

Report Descriptions

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AD_RMRREGION – Reliability Must Run Agree – Rev 0

AD_RMRREGION_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability:

| REPORT COLUMN | DESCRIPTION |
|--------------------|--|
| DATE | Specific date for which the information is reported. mm/dd/yyyy. |
| Reliability Region | Reliability Region Identification number. |
| DUNS # | Customer Duns Number. |
| AMOUNT | The dollar amount paid or charged. |

| AD_RMRREGION Change Summary | Effective Date |
|-----------------------------|----------------|
| Existing | 01.01.2001 |

BL_DAILYPOSITION – Daily Financial Position Report – Rev 0

BL_DAILYPOSITION_<customer id>_<date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily to active Participants and Non-Participants.

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|---|--|----------------|---|----------------------|---|---------------|--|---------------------|---|----------------------------|---|---------------------|--|----------------|---|
| <p align="center">Hourly and Daily Markets section</p> <p><i>This section will include a line item for each hourly and daily market service and standard settlement for thirty Operating Days. The days reported will be the most recent Operating Day with an approved Day-Ahead Energy market settlement and the 29 days prior. The dollar value reported for each day will represent the net Credits and Charges from the most recent settlement in which MIS reports have been approved and distributed. All hourly and daily market services and standard settlements will be listed regardless of whether the customer has a Credit or Charge. Any standard settlements that roll up to an hourly or daily market on the bill will also be rolled up to that market in this section.</i></p> | | | | | | | | | | | | | | | |
| Description | <p>The description of the market or standard settlement or a label if the row is a section header or section total. The Description column will contain the following section header and section total rows:</p> <table> <tr> <td>Hourly Markets</td><td>This section header will appear prior to the listing of the hourly markets.</td></tr> <tr> <td>Hourly Markets Total</td><td>This section total will appear following the listing of the hourly markets. The value in the Total and each day column will be the sum of the hourly market settlement results.</td></tr> <tr> <td>Daily Markets</td><td>This section header will appear prior to the listing of the daily markets.</td></tr> <tr> <td>Daily Markets Total</td><td>This section total will appear following the listing of the daily markets. The value in the Total and each day column will be the sum of the daily market settlement results.</td></tr> <tr> <td>Total Hourly/Daily Markets</td><td>This section total will appear following the “Daily Markets Total” row. The value in the Total and each day column will be the sum of the hourly and daily market settlement results.</td></tr> <tr> <td>Total Billed Amount</td><td>This section total will appear following the “Total Hourly/Daily Markets” row. The value in the Total and each Day column will represent the total <i>amount that has been billed</i> of all hourly and daily market settlement results.</td></tr> <tr> <td>Net Amount Due</td><td>This section total will appear following the “Total Billed Amount” row. The value in the Total and each day column will represent the “Total Hourly/Daily Markets” minus the “Total Billed Amount”.</td></tr> </table> | Hourly Markets | This section header will appear prior to the listing of the hourly markets. | Hourly Markets Total | This section total will appear following the listing of the hourly markets. The value in the Total and each day column will be the sum of the hourly market settlement results. | Daily Markets | This section header will appear prior to the listing of the daily markets. | Daily Markets Total | This section total will appear following the listing of the daily markets. The value in the Total and each day column will be the sum of the daily market settlement results. | Total Hourly/Daily Markets | This section total will appear following the “Daily Markets Total” row. The value in the Total and each day column will be the sum of the hourly and daily market settlement results. | Total Billed Amount | This section total will appear following the “Total Hourly/Daily Markets” row. The value in the Total and each Day column will represent the total <i>amount that has been billed</i> of all hourly and daily market settlement results. | Net Amount Due | This section total will appear following the “Total Billed Amount” row. The value in the Total and each day column will represent the “Total Hourly/Daily Markets” minus the “Total Billed Amount”. |
| Hourly Markets | This section header will appear prior to the listing of the hourly markets. | | | | | | | | | | | | | | |
| Hourly Markets Total | This section total will appear following the listing of the hourly markets. The value in the Total and each day column will be the sum of the hourly market settlement results. | | | | | | | | | | | | | | |
| Daily Markets | This section header will appear prior to the listing of the daily markets. | | | | | | | | | | | | | | |
| Daily Markets Total | This section total will appear following the listing of the daily markets. The value in the Total and each day column will be the sum of the daily market settlement results. | | | | | | | | | | | | | | |
| Total Hourly/Daily Markets | This section total will appear following the “Daily Markets Total” row. The value in the Total and each day column will be the sum of the hourly and daily market settlement results. | | | | | | | | | | | | | | |
| Total Billed Amount | This section total will appear following the “Total Hourly/Daily Markets” row. The value in the Total and each Day column will represent the total <i>amount that has been billed</i> of all hourly and daily market settlement results. | | | | | | | | | | | | | | |
| Net Amount Due | This section total will appear following the “Total Billed Amount” row. The value in the Total and each day column will represent the “Total Hourly/Daily Markets” minus the “Total Billed Amount”. | | | | | | | | | | | | | | |
| Total | A cumulative total of the thirty Operating Days reported. This column will be NULL on section header rows. | | | | | | | | | | | | | | |
| MM/DD/YYYY | Thirty columns representing the net credits and charges for a single Operating Day labeled as <MM/DD/YYYY>. A positive value represents a payment, a negative value represents a charge. These columns will be NULL on section header rows. | | | | | | | | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
| <p align="center">Monthly Markets section</p> <p><i>This section will contain settlement results for the monthly markets with subsections for preliminary and monthly market settlement results. A preliminary monthly market is a settlement that is run early in the month to provide preliminary results for that market. These line items will be reported in this section until the monthly settlement is run for the market for the obligation month. The Monthly Markets section will include a line item for each monthly market service and standard settlement for each obligation month in which MIS reports have been approved and distributed within the last 30 days. This section will only include markets and obligation months that have not been previously billed. All monthly market services and standard settlements will be listed regardless of whether the customer has a Credit or Charge. Any standard settlements that roll up to a monthly market on the bill will also roll up to that market on this report.</i></p> | | | | | | | | | | | | | | | |

BL_DAILYPOSITION – Daily Financial Position Report – Rev 0

BL_DAILYPOSITION_<customer id>_<date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily to active Participants and Non-Participants.

| REPORT COLUMN | DESCRIPTION | |
|--|---|---|
| Description | The description of the market or standard settlement or a label if the row is a section header or section total. The Description column will contain the following section header and section total rows: | |
| | Preliminary Monthly Markets | This section header will appear prior to the listing of the preliminary monthly markets. |
| | Preliminary Monthly Markets Total | This section total will appear following the listing of the preliminary monthly markets. The value in the “Monthly Total” column will be the sum of the preliminary monthly market settlement results. |
| | Monthly Markets | This section header will appear prior to the listing of the monthly markets. |
| | Monthly Markets Total | This section total will appear following the listing of the monthly markets. The value in the “Monthly Total” column will be the sum of the final monthly market settlement results. |
| | Total Billed Amount | This section total will appear following the “Monthly Markets Total”. The value in the “Monthly Total” column will represent the total <i>amount that has been billed</i> for all monthly markets. |
| | Net Amount Due | This section total will appear following the “Total Billed Amount”. The value in the “Monthly Total” column will represent the “Final Monthly Markets” minus the “Total Billed Amount”. |
| Obligation Month | The obligation month of the monthly market settlement results. This column will be NULL when there is no settlement that has been approved and distributed in the last thirty days for the line item, and will also be NULL on section header and section total rows | |
| Monthly Total | The net credits and charges for the obligation month. A positive value represents a payment, a negative value represents a charge. This column will be NULL when there is no settlement that has been approved and distributed in the last thirty days for the line item, or the customer was not part of the settlement, and will also be NULL on section header rows. | |
| Resettled Markets section | | |
| <i>This section will report resettlements of the hourly, daily, and monthly markets (including standard settlements) in which MIS reports have been approved and distributed within the last thirty days. The resettlements may be the result of the Data Reconciliation process, the Meter Data Error Requested Billing Adjustment (RBA) process, or any other resettlements of markets for obligation months that have been previously billed. Settlement results will be reported at the monthly level and all hourly/daily/monthly market services and standard settlements will be listed regardless of whether the customer has a Credit or Charge. Any standard settlements that roll up to an hourly/daily/monthly market on the bill will also be rolled up to that market in this section.</i> | | |
| Description | The description of the market being reported or a label if the row is a section header or section total. The Description column will contain the following section header and section total rows: | |
| | Resettled Markets | This section header will appear prior to the “Hourly Markets” row. |
| | Hourly Markets | This section header will appear prior to the listing of the hourly markets. |
| | Hourly Markets Total | This section total will appear following the listing of the hourly markets. The value in the “Previously Billed Settlement Amount”, “Resettlement Amount”, and “Adjustment Amount” columns will be the sum of the hourly market settlement results. |
| | Daily Markets | This section header will appear prior to the listing of the daily markets. |
| | Daily Markets Total | This section total will appear following the listing of the daily markets. The value in the “Previously Billed Settlement Amount”, “Resettlement Amount”, and “Adjustment Amount” columns will |

BL_DAILYPOSITION – Daily Financial Position Report – Rev 0

BL_DAILYPOSITION_<customer id>_<date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily to active Participants and Non-Participants.

| REPORT COLUMN | DESCRIPTION | |
|--|--|--|
| | | be the sum of the daily market settlement results. |
| | Monthly Markets | This section header will appear prior to the listing of the monthly markets. |
| | Monthly Markets Total | This section total will follow the listing of the monthly markets. The value in the “Previously Billed Settlement Amount”, “Resettlement Amount”, and “Adjustment Amount” columns will be the sum of the monthly market settlement results. |
| | Total Hourly/Daily/Monthly Markets Total | This section total will appear following the “Monthly Markets Total” row. The value in the “Previously Billed Settlement Amount”, “Resettlement Amount”, and “Adjustment Amount” columns will be the sum of the hourly, daily, and monthly market settlement results. |
| | Total Billed Amount | This section total will appear following the “Total Hourly/Daily/Monthly Markets Total” row. The value in “Previously Billed Settlement Amount” and “Resettlement Amount” will be NULL. The value in the “Adjustment Amount” column will represent the total <i>amount that has been billed</i> of the “Adjustment Amount” for the hourly, daily, & monthly markets. |
| | Net Amount Due | This section total will appear column following the “Total Billed Amount” row. The value in the “Previously Billed Settlement Amount” and “Resettlement Amount” columns will be NULL. The value in the “Adjustment Amount” column will represent the “Total Hourly/Daily/Monthly Markets Total” minus the “Total Billed Amount”. |
| Obligation Month | The obligation month of the hourly, daily, or monthly market settlement results. This column will be NULL when there is no settlement that has been approved and distributed in the last thirty days for the line item and will also be NULL on section header rows, section total rows and the “Total Billed Amount” and “Net Amount Due” rows. | |
| Previously Billed Settlement Amount | The net credits and charges for the market for the obligation month from the previously billed settlement. A positive value represents a payment; a negative value represents a charge. This column will be NULL when there is no settlement that has been approved and distributed in the last thirty days for the line item, or the customer was not part of the settlement, and will also be NULL on section header rows and the “Total Billed Amount” and “Net Amount Due” rows. | |
| Resettlement Amount | The net credits and charges for the market for the obligation month for the resettlement in which MIS reports were approved and distributed within the last thirty days. This settlement may or may not be billed. A positive value represents a payment; a negative value represents a charge. This column will be NULL when there is no settlement that has been approved and distributed in the last thirty days for the line item, or the customer was not part of the settlement, and will also be NULL on section header rows and the “Total Billed Amount” and “Net Amount Due” rows. | |
| Adjustment Amount | This value is result of the “Resettlement Amount” minus the “Previously Billed Settlement Amount” for the market for the obligation month. A positive value represents a payment; a negative value represents a charge. This column will be NULL when there is no resettlement that has been approved and distributed in the last thirty days for the line item, or the customer was not part of the settlement, and will also be NULL on section header rows. | |
| Billing Adjustments section | | |
| This section includes net Credits and Charges for miscellaneous billing adjustments that have been created in the last thirty days. Only those billing adjustments that the customer has a Credit or Charge for will appear in this section. | | |
| Description | The description of the billing adjustment being reported or a label if the row is a section header | |

BL_DAILYPOSITION – Daily Financial Position Report – Rev 0

BL_DAILYPOSITION_<customer id>_<date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily to active Participants and Non-Participants.

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---------------------------|---|---------------------|--|---------------------------|--|---------------------|--|----------------|--|
| | <p>or section total. The Description column will contain the following section header and section total rows:</p> <table> <tr> <td>Billing Adjustments</td><td>This section header will appear prior to the listing of the billing adjustments.</td></tr> <tr> <td>Billing Adjustments Total</td><td>This section total will appear following the listing of the billing adjustments. The value in the Total columns will be the sum of the billing adjustments</td></tr> <tr> <td>Total Billed Amount</td><td>This section total will appear following the “Billing Adjustments Total” label. The value in the Total column will represent the total <i>amount that has been billed</i> of the billing adjustments</td></tr> <tr> <td>Net Amount Due</td><td>This section total will appear following the “Total Billed Amount” row. The value in the Total column will represent the “Billing Adjustment Total” minus the “Total Billed Amount”.</td></tr> </table> | Billing Adjustments | This section header will appear prior to the listing of the billing adjustments. | Billing Adjustments Total | This section total will appear following the listing of the billing adjustments. The value in the Total columns will be the sum of the billing adjustments | Total Billed Amount | This section total will appear following the “Billing Adjustments Total” label. The value in the Total column will represent the total <i>amount that has been billed</i> of the billing adjustments | Net Amount Due | This section total will appear following the “Total Billed Amount” row. The value in the Total column will represent the “Billing Adjustment Total” minus the “Total Billed Amount”. |
| Billing Adjustments | This section header will appear prior to the listing of the billing adjustments. | | | | | | | | |
| Billing Adjustments Total | This section total will appear following the listing of the billing adjustments. The value in the Total columns will be the sum of the billing adjustments | | | | | | | | |
| Total Billed Amount | This section total will appear following the “Billing Adjustments Total” label. The value in the Total column will represent the total <i>amount that has been billed</i> of the billing adjustments | | | | | | | | |
| Net Amount Due | This section total will appear following the “Total Billed Amount” row. The value in the Total column will represent the “Billing Adjustment Total” minus the “Total Billed Amount”. | | | | | | | | |
| Reference | Additional detail for the billing adjustment. This column will always be NULL on section header and section total rows and may be NULL on manual billing adjustment line items. | | | | | | | | |
| Obligation Date | The obligation date of the billing adjustment. This column will be NULL on section header and section total rows | | | | | | | | |
| Total | The net Credits and Charges for the obligation date for the billing adjustment. A positive value represents a payment; a negative value represents a charge. This column will be NULL on section header rows | | | | | | | | |

| BL_DAILYPOSITION Change Summary | Effective Date |
|---|----------------|
| Modified. No change in report structure, Regulation Market will include the "Make Whole" credits and charges. | 07.01.2013 |
| Modified. No change in report structure, Monthly Market "OATT Schedule 16 - Black Start Payment" and "OATT-Schedule 16 Blackstart" will be reported. | 01.01.2013 |
| Modified. No change in report structure, a new Monthly Market "OATT-Schd 16 Black Start CIP" will be reported. | 06.01.2012 |
| Modified. No change in report structure, a new Monthly Market "Transitional Demand Response" will be reported. | 06.01.2012 |
| Modified. No change in report structure, only data change. ARR Dollars will be rolled up and reported in same line item if multiple rounds held in annual actions (planned in 2013). | 01.01.2012 |
| Modified. No changes in report structure, only data change. The following existing RNS and TOUT line items: ISO Schedule 1 for RNS; ISO Schedule 1 for TOUT; ISO Schedule 5 NESCOE; OATT-Regional Network Service; and OATT-Through or Out Service will be replaced and reported with below list of new RNS and TOUT line items: ISO Schedule 1 RNS; ISO Schedule 1 TOUT; ISO Schedule 5 NESCOE; OATT Schedule 1 RNS; OATT Schedule 9 RNS; OATT Schedule 8 TOUT and OATT Schedule 1 TOUT for any resettlement prior to obligation month Oct 1st 2010 or any new settlements effective Oct. 1st 2010 in Monthly and Resettlement sections of this report. | 10.01.2010 |
| New. This report will be released no earlier than September 29, 2010 to all active customers registered as a Participant or non-participant. | 09.29.2010 |

BL_DETAILS – Bill Details/Adjustment Detail Report – Rev 9

BL_DETAILS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After Weekly Bill is issued to all market Participants

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Hourly Bill Detail | |
| Trading Interval Date | Trading interval end date in the form MM/DD/YYYY |
| Trading Interval Hour | Trading interval end time in the form 1, 2, 3, etc. |
| Day Ahead Energy Market | Net dollars for the trading interval. |
| Real Time Energy Market | Net dollars for the trading interval. |
| Regulation Market | Net dollars for the trading interval. |
| Day Ahead Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time Report Version Date | Time stamp representing the date and time of this report's creation. |
| Regulation Report Version Date | Time stamp representing the date and time of this report's creation. |
| Reserve Market | Net dollars for the trading interval. |
| Reserve Report Version Date | Time stamp representing the date and time of this report's creation. |
| DA Ancillary Services Market | Net dollars for the trading interval. |
| DA Ancillary Services Report Version Date | Time stamp representing the date and time of this report's creation. |
| Daily Bill Detail | |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval Hour | Identified beginning trading interval for daily settlement. |
| Day Ahead NCPC Market | Net dollars for the settlement day. |
| Real Time NCPC Market | Net dollars for the settlement day. |
| Day Ahead NCPC Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time NCPC Report Version Date | Time stamp representing the date and time of this report's creation. |
| FCM Daily Credits | Total FCM Daily Credits for the day. |
| FCM Daily Charges | Total FCM Daily Charges for the day |
| FCM Daily Report Version Date | Time stamp representing the date and time of this report's creation. |
| Inventoried Energy Program | Net dollars for the settlement day. |
| Inventoried Energy Program Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Adj Detail | |
| Trading Interval Date | Trading Interval affected in the form MM/DD/YYYY |
| Trading Interval Hour | Trading interval affected in the form HH:MM |
| Market Service | The market service that the resettlement applies to. |
| Roll Back Amount | Reversal of the dollars billed for the Market Service for the trading interval. |
| New Amount | Resettled dollars for the given Market Service. |
| Adjustment Amount | Rollback amount plus current amount. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Line Items | |
| Trading Interval Date | Trading Interval affected in the form MM/DD/YYYY |
| Trading Interval Hour | Trading interval affected in the form HH:MM |
| Description | Adjustment Type. |
| Dollar Amount | Net adjusted dollar amount for the trading interval. |
| Quantity | Value, when necessary, of adjustment. |
| Unit of Measure | Describes unit of measure of Quantity. |
| Standard Settlement Details | |
| Trading Interval Date | Trading Interval affected in the form MM/DD/YYYY |
| Trading Interval Hour | Trading interval affected in the form HH:MM If daily standard settlement the value will be 1. |

BL_DETAILS – Bill Details/Adjustment Detail Report – Rev 9

BL_DETAILS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After Weekly Bill is issued to all market Participants

| REPORT COLUMN | DESCRIPTION |
|---------------------|--|
| Description | String description of the standard settlement. |
| Dollar Amount | Total dollars for the time period of the standard settlement. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |

| BL_DETAILS Change Summary | Effective Date |
|--|----------------|
| Modified. Added DA Ancillary Services Market columns to Hourly Bill Detail tab. | 03.01.2025 |
| Modified. Added Inventoried Energy Program columns to Daily Bill Detail tab. | 12.01.2023 |
| Modified. Added FCM Daily columns to Daily Bill Detail tab. | 06.01.2022 |
| Existing. Added a new section "Standard Settlement Details". | 03.01.2008 |

BL_DETAILSSUB – Subaccount Bill Details/Adjustment Report – for INFORMATION ONLY– Rev 3

BL_DETAILSSUB_<customer id>_<settlement date>_<version>_<subaccount number>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After weekly bill is issued to all market participants with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Hourly Bill Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval end date in the form MM/DD/YYYY |
| Trading Interval | Trading interval end time in the form 1, 2, 3, etc. |
| DAY AHEAD Energy Market | Net dollars for the trading interval. |
| REAL TIME Energy Market | Net dollars for the trading interval. |
| REGULATION Market | Net dollars for the trading interval. |
| Day Ahead Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time Report Version Date | Time stamp representing the date and time of this report's creation. |
| Regulation Report Version Date | Time stamp representing the date and time of this report's creation. |
| RESERVE Market | Net dollars for the trading interval. |
| RESERVE Report Version Date | Time stamp representing the date and time of this report's creation. |
| DA Ancillary Services Market | Net dollars for the trading interval. |
| DA Ancillary Services Report Version Date | Time stamp representing the date and time of this report's creation. |
| Daily Bill Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| DAY AHEAD NCPC Market | Net dollars for the settlement day. |
| REAL TIME NCPC Market | Net dollars for the settlement day. |
| Day Ahead Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time Report Version Date | Time stamp representing the date and time of this report's creation. |
| FCM Daily Credits | Total FCM Daily Credits for the day. |
| FCM Daily Charges | Total FCM Daily Charges for the day |
| FCM Daily Report Version Date | Time stamp representing the date and time of this report's creation. |
| Inventoried Energy Program | Net dollars for the settlement day. |
| Inventoried Energy Program Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Adj Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| Market Service | The market service that the resettlement applies to. |
| Roll Back Amount | Reversal of the dollars billed for the Market Service for the trading interval. |
| New Amount | Resettled dollars for the given Market Service. |
| Adjustment Amount | Rollback amount plus current amount. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Line Items | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |

BL_DETAILSSUB – Subaccount Bill Details/Adjustment Report – for INFORMATION ONLY– Rev 3

BL_DETAILSSUB_<customer id>_<settlement date>_<version>_<subaccount number>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After weekly bill is issued to all market participants with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|--|
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| Description | Adjustment Type. |
| Dollar Amount | Net adjusted dollar amount for the trading interval. |
| Quantity | Value, when necessary, of adjustment. |
| Unit of Measure | Describes unit of measure of Quantity. |
| Standard Settlement Details | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| Description | String description of the standard settlement. |
| Dollar Amount | Total dollars for the time period of the standard settlement. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |

| BL_DETAILSSUB Change Summary | Effective Date |
|--|----------------|
| Modified. Added DA Ancillary Services Market columns to Hourly Bill Detail tab. | 03.01.2025 |
| Modified. Added Inventoried Energy Program columns to Daily Bill Detail tab. | 12.01.2023 |
| Modified. Added FCM Daily columns to Daily Bill Detail tab | 06.01.2022 |
| New. | 05.01.2019 |

| BL_INVOICE – Invoice/Remittance Advice – Rev 1 BL_INVOICE_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: After Weekly Bill is issued to all market Participants | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Customer ID | Customer's identification number. |
| Invoice Number | ISO control number of this invoice or remittance advice. |
| Document Date | Date of issuance. |
| Due Date | Date that payment is due to ISO New England. If funds are owed to customer, they will be deposited in the payee's account two days after this date. |
| Payer | If invoice, the Customer name. If Remittance Advice, ISO New England. |
| Payer Bank | Banking information for payer. |
| Payer ABA | Banking information for payer. |
| Payer Account | Banking information for payer |
| Payee | If invoice, ISO New England. If Remittance Advice, the customer name. |
| Payee Bank | Banking information for payee. |
| Payee ABA | Banking information for payee. |
| Payee Account | Banking information for payee |
| Net Amount | The net total of line item payments (positive) or charges (negative) on this invoice. |
| Invoice Line Items | |
| Line | Number |
| Description | String description of the line item. |
| Bill From | Beginning date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Bill To | Ending date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Document Ref | String value representing potential source of more detailed documentation of this charge or payment. |
| Quantity | The net product or service quantity (representing the net total activity over all intervals in the Bill From/To period) that this payment or charge is based upon. |
| Unit of Measure | The unit of measure of the aforementioned quantity. |
| Net Amount | The dollar payment (positive) due or charge (negative) owed for this line item. |

| BL_INVOICE Change Summary | Effective Date |
|---------------------------|----------------|
| Existing. | 01.01.2001 |

BL_INVOICESUB – Subaccount Invoice Report / Remittance Advice Report - for INFORMATION ONLY – Rev 0

BL_INVOICESUB_<customer id>_<settlement date>_<version>_<subaccount number>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After bill is issued, to all market participants with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|--|
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Invoice Number | ISO control number of this invoice or remittance advice. |
| Document Date | Date of issuance. |
| Net Amount | The net total of line item payments (positive) or charges (negative) on this invoice for the subaccount. INFORMATION ONLY. |
| Invoice Line Items | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Line | Number |
| Description | String description of the line item. |
| Bill From | Beginning date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Bill To | Ending date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Document Ref | String value representing potential source of more detailed documentation of this charge or payment. |
| Quantity | The net product or service quantity (representing the net total activity over all intervals in the Bill From/To period) that this payment or charge is based upon. |
| Unit of Measure | The unit of measure of the aforementioned quantity. |
| Net Amount | The dollar payment (positive) due or charge (negative) owed for this line item. |

| BL_INVOICESUB Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 05.01.2019 |

| BL_PMTDEFAULT – Detail Payment Default Allocation Customer Report – Rev 0 BL_PMTDEFAULT_<customer id>_<invoice date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be available following an invoice due date when the ISO determines all or part of the charges due to be paid by Covered Entities has not been paid when due. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| BL_PMTDEFAULT Abbreviations used in column headings: UNSEC MMP – Unsecured Municipal Market Participant UNSEC NMMP – Unsecured Non-Municipal Market Participant | |
| ISO Bill Line Items | Sum of absolute values of ISO Charge Bill Line Items and ISO Payment Bill Line Items for the particular Covered Entity $\sum(\text{ISO Charge Bill Line Items} + \text{ISO Payment Bill Line Items})$ |
| UNSEC MMP Pool ISO Bill Items | Sum of absolute values of ISO Charge Bill Line Items and ISO Payment Bill Line Items for each of the UNSEC MMP other than the defaulting Covered Entity. |
| UNSEC MMP Pool ISO Default Amount | Total Amount charged to all UNSEC MMP to cover all defaulting UNSEC MMP's ISO Charge Default Amount $\sum \text{all defaulting UNSEC MMP (UNSEC MMP Pool ISO PDA)}$ |
| UNSEC MMP ISO PDA | Total Amount charged to the particular UNSEC MMP to cover all defaulting UNSEC MMP's ISO Charge Default Amount. $\sum \text{all defaulting UNSEC MMP (UNSEC MMP ISO PDA)}$ |
| UNSEC NMMP Pool ISO Bill Items | Sum of absolute values of ISO Charge Bill Line Items and ISO Payment Bill Line Items for each of the UNSEC NMMP other than the defaulting Covered Entity. |
| UNSEC NMMP Pool ISO Default Amount | Total Amount charged to all UNSEC NMMP to cover all defaulting UNSEC NMMP's ISO Charge Default Amount $\sum \text{all defaulting UNSEC NMMP (UNSEC NMMP Pool ISO PDA)}$ |
| UNSEC NMMP ISO PDA | Total Amount charged to the particular UNSEC NMMP to cover all defaulting UNSEC NMMP's ISO Charge Default Amount. $\sum \text{all defaulting UNSEC NMMP (UNSEC NMMP ISO PDA)}$ |
| Pool ISO Bill Items | Sum of absolute values of ISO Charge Bill Line Items and ISO Payment Bill Line Items for each of the Covered Entity other than the defaulting Covered Entity. |
| Pool ISO Default Amount | Total Amount charged to all Covered Entities to cover all defaulting Covered Entities' ISO Charge Default Amount $\sum \text{all defaulting Covered Entities (Pool ISO PDA)}$ |
| ISO PDA | Total Amount charged to the particular Covered Entity to cover all defaulting Covered Entities' ISO Charge Default Amount. $\sum \text{all defaulting Covered Entities (ISO PDA)}$ |
| Transmission Bill Line Items | Sum of absolute values of Transmission Charge Bill Line Items and Transmission Payment Bill Line Items for the particular Covered Entity $\sum(\text{Transmission Charge Bill Line Items} + \text{Transmission Payment Bill Line Items})$ |
| UNSEC MMP Pool Transmission Bill Items | Sum of absolute values of Transmission Charge Bill Line Items and Transmission Payment Bill Line Items for each of the UNSEC MMP other than the defaulting Covered Entity. |
| UNSEC MMP Pool Transmission Default Amount | Total Amount charged to all UNSEC MMP to cover all defaulting UNSEC MMP's Transmission Charge Default Amount $\sum \text{all defaulting UNSEC MMP (UNSEC MMP Pool Transmission PDA)}$ |
| UNSEC MMP Transmission PDA | Total Amount charged to the particular UNSEC MMP to cover all defaulting UNSEC MMP's Transmission Charge Default Amount. $\sum \text{all defaulting UNSEC MMP (UNSEC MMP Transmission PDA)}$ |
| UNSEC NMMP Pool Transmission Bill Items | Sum of absolute values of Transmission Charge Bill Line Items and Transmission Payment Bill Line Items for each of the UNSEC NMMP |

BL_PMTDEFAULT – Detail Payment Default Allocation Customer Report – Rev 0

BL_PMTDEFAULT_<customer id>_<invoice date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be available following an invoice due date when the ISO determines all or part of the charges due to be paid by Covered Entities has not been paid when due.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | other than the defaulting Covered Entity. |
| UNSEC NMMP Pool Transmission Default Amount | Total Amount charged to all UNSEC NMMP to cover all defaulting UNSEC NMMP's Transmission Charge Default Amount Σ all defaulting UNSEC NMMP (UNSEC NMMP Pool Transmission PDA) |
| UNSEC NMMP Transmission PDA | Total Amount charged to the particular UNSEC NMMP to cover all defaulting UNSEC NMMP's Transmission Charge Default Amount. Σ all defaulting UNSEC NMMP (UNSEC NMMP Transmission PDA) |
| Pool Transmission Bill Items | Sum of absolute values of Transmission Charge Bill Line Items and Transmission Payment Bill Line Items for each of the Covered Entity other than the defaulting Covered Entity. |
| Pool Transmission Default Amount | Total Amount charged to all Covered Entities to cover all defaulting Covered Entities' Transmission Charge Default Amount Σ all defaulting Covered Entities (Pool Transmission PDA) |
| Transmission PDA | Total Amount charged to the particular Covered Entity to cover all defaulting Covered Entities' Transmission Charge Default Amount. Σ all defaulting Covered Entities (Transmission PDA) |
| Total ISO PDA Amount | The total of UNSEC MMP ISO PDA, UNSEC NMMP ISO PDA and ISO PDA |
| Total Transmission PDA Amount | The total of UNSEC MMP Transmission PDA, UNSEC NMMP Transmission PDA and Transmission PDA. |

| BL_PMTDEFAULT Change Summary | Effective Date |
|---|----------------|
| New. The first version of this report may be issued any time after 01.25.2011. | 01.25.2011 |

BL_PRINT – Invoice – Rev 0

BL_PRINT_<customer id>_<settlement date>_<version>.PDF

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-weekly/monthly market settlement to all market Participants

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841**Invoice**

ATTN: Somebody

Company name

Address line 1

Address line 2

City

XX 00000-0000

DOCUMENT NUMBER: 00000

DOCUMENT DATE: 11/06/2010

PAGE: 1 of 1

DUE DATE: 11/13/2010

CUSTOMER ID: 000

WIRE TRANSFER INSTRUCTIONS

FROM: Company name

BANK: Bank name

ABA: 888888888

ACCOUNT: 999999999

TO: ISO New England

BANK: Bank Name

ABA: 555555555

ACCOUNT: 77777777777

| LINE | DESCRIPTION | BILL FROM/ BILL TO | DOCUMENT REF. | NET AMOUNT |
|-----------------|----------------------------|--------------------------------------|---------------|------------|
| 1 | Energy Day Ahead 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 38,007.66 |
| 2 | Energy Real Time 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 714.30 |
| 3 | Regulation 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 261.95 |
| 4 | NCPC Day Ahead 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 14.93 |
| 5 | NCPC Real Time 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 67.72 |
| 6 | Forward Reserve 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | -958.34 |
| NET AMOUNT DUE: | | | | 38,108.22 |

BL_PRINT – Remittance Advice – Rev 0

BL_PRINT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-weekly/monthly market settlement to all market Participants

| ISO New England Inc. One Sullivan Road Holyoke, MA 01040-2841 | | Remittance Advice | | |
|--|----------------------------|--|----------------------|-------------------|
| ATTN: Somebody Company name Address Address City XX 00000 | | DOCUMENT NUMBER: 11111 DOCUMENT DATE: 11/06/2010 PAGE: 1 of 1 DUE DATE: 11/17/2010 CUSTOMER ID: 00000 | | |
| WIRE TRANSFER INSTRUCTIONS | | | | |
| FROM: ISO New England BANK: Bank Name ABA: 555555555 ACCOUNT: 77777777777 | | TO: Company name BANK: Bank Name ABA: 333333333 ACCOUNT: 44444444444 | | |
| LINE | DESCRIPTION | BILL FROM/ BILL TO | DOCUMENT REF. | NET AMOUNT |
| 1 | Energy Day Ahead 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 3,018,052.00 |
| 2 | Energy Real Time 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | -24,447.99 |
| 3 | Regulation 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | -0.72 |
| 4 | NCPC Day Ahead 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | 0.00 |
| 5 | NCPC Real Time 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | -63.30 |
| 6 | Forward Reserve 0.0000 | 10/23/2010 00:00 10/29/2010 00:00 | | -0.49 |
| NET AMOUNT DUE: | | | | 2,993,539.50 |

BL_PRINTSUB – Invoice – INFORMATION ONLY – Rev 0

BL_PRINTSUB_<customer id>_<settlement date>_<version>_<subaccount number>.PDF

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After bill is issued to all market participants with subaccounts enabled

| LINE | DESCRIPTION | BILL FROM/ BILL TO | DOCUMENT REF. | NET AMOUNT |
|-----------------|------------------|-----------------------|---------------|------------|
| 1 | Day-Ahead Energy | 06/27/2019 00:00 | | 19,000.00 |
| | 0.000 | 06/30/2019 00:00 | | |
| 2 | Real-Time Energy | 06/27/2019 00:00 | | 0.00 |
| | 0.000 | 06/30/2019 00:00 | | |
| 3 | Regulation | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 4 | Reserve Market | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 5 | Day-Ahead NCPC | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 6 | Real-Time NCPC | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| NET AMOUNT DUE: | | | | 19,000.00 |

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841**Invoice - FOR INFORMATION ONLY**ATTN: John Doe
ABC Energy
123 Energy Drive

Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1
CUSTOMER ID: 123**INFORMATIONAL REPORT ON BILLING BY SUBACCOUNT**Subaccount ID: 8502
Subaccount Name: CT LOAD

BL_PRINTSUB – Remittance Advice – INFORMATION ONLY – Rev 0

BL_PRINTSUB_<customer id>_<settlement date>_<version>_<subaccount number>.PDF

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After bill is issued to all market participants with subaccounts enabled

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841**Remittance Advice - FOR INFORMATION ONLY**ATTN: John Doe
ABC Energy
123 Energy Drive

Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1

CUSTOMER ID: 123

INFORMATIONAL REPORT ON BILLING BY SUBACCOUNTSubaccount ID: 8504
Subaccount Name: MA GENERATION

| LINE | DESCRIPTION | BILL FROM/ BILL TO | DOCUMENT REF. | NET AMOUNT |
|-----------------|------------------|-----------------------|---------------|------------|
| 1 | Day-Ahead Energy | 06/27/2019 00:00 | | 30,000.00 |
| | 0.000 | 06/30/2019 00:00 | | |
| 2 | Real-Time Energy | 06/27/2019 00:00 | | 0.00 |
| | 0.000 | 06/30/2019 00:00 | | |
| 3 | Regulation | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 4 | Reserve Market | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 5 | Day-Ahead NCPC | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| 6 | Real-Time NCPC | 06/25/2019 00:00 | | 0.00 |
| | 0.000 | 06/26/2019 00:00 | | |
| NET AMOUNT DUE: | | | | 30,000.00 |

| BL_SHORTFALL – Detail Shortfall Allocation Customer Report – Rev 0 BL_SHORTFALL_<customer id>_<invoice date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be available following an invoice due date when the ISO determines all or part of the charges due to be paid by Covered Entities has not been paid when due. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| BL_SHORTFALL Abbreviations used in column headings: UNSEC MMP – Unsecured Municipal Market Participant UNSEC NMMP – Unsecured Non-Municipal Market Participant | |
| ISO Charge Remittance Total | Total Amount originally owed to the Covered Entity for ISO Charges |
| UNSEC MMP Pool ISO Remittance Total | Total Amount originally owed to all UNSEC MMP for ISO Charges. Σall UNSEC MMP (ISO Remittance Total) |
| UNSEC MMP Pool ISO Remittance Total Reduction | Total Amount reduced from all UNSEC MMP to cover all defaulting UNSEC MMP's ISO Charge Default Amount Σall defaulting UNSEC MMP (UNSEC MMP Pool ISO Remittance Total Reduction) |
| UNSEC MMP ISO Remittance Total Reduction | Total Amount reduced from the particular UNSEC MMP to cover all defaulting UNSEC MMP's ISO Charge Default Amount. Σall defaulting UNSEC MMP (UNSEC MMP ISO Remittance Total Reduction) |
| UNSEC NMMP Pool ISO Remittance Total | Total Amount originally owed to all UNSEC NMMP for ISO Charges. Σall UNSEC NMMP (ISO Remittance Total) |
| UNSEC NMMP Pool ISO Remittance Total Reduction | Total Amount reduced from all UNSEC NMMP to cover all defaulting UNSEC NMMP's ISO Charge Default Amount Σall defaulting UNSEC NMMP (UNSEC NMMP Pool ISO Remittance Total Reduction) |
| UNSEC NMMP ISO Remittance Total Reduction | Total Amount reduced from the particular UNSEC NMMP to cover all defaulting UNSEC NMMP's ISO Charge Default Amount. Σall defaulting UNSEC NMMP (UNSEC NMMP ISO Remittance Total Reduction) |
| Pool ISO Remittance Total | Total Amount originally owed to all Covered Entities for ISO Charges. Σall Covered Entities (ISO Remittance Total) |
| Pool ISO Remittance Total Reduction | Total Amount reduced from all Covered Entities to cover all defaulting Covered Entities' ISO Charge Default Amount Σall defaulting Covered Entities (Pool ISO Remittance Total Reduction) |
| ISO Remittance Total Reduction | Total Amount reduced from the particular Covered Entity to cover all defaulting Covered Entities' ISO Charge Default Amount. Σall defaulting Covered Entities (ISO Remittance Total Reduction) |
| Transmission Remittance Total | Total Amount originally owed to the Covered Entity for Transmission Charges. |
| UNSEC MMP Pool Transmission Remittance Total | Total Amount originally owed to all UNSEC MMP for Transmission Charges. Σall UNSEC MMP (Transmission Remittance Total) |
| UNSEC MMP Pool Transmission Remittance Total Reduction | Total Amount reduced from all UNSEC MMP to cover all defaulting UNSEC MMP's Transmission Charge Default Amount Σall defaulting UNSEC MMP (UNSEC MMP Pool Transmission Remittance Total Reduction) |
| UNSEC MMP Transmission Remittance Total Reduction | Total Amount reduced from the particular UNSEC MMP to cover all defaulting UNSEC MMP's Transmission Charge Default Amount. Σall defaulting UNSEC MMP (UNSEC MMP Transmission Remittance Total Reduction) |
| UNSEC NMMP Pool Transmission Remittance Total | Total Amount originally owed to all UNSEC NMMP for Transmission Charges. |

BL_SHORTFALL – Detail Shortfall Allocation Customer Report – Rev 0

BL_SHORTFALL_<customer id>_<invoice date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be available following an invoice due date when the ISO determines all or part of the charges due to be paid by Covered Entities has not been paid when due.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | \sum all UNSEC NMMP (Transmission Remittance Total) |
| UNSEC NMMP Pool Transmission Remittance Total Reduction | Total Amount reduced from all UNSEC NMMP to cover all defaulting UNSEC NMMP's Transmission Charge Default Amount \sum all defaulting UNSEC NMMP (UNSEC NMMP Pool Transmission Remittance Total Reduction) |
| UNSEC NMMP Transmission Remittance Total Reduction | Total Amount reduced from the particular UNSEC NMMP to cover all defaulting UNSEC NMMP's Transmission Charge Default Amount. \sum all defaulting UNSEC NMMP (UNSEC NMMP ISO Remittance Total Reduction) |
| Pool Transmission Remittance Total | Total Amount originally owed to all Covered Entities for Transmission Charges. \sum all Covered Entities (Transmission Remittance Total) |
| Pool Transmission Remittance Total Reduction | Total Amount reduced from all Covered Entities to cover all defaulting Covered Entities' Transmission Charge Default Amount \sum all defaulting Covered Entities (Pool Transmission Remittance Total Reduction) |
| Transmission Remittance Total Reduction | Total Amount reduced from the particular Covered Entity to cover all defaulting Covered Entities' Transmission Charge Default Amount. \sum all defaulting Covered Entities (Transmission Remittance Total Reduction) |
| Remittance Total | Total amount originally owed to all non-defaulting Covered Entities \sum all non-defaulting Covered Entities (Remittance Total) |
| Pool Remittance Total | Total amount owed to the customer after reductions |
| Pool Excess Transmission Remittance Total Reduction | Sum of amounts by which all customers' Transmission Remittance Total Amount is reduced to cover all defaulting Covered Entities' Transmission Charge Default Amount \sum all defaulting Covered Entities (Pool Transmission Remittance Total Reduction) |
| Excess Transmission Remittance Total Reduction | Sum of amount by which the customer's Transmission Remittance total amount is reduced to cover all defaulting Covered Entities' Transmission Charge Default Amount \sum all defaulting Covered Entities (Transmission Remittance Total Reduction) |
| Total Remittance Reduction | The total of UNSEC MMP ISO Remittance Total Reduction, UNSEC NMMP ISO Remittance Total Reduction, ISO Remittance Total Reduction, UNSEC MMP Transmission Remittance Total Reduction, UNSEC NMMP Transmission Remittance Total Reduction, Transmission Remittance Total Reduction and Excess Transmission Remittance Total Reduction. |

| BL_SHORTFALL Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report may be issued any time after 01.25.2011. | 01.25.2011 |

BL_SUBDETAILS – Subaccount Bill Details/Adjustment Detail Report – Rev 1

BL_SUBDETAILS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After Weekly Bill is issued to all market Participants

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Hourly Bill Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval end date in the form MM/DD/YYYY |
| Trading Interval | Trading interval end time in the form 1, 2, 3, etc. |
| DAY AHEAD Energy Market | Net dollars for the trading interval. |
| REAL TIME Energy Market | Net dollars for the trading interval. |
| REGULATION Market | Net dollars for the trading interval. |
| Day Ahead Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time Report Version Date | Time stamp representing the date and time of this report's creation. |
| Regulation Report Version Date | Time stamp representing the date and time of this report's creation. |
| RESERVE Market | Net dollars for the trading interval. |
| RESERVE Report Version Date | Time stamp representing the date and time of this report's creation. |
| DA Ancillary Services Market | Net dollars for the trading interval. |
| DA Ancillary Services Report Version Date | Time stamp representing the date and time of this report's creation. |
| Daily Bill Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| DAY AHEAD NCPC Market | Net dollars for the settlement day. |
| REAL TIME NCPC Market | Net dollars for the settlement day. |
| Day Ahead Report Version Date | Time stamp representing the date and time of this report's creation. |
| Real Time Report Version Date | Time stamp representing the date and time of this report's creation. |
| FCM Daily Credits | Total FCM Daily Credits for the day. |
| FCM Daily Charges | Total FCM Daily Charges for the day |
| FCM Daily Report Version Date | Time stamp representing the date and time of this report's creation. |
| Inventoried Energy Program | Net dollars for the settlement day. |
| Inventoried Energy Program Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Adj Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| Market Service | The market service that the resettlement applies to. |
| Roll Back Amount | Reversal of the dollars billed for the Market Service for the trading interval. |
| New Amount | Resettled dollars for the given Market Service. |
| Adjustment Amount | Rollback amount plus current amount. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |
| Bill Line Items | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |

BL_SUBDETAILS – Subaccount Bill Details/Adjustment Detail Report – Rev 1

BL_SUBDETAILS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After Weekly Bill is issued to all market Participants

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|--|
| Description | Adjustment Type. |
| Dollar Amount | Net adjusted dollar amount for the trading interval. |
| Quantity | Value, when necessary, of adjustment. |
| Unit of Measure | Describes unit of measure of Quantity. |
| Standard Settlement Details | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval Date | Trading interval date in the form MM/DD/YYYY |
| Trading Interval | Identified beginning trading interval for daily settlement. |
| Description | String description of the standard settlement. |
| Dollar Amount | Total dollars for the time period of the standard settlement. |
| Report Version Date | Time stamp representing the date and time of this report's creation. |

| BL_SUBDETAILS Change Summary | Effective Date |
|--|----------------|
| Modified. Added DA Ancillary Services Market columns to Hourly Bill Detail tab. | 03.01.2025 |
| New. | 05.25.2016 |

BL_SUBINVOICE – Subaccount Invoice Report / Remittance Advice Report for INFORMATION ONLY – Rev 0

BL_SUBINVOICE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: After Bill is issued, to all market Participants with Subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Customer ID | Customer's identification number. |
| Invoice Number | ISO control number of this invoice or remittance advice. |
| Document Date | Date of issuance. |
| Due Date | Date that payment is due to ISO New England. If funds are owed to customer, they will be deposited in the payee's account two days after this date. INFORMATION ONLY, the actual bill is issued in the BL_INVOICE report. |
| Net Amount | The net total of line item payments (positive) or charges (negative) on this invoice. INFORMATION ONLY, the actual bill is issued in the BL_INVOICE report. |
| Invoice Line Items | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Line | Number |
| Description | String description of the line item. |
| Bill From | Beginning date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Bill To | Ending date and time of interval that the line item charge or payment refers to. Form is MM/DD/YYYY HH:MM |
| Document Ref | String value representing potential source of more detailed documentation of this charge or payment. |
| Quantity | The net product or service quantity (representing the net total activity over all intervals in the Bill From/To period) that this payment or charge is based upon. |
| Unit of Measure | The unit of measure of the aforementioned quantity. |
| Net Amount | The dollar payment (positive) due or charge (negative) owed for this line item. |

| | |
|----------------------------------|-----------------------|
| BL_INVOICE Change Summary | Effective Date |
| New. | 05.25.2016 |

| FA_FTRPREAWDREQ – Financial Assurance – Customer FTR Bidding Requirements Report – Rev 2 FA_FTRPREAWDREQ_<customer id>_<AuctionPeriodBegin><Type>_<version>.CSV <customer name> <Auction Name>: <LT Auction Round or Prompt Month > and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily during FTR bidding period | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Source Location ID | Location identification number of originating location of a bid path submitted by customer for FTR auction |
| Source Location Name | Location Name |
| Source Location Type | Node, Zone, or Hub |
| Sink Location ID | Location identification number of destination location of a bid path submitted by customer for FTR auction |
| Sink Location Name | Location Name |
| Sink Location Type | Node, Zone, or Hub |
| Class Type | Designates the auction for which the bid path is applicable, specified as: <ul style="list-style-type: none"> • ONPEAK — for the on-peak auction • OFFPEAK — for the off-peak auction |
| BidFA | This column is no longer reported and will be reported as NULL |
| SRFA | Total FTR Pre-Award Settlement Risk Financial Assurance requirement for all bid segments placed for a particular FTR Path |
| Auction Name | Identifies the name of the monthly auction designated by the prompt month, the year and the BoPP month. For ex. “FEB 2019 MAR” |

| FA_FTRPREAWDREQ Change Summary | Effective Date |
|---|----------------|
| Modified. “Auction Name” column has been added. “BidFA” column will be reported as NULL. | 09.17.2019 |
| Modified. "Auction Name" will be reported in the report heading instead of auction period. | 10.09.2012 |
| Existing | 11.01.2007 |

| FI_RTDISPETIMPORT – Real-Time Dispatchable External Import Transaction Forecast Report – Rev 1 FI_RTDISPETIMPORT _<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Approximately six times daily, five minutes after the most recent RAA is approved. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Dispatchable Import Transaction ID | Numerical identifier for the Priced Import Transaction as submitted in EES |
| Import Capacity Resource ID | Numerical identifier of the Import Capacity Resource with a Capacity Supply Obligation that is linked to the Priced Import Transaction (Optional) |
| External PNODE | External Interface over which the Priced Import Transaction has been submitted: .I.SALBRYNB345 1; .I.ROSETON 345 1; .I.HQ_P1_P2345 5; .I.HQHIGATE120 2; .I.SHOREHAM138 99; .I.NRTHPORT138 5 |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Price | The price considered in the Reserve Adequacy Assessment (RAA) execution; <ul style="list-style-type: none"> As submitted in EES if Import Capacity Resource ID is not null and not cleared in the Day Ahead Energy Market As submitted in EES if cleared in the Day Ahead Energy Market and price was changed during Re-offer Period \$0 if cleared in the Day Ahead Energy Market and price was not changed during Re-offer Period |
| Requested | The hourly MWH value of the Priced Import Transaction as submitted in EES; provided that MWH value has either cleared the Day Ahead Energy Market or Import Capacity Resource ID is not null |
| Scheduled | The forecasted hourly MWH values from the most recent Reserve Adequacy Assessment (RAA) execution. |

| FI_RTDISPETIMPORT Change Summary | Effective Date |
|----------------------------------|----------------|
| Modified. | 06.01.2010 |

FI_UNITOPER – Unit Forecast Report – Rev 0

FI_UNITOPER_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Approximately six times daily. Five minutes after the most recent RAA is executed.

| REPORT COLUMN | DESCRIPTION |
|------------------|---|
| Asset ID | Numerical identifier for the asset |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Schedule | The forecasted hourly MWH values from the most recent Reserve Adequacy Assessment (RAA) execution. |

| FI_UNITOPER Change Summary | Effective Date |
|----------------------------|----------------|
| Existing. | 01.01.2001 |

OI_CLAIM1030STARTNOTIFICATION – Claim 10/30 Notification of Starts – *RETIRED*

OI_CLAIM1030STARTNOTIFICATION_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily provided at least one fast start capable asset is started for the given Operating Day.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------|--|
| Asset Short Name | Short Name of the asset |
| Asset ID | Numerical identifier for the asset |
| Date of Start | Date and time (GMT) at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Target | The output level that the asset is required to reach at the 10 minute point based upon resource offer parameters and ISO-issued dispatch instruction. Shall be the lesser of the following: <ul style="list-style-type: none">• The minimum electronic Dispatch Instruction sent to the asset between 0 and 10 minutes or the asset's Economic Minimum Limit, whichever is greater• The lesser of the Asset's Offered Claim 10 Value or the Asset's Claim 10 as of the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Output | The output level reached by the asset at the 10 minute point from when the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 30-Minute Target | The output level that the asset is required to reach at the 30 minute point based upon resource offer parameters and ISO-issued dispatch instructions. Shall be the lesser of the following: <ul style="list-style-type: none">• The minimum electronic Dispatch Instruction sent to the asset between 0 and 30 minutes or the asset's Economic Minimum Limit, whichever is greater• The lesser of the Asset's Offered Claim 30 Value or the Asset's Claim 30 as of the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 30-Minute Output | The output level reached by the asset at the 30 minute point from when the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 60 Min In-service Flag | Indicates if the asset remained in service for 60 minutes from the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Requested Audit Flag | Indicates if the start was the result of a participant-requested audit for the purpose of the 10-minute Performance Factor calculation. |
| 30-Minute Requested Audit Flag | Indicates if the start was the result of a participant-requested audit for the purpose of the 30-minute Performance Factor calculation. |
| 10-Minute Cure Audit Flag | Indicates if the start was the result of a cure audit for the purpose of the 10-minute Performance Factor calculation, following the ISO's acceptance of a restoration plan to restore the asset's CLAIM10 operational capability. |
| 30-Minute Cure Audit Flag | Indicates if the start was the result of a cure audit for the purpose of the 30-minute Performance Factor calculation, following the ISO's acceptance of a restoration plan to restore the asset's CLAIM30 operational capability. |
| 10-Minute Exclude | Indicates if the start will be excluded from the 10-minute Performance |

| OI_CLAIM1030STARTNOTIFICATION – Claim 10/30 Notification of Starts – <i>RETIRED</i> OI_CLAIM1030STARTNOTIFICATION_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily provided at least one fast start capable asset is started for the given Operating Day. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | Factor calculation. |
| 30-Minute Exclude | Indicates if the start will be excluded from the 30-minute Performance Factor calculation. |
| Contingency Flag | Indicates if the asset was issued an electronic Dispatch Instruction as a result of a system contingency event. |

| OI_CLAIM1030STARTNOTIFICATION Change Summary | Effective Date |
|--|----------------|
| Retired. This report was never released. | 05.01.2014 |
| New. The first version of this report is expected no earlier than June 2, 2013 reflecting fast start capable assets that received a startup instruction for the previous operating day. | 06.01.2013 |

| OI_DAEXTRANS – Day Ahead Market Results for External Transactions – Rev 1 OI_DAEXTRANS_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily between 16:00 and 18:00. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| EES ID | The EES ID related to the schedule |
| Schedule Name | The customer's own unique reference for the schedule [Optional] |
| Trading Interval | The schedule interval |
| Requested MW | The MW value submitted by the customer. |
| Cleared MW | The MW amount that has cleared the Day-ahead energy market. |
| Source Location Name | The Source pricing node for the MW schedule |
| Sink Location Name | The Sink pricing node for the MW schedule |

| OI_DAEXTRANS Change Summary | Effective Date |
|-----------------------------|----------------|
| Existing. | 01.01.2001 |

OI_LOSSESMD – Operating Company Losses Report – Rev 1

OI_LOSSESMD_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily to all Participants

| REPORT COLUMN | DESCRIPTION |
|------------------|---|
| Trading Interval | The hour for which the losses apply. Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| | By hour, by operating company, losses for the prior day as estimated by the ISO. Current operating companies are: <ul style="list-style-type: none">• Bangor Hydro• Boston Edison• Braintree Electric Light Dept.• Central Maine Power• ComEnergy• Connecticut Light and Power• Eastern Utilities Associates• Holyoke Gas & Electric• Holyoke Water Power• Maine Power CO Node• NEES• Public Service of New Hampshire• RIE• Taunton Municipal Light Plant• United Illuminating• Vermont Electric Co.• Western Mass Electric Company |

| OI_LOSSESMD Change Summary | Effective Date |
|--|----------------|
| Modified. Added RIE to the list of operating company. | 08.14.2023 |
| Existing. | 01.01.2001 |

OI_METER – External Tie Line Report – *RETIRED*

OI_METER_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Next day by Participants users with “Transmission” access

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|---|
| TRADING INTERVAL | Specific hour of the day defined by the end of the hour |
| KESWICK TIE | Value of meter reading (MWH). |
| HYDRO QUE TIE | Value of meter reading (MWH). |
| PHASE 11 TIE | Value of meter reading (MWH). |
| PLEASANTVY TIE | Value of meter reading (MWH). |
| N SCOTLAND TIE | Value of meter reading (MWH). |
| PLAT/PASNY TIE | Value of meter reading (MWH). |
| NET NM-VEL TIE | Value of meter reading (MWH). |
| NNC TIE | Value of meter reading (MWH). |
| CROSS SOUND CABLE DC TIE LINE | Value of meter reading (MWH). |

| OI_METER Change Summary | Effective Date |
|---|----------------|
| Retired. | 03.01.2017 |
| Modified. "NORWALK TIE" renamed "NNC TIE". | 02.01.2012 |
| Existing. | 01.01.2001 |

| OI_UNITOPER – Unit Operation Report – Rev 3 OI_UNITOPER_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Hourly to owners and lead participants of active biddable generating units. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Asset ID | Numerical identifier for the asset being reported. |
| Timestamp | Timestamp used for the information being reported in the specific row. Format: hh:mm:ss |
| Desired Dispatch Point | The control signal expressed in MWs transmitted to Generation resources. |
| Economic Maximum | Normal Maximum Generation, in MW, of a Participant's Generating Unit. This represents the highest available output from the unit for economic dispatch and is based on the physical operating characteristics of the unit as submitted as part of a Resources Offer Data. |
| Economic Minimum | The Emergency Minimum Limit; (ii) a level supported by environmental and/or operating permit restrictions; or (iii) a level that addresses any significant economic penalties associated with operating at lower levels that cannot be adequately represented by three part bidding (Start-Up Fee, No-Load Fee and incremental energy price). |
| Regulation High Limit | High Regulation Limits, considering any necessary offsets (MW). |
| Regulation Low Limit | Low Regulation Limits, considering any necessary offsets (MW). |
| Ramp Rate | Ramp Rate in MW/Minute as bid by Participant or redeclared by ISO New England |
| Dispatch Rate | The control signal, expressed in dollars per megawatt-hour and/or megawatts, calculated and transmitted to direct the output level of all generation Resources dispatched by the ISO in accordance with the Offer Data. |
| UCM | Unit Control Modes (1-6) as follows: <ul style="list-style-type: none"> • UCM 1 – Resource is off-line and unavailable • UCM 2 – Resource is off-line and available • UCM 3 – Resource is on-line and not dispatchable • UCM 4 – Resource is on-line and dispatchable • UCM 5 – Resource is on-line and posturing • UCM 6 – Resource is on-line and regulating |
| Current MW | Output of Generator as Telemetered to ISO |
| LEG Status | Flagged as Limited Energy Generator (LEG). |
| LEG Limit MW | The Maximum Generation, in MW, requested by the Participant. |
| Do Not Exceed Dispatch Instruction | The control signal expressed in MWs transmitted to Do Not Exceed (DNE) Dispatchable Generation resources. This column will contain a NULL value for operating days prior to May 25, 2016 and will be populated for all operating days starting with May 25, 2016. |

| OI_UNITOPER Change Summary | Effective Date |
|--|----------------|
| Modified. Expanded UCM code descriptions. | 11.02.2020 |
| Modified. Added new column: "Do Not Exceed Dispatch Instruction". | 05.25.2016 |
| Existing. | 01.01.2001 |

| OI_UNITOPERDRR – Unit Operation Report for Demand Response Resource – Rev 1 OI_UNITOPERDRR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Hourly to Lead Participants of Operational Demand Response Resources. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| UNIT OPERATION Section | |
| Asset ID | Numerical identifier for the Demand Response Resource (DRR) being reported. |
| Timestamp | Timestamp used for the information being reported in the specific row. Format: hh:mm:ss |
| Desired Dispatch Point | The control signal expressed in MWs transmitted to Demand Response Resources. |
| Maximum Reduction | The maximum available demand reduction, in MW, offered by the DRR in the Real-Time Energy Market. |
| Minimum Reduction | The minimum available demand reduction, in MW, offered by the DRR in the Real-Time Energy Market. |
| Demand Response Resource Ramp Rate | Average Rate, expressed in MW/Minute as bid by Participant or redeclared by ISO New England, at which the DRR can reduce demand. |
| Dispatch Rate | The control signal, expressed in dollars per megawatt-hour and/or megawatts, calculated and transmitted to direct the output level of each asset dispatched by the ISO in accordance with the Offer Data. |
| UCM | Unit Control Modes (1,2, and 4) as follows: <ul style="list-style-type: none"> • UCM 1 – Resource is off-line and unavailable • UCM 2 – Resource is off-line and available • UCM 4 – Resource is on-line and dispatchable UCM 3, 5 and 6 are not applicable to DRRs. |

| OI_UNITOPERDRR Change Summary | Effective Date |
|--|----------------|
| Modified. Expanded UCM code descriptions. | 11.02.2020 |
| New. | 06.01.2018 |

| OI_UNITRTRSV – Unit Real-Time Reserve Report – Rev 1 OI_UNITRTRSV_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: <mm/dd/yyyy> and Version: <mm/dd/yyyy hh:mm:ss> GMT Availability: Hourly to owners of dispatchable generators and ARDs and the Lead Participants of Operational Demand Response Resources (DRR). | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| UNIT RT RESERVE Section | |
| Asset ID | Numerical identifier for the asset, ARD or DRR being reported. |
| Timestamp | Timestamp used for the information being reported in the specific row. Format: hh:mm:ss |
| TMSR Designation | The MW value designated by the real-time dispatch to supply TMSR. |
| TMNSR Designation | The MW value designated by the real-time dispatch to supply TMNSR. |
| TMOR Designation | The MW value designated by the real-time dispatch to supply TMOR. |

| OI_UNITRTRSV Change Summary | Effective Date |
|---|----------------|
| Modified. No change in report structure. Updated to include Demand Response Resources. | 06.01.2018 |
| Existing. | 10.01.2006 |

OI_WEEKLYCLAIM1030 – Weekly Claim 10/30 Report – *RETIRED*

OI_WEEKLYCLAIM1030_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Weekly each Thursday for the period starting the following Monday through Sunday.

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| General Information Section | |
| Asset Short Name | Short Name of the asset |
| Asset ID | Numerical identifier for the asset |
| Market Date | Operating day (Monday through Sunday) for which values are effective <ul style="list-style-type: none">• Claim 10• Claim 30• Claim 10 Seasonal Baseline• Claim 30 Seasonal Baseline• 10-Minute Maximum Output• 30-Minute Maximum Output• Upcoming Forward Reserve Procurement Period Claim 10 Seasonal Baseline• Upcoming Forward Reserve Procurement Period Claim 30 Seasonal Baseline• 10-Minute Performance Factor• 30-Minute Performance Factor |
| Claim 10 | The Claim 10 reserve capability of the asset calculated as the asset's Claim 10 Seasonal Baseline multiplied by the asset's 10-Minute Performance Factor. |
| Claim 30 | The Claim 30 reserve capability of the asset calculated as the asset's Claim 30 Seasonal Baseline multiplied by the asset's 30-Minute Performance Factor. |
| Claim 10 Seasonal Baseline | The maximum output level reached, including output reached during an audit, at the 10-minute mark measured from when an asset's RTU automatically acknowledges receipt of an initial electronic Dispatch Instruction—but not greater than the maximum of any DDP sent by the ISO during the 10 minute period—during the current Forward Reserve Procurement period or the preceding like-season Forward Reserve Procurement Period, excluding any start in which the asset becomes out of service within 60 minutes of dispatch. |
| Claim 30 Seasonal Baseline | The maximum output level reached, including output reached during an audit, at the 30-minute mark measured from when an asset's RTU automatically acknowledges receipt of an initial electronic Dispatch Instruction—but not greater than the maximum of any DDP sent by the ISO during the 30 minute period—during the current Forward Reserve Procurement period or the preceding like-season Forward Reserve Procurement Period, excluding any start in which the asset becomes out of service within 60 minutes of dispatch. |
| 10-Minute Maximum Output | The maximum output level reached, including output reached during an audit, at the 10-minute mark measured from when an asset's RTU automatically acknowledges receipt of an initial electronic Dispatch Instruction—but not greater than the maximum of any DDP sent by the ISO during the 10 minute period—during the current Forward Reserve Procurement period, excluding any start in which the asset becomes out of service within 60 minutes of dispatch. |
| 30-Minute Maximum Output | The maximum output level reached, including output reached during an audit, at the 30-minute mark measured from when an asset's RTU |

| OI_WEEKLYCLAIM1030 – Weekly Claim 10/30 Report – <i>RETIRED</i> OI_WEEKLYCLAIM1030_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Weekly each Thursday for the period starting the following Monday through Sunday. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | automatically acknowledges receipt of an initial electronic Dispatch Instruction—but not greater than the maximum of any DDP sent by the ISO during the 30 minute period—during the current Forward Reserve Procurement period, excluding any start in which the asset becomes out of service within 60 minutes of dispatch. |
| Upcoming Forward Reserve Procurement Period Claim 10 Seasonal Baseline | Claim 10 Seasonal Baseline for the asset for the approaching Forward Reserve Procurement Period. |
| Upcoming Forward Reserve Procurement Period Claim 30 Seasonal Baseline | Claim 30 Seasonal Baseline for unit for the approaching Forward Reserve Procurement Period. |
| 10-Minute Performance Factor | <ul style="list-style-type: none"> Reflects the historical performance of an asset in delivering the requested reserves over its last ten starts For each of the last 10 ten starts, excluding dispatches that are greater than 3 years old, the Performance Factor calculation compares the 10-Minute Output to the 10-Minute Target, and computes a weighted-average for all ten starts. |
| 30-Minute Performance Factor | <ul style="list-style-type: none"> Reflects the historical performance of an asset in delivering the requested reserves over its last ten starts For each of the last 10 ten starts, excluding dispatches that are greater than 3 years old, the performance factor calculation compares the 30-Minute Output to the 30-Minute Target, and computes a weighted-average for all ten starts. |
| Startups Section | |
| Asset Short Name | Short Name of the asset |
| Asset ID | Numerical identifier for the asset |
| Date of Start | Date and time (GMT) at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Target | <p>The output level that the asset is required to reach at the 10 minute point based upon resource offer parameters and the ISO-issued dispatch instruction.</p> <p>Shall be the lesser of the following:</p> <ul style="list-style-type: none"> The minimum electronic Dispatch Instruction sent to the asset between 0 and 10 minutes or the asset's Economic Minimum Limit, whichever is greater The lesser of the Asset's Offered Claim 10 Value or the Asset's Claim 10 as of the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Output | The output level reached by the asset at the 10 minute point from when the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 30-Minute Target | <p>The output level that the asset is required to reach at the 30 minute point based upon resource offer parameters and ISO-issued dispatch instruction.</p> <p>Shall be the lesser of the following:</p> <ul style="list-style-type: none"> The minimum electronic Dispatch Instruction sent to the asset between 0 and 30 minutes or the asset's Economic Minimum |

OI_WEEKLYCLAIM1030 – Weekly Claim 10/30 Report – *RETIRED*

OI_WEEKLYCLAIM1030_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Weekly each Thursday for the period starting the following Monday through Sunday.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------|--|
| | Limit, whichever is greater <ul style="list-style-type: none">The lesser of the Asset's Offered Claim 30 Value or the Asset's Claim 30 as of the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 30-Minute Output | The output level reached by the asset at the 30 minute point from when the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| Eco Min | The Economic Minimum Limit in effect as of the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 60 Min In-service Flag | Indicates if the asset remained in service for 60 minutes from the time at which the asset's RTU automatically acknowledged receipt of the initial electronic dispatch instruction. |
| 10-Minute Requested Audit Flag | Indicates if the start was the result of a participant-requested audit for the purpose of the 10-minute Performance Factor calculation. |
| 30-Minute Requested Audit Flag | Indicates if the start was the result of a participant-requested audit for the purpose of the 30-minute Performance Factor calculation. |
| 10-Minute Cure Audit Flag | Indicates if the start was the result of a cure audit for the purpose of the 10-minute Performance Factor calculation, following the ISO's acceptance of a restoration plan to restore the asset's CLAIM10 operational capability. |
| 30-Minute Cure Audit Flag | Indicates if the start was the result of a cure audit for the purpose of the 30-minute Performance Factor calculation, following the ISO's acceptance of a restoration plan to restore the asset's CLAIM30 operational capability. |
| 10-Minute Weighting | The weighting applied to the start for the purpose of the 10-Minute Performance Factor calculation. The most recent start receives the greatest weight of 10, and each successively older start receives successively less weight down to one. Note: A value of 0 reflects that the start was not included for the purpose of the 10-Minute Performance Factor calculation. |
| 30-Minute Weighting | The weighting applied to the start for the purpose of the 30-Minute Performance Factor calculation. The most recent start receives the greatest weight of 10, and each successively older start receives successively less weight down to one. Note: A value of 0 reflects that the start was not included for the purpose of the 30-Minute Performance Factor calculation. |

| OI_WEEKLYCLAIM1030 Change Summary | Effective Date |
|--|----------------|
| Retired. This report was never released. | 05.01.2014 |
| New. The first version of this report is expected no earlier than May 30, 2013 reflecting Claim 10 and Claim 30 values to be effective the following Monday through Sunday. | 06.01.2013 |

| SD_ARRAWDSUM – ARR Award Summary – Rev 3 | |
|--|--|
| SD_ARRAWDSUM_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to ARR customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
| REPORT COLUMN | DESCRIPTION |
| Details Tab | |
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> • ON — for the on-peak auction • OFF — for the off-peak auction |
| ARR Customer Information | |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Peak Hour Load | Total load served by a customer at a particular location. Load at the peak hour is determined for each load zone. |
| Excepted Transaction MW | This column will be reported as NULL. |
| NEMA Contract MW | A customer's total NEMA Contract MW awards (applies to the NEMA load zone only). |
| Adjusted Peak Hour Load | A customer's Adjusted Peak Hour Load allocated in that location. It is determined by adding NEMA Contract MW to Peak Hour Load and subtracting Asset Related Demand MWs. |
| Load Share | A customer's share of the load at a load zone. It is determined by the ratio of their Adjusted Peak Hour Load to the Zonal Adjusted Peak Hour Load. |
| Excepted Transaction Dollars | This column will be reported as NULL. |
| NEMA Contract Dollars | The NEMA Contract Dollars is the sum of the scaled ARR dollars for a Customer's NEMA Contracts, as applicable. The dollars associated with each NEMA Contract are determined individually based on the FTR auction clearing prices and the 4-stage ARR process. They are scaled along with all other ARR awards to achieve Revenue neutrality. |
| Load Share Dollars | Load Share dollars is the product of a customer's Load Share and the Zonal Load Share Dollars. |
| Long-Term Firm Transmission Service Dollars | This column is reported as NULL. |
| ARR Locational Information | |
| Zonal Peak Hour Load | Total Peak Hour Load at the load zone location. |
| Zonal Excepted Transaction MW | This column will be reported as NULL. |
| Zonal NEMA Contract MW | Total NEMA Contract MWs allocated to all customers (applies to the NEMA load zone only). |
| Zonal Adjusted Peak Hour Load | Total Adjusted Peak Hour Load for all customers in each load zone location. |
| Zonal Excepted Transaction Dollars | This column will be reported as NULL. |
| Zonal NEMA Contract Dollars | Total NEMA Contract Dollars allocated to all customers (applies to the |

SD_ARRAWDSUM – ARR Award Summary – Rev 3

SD_ARRAWDSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement available to ARR customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | NEMA load zone only). |
| Zonal Load Share Dollars | Total Load Share Dollars allocated at the load zone. It is determined by subtracting the Zonal NEMA Contract Dollars and Zonal Asset Related Demand Dollars from the Locational ARR Scaled Dollars. |
| Total Long-Term Firm Transmission Service Dollars | This column is reported as NULL. |
| Locational ARR Scaled Dollars | Total ARR Scaled Dollars allocated to each location. This value is the sum of the Zonal NEMA Contract Dollars Zonal Load Share Dollars and Zonal Asset Related Demand Dollars |
| Asset Related Demand MWs | Total Asset Related Demand load served by a customer per load zone. |
| Asset Related Demand Dollars | Total Asset Related Demand Scaled Dollars per customer per load zone. |
| Zonal Asset Related Demand MWs | Total Asset Related Demand load served per load zone. |
| Zonal Asset Related Demand Dollars | Total Asset Related Demand Scaled Dollars per load zone. |
| Subaccount Tab | |
| Auction Information | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> ON — for the on-peak auction OFF — for the off-peak auction |
| ARR Subaccount Information | |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Peak Hour Load | Total load served by a subaccount at a particular location. Load at the peak hour is determined for each load zone. |
| NEMA Contract MW | A subaccount's total NEMA Contract MW awards (applies to the NEMA load zone only). |
| Subaccount Adjusted Peak Hour Load | A subaccount's Adjusted Peak Hour Load allocated in that location. It is determined by adding NEMA Contract MW to Peak Hour Load and subtracting Asset Related Demand MWs. |
| Customer Adjusted Peak Hour Load | A customer's Adjusted Peak Hour Load allocated in that location. It is determined by adding NEMA Contract MW to Peak Hour Load and subtracting Asset Related Demand MWs. |
| NEMA Contract Dollars | The NEMA Contract Dollars is the sum of the scaled ARR dollars for a subaccount NEMA Contracts, as applicable. The dollars associated with each NEMA Contract are determined individually based on the FTR auction clearing prices and the 4-stage ARR process. They are scaled along with all other ARR awards to achieve Revenue neutrality. |

SD_ARRAWDSUM – ARR Award Summary – Rev 3

SD_ARRAWDSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement available to ARR customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable.

| REPORT COLUMN | DESCRIPTION |
|------------------------------|--|
| Load Share Dollars | Load Share dollars is the subaccount's Adjusted Peak Hour divided by the Customer's Adjusted Peak Hour Load multiplied by the Customer Load Share Dollars. |
| Asset Related Demand MWs | Total Asset Related Demand load served by a subaccount per load zone. |
| Asset Related Demand Dollars | Total Asset Related Demand Scaled Dollars per subaccount per load zone. |

| SD_ARRAWDSUM Change Summary | Effective Date |
|--|----------------|
| Modified. New section for "Subaccount" reporting. | 10.01.2019 |
| Modified. No change in report structure. In addition to the auction period, the auction round will be reported in the "Market Name" column. | 10.09.2012 |
| Modified. No change in report structure. "Long-Term Firm Transmission Service Dollars" and "Total Long-Term Firm Transmission Service Dollars" will be reporting Null. "Peak Hour Load", "Excepted Transaction MW", "NEMA Contract MW", "Adjusted Peak Hour Load", "Zonal Peak Hour Load", "Zonal Excepted Transaction MW", "Zonal NEMA Contract MW", "Zonal Adjusted Peak Hour Load", "Asset Related Demand MWs", and "Zonal Asset Related Demand MWs" will report up to nine decimal places (previously three). | 01.01.2012 |
| Existing | 01.01.2001 |

| SD_ARRAWDSUMSUB – ARR Award Summary Subaccount – Rev 0 | |
|---|--|
| SD_ARRAWDSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> • ON – for the on-peak auction • OFF – for the off-peak auction |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Peak Hour Load | Total load served by a subaccount at a particular location. Load at the peak hour is determined for each load zone. |
| NEMA Contract MW | A subaccount's total NEMA Contract MW awards (applies to the NEMA load zone only). |
| Subaccount Adjusted Peak Hour Load | A subaccount's Adjusted Peak Hour Load allocated in that location. (NEMA Contract MW + Peak Hour Load - Asset Related Demand MWs). |
| Customer Adjusted Peak Hour Load | A customer's Adjusted Peak Hour Load allocated in that location. (NEMA Contract MW + Peak Hour Load - Asset Related Demand MWs). |
| NEMA Contract Dollars | The NEMA Contract Dollars is the sum of the scaled ARR dollars for a subaccount NEMA Contracts, as applicable. The dollars associated with each NEMA Contract are determined individually based on the FTR auction clearing prices and the 4-stage ARR process. They are scaled along with all other ARR awards to achieve Revenue neutrality. |
| Load Share Dollars | Load Share dollars is the subaccount's Adjusted Peak Hour divided by the Customer's Adjusted Peak Hour Load multiplied by the Customer Load Share Dollars. |
| Asset Related Demand MWs | Total Asset Related Demand load served by a subaccount per load zone. |
| Asset Related Demand Dollars | Total Asset Related Demand Scaled Dollars per subaccount per load zone. |

| SD_ARRAWDSUMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 11.01.2022 |

SD_ARRSUM – ARR Summary – Rev 0

SD_ARRSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none">• On — for the on-peak auction• Off — for the off-peak auction |
| ARR Summary Values | |
| ARR Source Type | The source type for the ARR summary value. Sources for ARR awards may be: Excepted Transaction, NEMA Contract, Network Upgrade and Generation Sources. |
| Stage | The ARR stage (4-stage process) where a particular auction Revenue allocation was finalized. |
| Auction Revenue Allocated | Auction Revenue allocated for a given Source Type and Stage. |
| Share of Total Auction Revenue Allocated | Auction Revenue allocated for a given Source Type and Stage as a share of the Total Auction Revenue Allocated. |

| SD_ARRSUM Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure. In addition to the auction period, the auction round will be reported in the "Market Name" column. | 10.09.2012 |
| Existing | 01.01.2001 |

| SD_ARRTRANSACT – ARR Transactions – Rev 0 SD_ARRTRANSACT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| All Customer Transactions Section | |
| Transaction Information | |
| Transaction Type | Identifies the type of transaction as either an Excepted Transaction or NEMA Contract (NEMA). |
| Transaction ID | Unique identifier given to the transaction in the ARR system. |
| Transaction Name | Transaction Name as entered in the ARR system. This name captures basic information regarding the Excepted Transaction or NEMA Contract from which the entitlement is based. |
| Buyer ID | Customer ID for the Buyer in the transaction. |
| Buyer Name | Customer Name for the Buyer. |
| Seller ID | Customer ID for the Seller in the transaction. |
| Seller Name | Customer Name for the Seller. |
| Credit Goes to | Identifies the party in the transaction that is due the ARR credit. |
| Source ARR Location ID | ARR Location ID corresponding to the location identified as the source for the transaction. Special ARR locations have been identified where multiple public pnodes have been identified as the source. |
| Source ARR Location Name | ARR Location Name corresponding to the location identified as the source for the transaction. Where a location has been identified for ARR purposes as the aggregate of multiple public locations, the Location Name will be prefixed with “ARR”. |
| Sink ARR Location ID | ARR Location ID corresponding to the location identified as the sink for the transaction. Special ARR locations have been identified where multiple public pnodes have been identified as the sink. |
| Sink ARR Location Name | ARR Location Name corresponding to the location identified as the sink for the transaction. Where a location has been identified for ARR purposes as the aggregate of multiple public locations, the Location Name will be prefixed with “ARR”. |
| Transaction MW | Transaction MWs entitled for consideration in the ARR process, pursuant to an Excepted Transaction or a NEMA Contract. This amount may have also been derived where the contract identifies the entitlement as a percentage of a particular source. |
| Customer Transactions-Awards Section | |
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> On — for the on-peak auction Off — for the off-peak auction |
| Transaction Information | |
| Transaction Type | Identifies the type of transaction as either an Excepted Transaction (ET) or NEMA Contract (NEMA). |

| SD_ARRTRANSACT – ARR Transactions – Rev 0 | |
|--|---|
| SD_ARRTRANSACT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
| REPORT COLUMN | DESCRIPTION |
| Transaction ID | Unique identifier given to the transaction in the ARR system. |
| Transaction Name | Transaction Name as entered in the ARR system. This name captures basic information regarding the Excepted Transaction or NEMA Contract from which the entitlement is based. |
| Buyer ID | Customer ID for the Buyer in the transaction. |
| Buyer Name | Customer Name for the Buyer. |
| Seller ID | Customer ID for the Seller in the transaction. |
| Seller Name | Customer Name for the Seller. |
| Credit Goes to | Identifies the party in the transaction that is due the ARR credit. |
| Source ARR Location ID | ARR Location ID corresponding to the location identified as the source for the transaction. Special ARR locations have been identified where multiple public pnodes have been identified as the source. |
| Source ARR Location Name | ARR Location Name corresponding to the location identified as the source for the transaction. Where a location has been identified for ARR purposes as the aggregate of multiple public locations, the Location Name will be prefixed with “ARR”. |
| Sink ARR Location ID | ARR Location ID corresponding to the location identified as the sink for the transaction. Special ARR locations have been identified where multiple public pnodes have been identified as the sink. |
| Sink ARR Location Name | ARR Location Name corresponding to the location identified as the sink for the transaction. Where a location has been identified for ARR purposes as the aggregate of multiple public locations, the Location Name will be prefixed with “ARR”. |
| Transaction MW | Transaction MWs entitled for consideration in the ARR process, pursuant to an Excepted Transaction or a NEMA Contract. This amount may have also been derived where the contract identifies the entitlement as a percentage of a particular source. |
| Award Information | |
| Stage Awarded | The ARR stage (4-stage process) where the MW award was finalized. |
| ARR Award MW | ARR Award MW determined as a result of the 4-stage ARR process. |
| ARR Clearing Price | The ARR Clearing Price for the path specified for the transaction. The clearing prices used in the ARR 4-stage process originate from the FTR Auction. |
| Scaled ARR Allocation | Auction Revenue allocated to a customer for a particular transaction. The values are scaled along with all other ARR awards to achieve Revenue neutrality. |

| SD_ARRTRANSACT Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure. In addition to the auction period, the auction round will be reported in the "Market Name" column. | 10.09.2012 |
| Existing | 01.01.2001 |

SD_BLACKSTARTCHARGE – OATT Schedule 16 – Black Start Charges – *RETIRED*

SD_BLACKSTARTCHARGE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|------------------------------|---|
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| Network Load Name | Name given to Network Load. |
| Monthly Network Load | Values represent customer’s monthly total of Network Load |
| Pool Monthly Network Load | Values represent Monthly total Network Load value in the pool. |
| Pool Black Start Payments | Values represent total Black Start payments in the pool. |
| Customer Black Start Charges | Values represent total Black Start charges to the customers. |

| SD_BLACKSTARTCHARGE Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any resettlements for any obligation month prior to 01.01.2013. | 01.01.2013 |
| Existing | 07.01.2007 |

| SD_BLACKSTARTPAYMENT – OATT Schedule 16 – Black Start Payment – <i>RETIRED</i> SD_BLACKSTARTPAYMENT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Seasonal Claimed Capability | Seasonal Claimed Capability (SCC) represents the Summer (SCC-S) and Winter (SCC-W) Claimed Capability of a generating unit in MW quantity. |
| Annual Rate | Black Start yearly rate value defined in OATT Schedule 16. |
| Monthly Rate | Black Start monthly rate value as derived from the Black Start Annual Rate |
| Asset Payments | Values represent the Black Start Payments for the Asset. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with an Asset. |
| Customer Payments | Values represent the Black Start payments for the customer based upon asset ownership. |

| SD_BLACKSTARTPAYMENT Change Summary | Effective Date |
|--|-----------------------|
| Retired. This report will be issued for any resettlements for any obligation month prior to 01.01.2013. | 01.01.2013 |
| Existing. | 07.01.2007 |

| SD_BSCAPITALPMT – Blackstart Capital Payment Detail – Rev 2 SD_BSCAPITALPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Summary Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Blackstart Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Blackstart Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Standard Blackstart Capital Payment (station) | For each Blackstart Station, Station-level Standard Blackstart Capital Payment + SUM (Additional Resource Standard Blackstart Capital Payment). |
| Specified-Term Blackstart Capital Payment (station) | For each Blackstart Station, Station-level Specified-Term Blackstart Capital Cost X Capital Recovery Factor + SUM (Additional Resource Specified-Term Blackstart Capital Cost X Capital Recovery Factor). |
| Blackstart CIP Capital Payment (station) | For each Blackstart CIP Station, the DBR with the highest CIP Capital Payment shall be the annual CIP Capital Payment for the Blackstart Station. As of January 1, 2019, this column is NULL. |
| Total Blackstart Capital Payment (station) | For each Blackstart Station = Annual Station Specified-Term Blackstart Capital Payment + Annual Station Standard Blackstart Capital Payment. |
| Monthly Blackstart Capital Payment (station) | For each Blackstart Station, Total Blackstart Capital Payment / 12. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Standard Capital Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Appendix A: Station-level Standard Blackstart Capital Payment | Station-level Standard Blackstart Capital Payment from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |

SD_BSCAPITALPMT – Blackstart Capital Payment Detail – Rev 2

SD_BSCAPITALPMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Appendix A: Additional Resource Standard Blackstart Capital Payment | Additional Resource Standard Blackstart Capital Payment from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Resource Capital Standard Station-level Flag | An indicator that identifies which DBR at the Station is the Station-level DBR. The DBR with the highest Station-level Standard Payment shall be the Station-level Blackstart Resource. |
| Station-level Standard Blackstart Capital Payment | Dollar value associated with the Station-level Blackstart Resource. |
| Additional Resource Standard Blackstart Capital Payment | Dollar value associated with the Additional Blackstart Resource. For each DBR in a Blackstart Station that is not the Station-level Blackstart Resource. |
| Standard Blackstart Capital Payment (station) | For each Blackstart Station, Station-level Standard Blackstart Capital Payment + SUM (Additional Resource Standard Blackstart Capital Payment). |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Specified-Term Capital Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Blackstart Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Blackstart Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Appendix A: Station-level Specified-Term Blackstart Capital Cost | Station-level Specified-Term Blackstart Capital Cost from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Appendix A: Additional Resource Specified-Term Blackstart Capital Cost | Additional Resource Specified-Term Blackstart Capital Cost from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| In-Service Date | Date from the CELT Report used to determine machine age. |
| Commitment Effective Date | Effective Date of the Commitment. |
| Commitment Effective Designated Blackstart Resource Age | The age of the DBR as determined by the Commitment Effective Date and the In-Service Date. |
| Capital Recovery Factor | Capital Recovery Factor from Appendix A determined by the Designated Blackstart Resource age. This value is published in the WW report ww_appendixaschedule16. |

| SD_BSCAPITALPMT – Blackstart Capital Payment Detail – Rev 2 SD_BSCAPITALPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Calculated Capital Recovery Station-level Specified-Term Blackstart Capital Payment | For each DBR, Appendix A: Station-level Specified-Term Blackstart Capital Cost X Capital Recovery Factor. |
| Calculated Capital Recovery Additional Resource Specified-Term Blackstart Capital Payment | For each DBR, Appendix A: Additional Resource Specified-Term Blackstart Capital Cost X Capital Recovery Factor. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Resource Specified-Term Station-level Flag | An indicator that identifies which DBR at the Blackstart Station is the Station-level DBR. The DBR with the highest Station-level Specified-Term Blackstart Capital Payment shall be the Station-level Blackstart Resource. |
| Station-level Specified-Term Blackstart Capital Payment | Dollar value of the Calculated Capital Recovery Station-level Specified-Term Blackstart Capital Payment for the Station-level Blackstart Resource. |
| Additional Resource Specified-Term Blackstart Capital Payment | Dollar value of the Calculated Capital Recovery Additional Resource Specified-Term Blackstart Capital Payment for each DBR that is not the Station-level Blackstart Resource. |
| Specified-Term Blackstart Capital Payment (station) | For each Blackstart Station, Station-level Specified-Term Blackstart Capital Payment + SUM (Additional Resource Specified-Term Blackstart Capital Payment). |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| CIP Capital Section This section is reported for market dates prior to January 1, 2019 | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Blackstart Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Appendix A: Blackstart CIP Capital Payment | The Blackstart CIP Capital Payment from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Blackstart CIP Station Name | The name of the Blackstart CIP Station. |
| Blackstart CIP Station Eligible Effective Date | The date upon which a Blackstart Station first became eligible for CIP compensation. |
| Resource CIP Station-level Flag | An indicator that identifies which DBR at the Station is the CIP Station-level Blackstart Resource. For each Blackstart Station, the DBR with the |

SD_BSCAPITALPMT – Blackstart Capital Payment Detail – Rev 2

SD_BSCAPITALPMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | highest CIP Capital Payment shall be the CIP Station-level Blackstart Resource. |
| Station-level Blackstart CIP Capital Payment (station) | Dollar value of the largest Blackstart CIP Capital Payment for the Blackstart CIP Station. |
| Blackstart CIP Capital Payment (station) | Dollar value of the Station-level Blackstart CIP Capital Payment (station) that will be shared by all DBRs at the Blackstart CIP Station. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSCAPITALPMT Change Summary | Effective Date |
|---|----------------|
| Modified. In the “Summary Section”, “Blackstart CIP Capital Payment (station)” is null effective January 1, 2019 and modified the description for “Total Blackstart Capital Payment (station)”. “CIP Capital Section” is NULL effective January 1, 2019. | 01.01.2019 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Summary”, “Standard Capital”, “Specified-Term Capital” and “CIP Capital” sections. | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

| SD_BSCAPITALPMTSUB – Blackstart Capital Payment Detail Subaccount – Rev 0 SD_BSCAPITALPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Summary Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | Commitment Type |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Blackstart Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Blackstart Station Name | Blackstart Station Name |
| Standard Blackstart Capital Payment (station) | For each Blackstart Station: Station-level Standard Blackstart Capital Payment + SUM (Additional Resource Standard Blackstart Capital Payment) |
| Specified-Term Blackstart Capital Payment (station) | For each Blackstart Station: Station-level Specified-Term Blackstart Capital Cost x Capital Recovery Factor + SUM (Additional Resource Specified-Term Blackstart Capital Cost x Capital Recovery Factor). |
| Blackstart CIP Capital Payment (station) | For each Blackstart CIP Station, the DBR with the highest CIP Capital Payment shall be the annual CIP Capital Payment for the Blackstart Station. As of January 1, 2019, this column is NULL. |
| Total Blackstart Capital Payment (station) | For each Blackstart Station: Annual Station Specified-Term Blackstart Capital Payment + Annual Station Standard Blackstart Capital Payment. |
| Monthly Blackstart Capital Payment (station) | For each Blackstart Station: Total Blackstart Capital Payment / 12. |
| Standard Capital Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | Commitment Type |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |

| SD_BSCAPITALPMTSUB – Blackstart Capital Payment Detail Subaccount – Rev 0 SD_BSCAPITALPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Appendix A: Station-level Standard Blackstart Capital Payment | Station-level Standard Blackstart Capital Payment from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Appendix A: Additional Resource Standard Blackstart Capital Payment | Additional Resource Standard Blackstart Capital Payment from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Blackstart Station Name | Blackstart Station Name |
| Resource Capital Standard Station-level Flag | An indicator that identifies which DBR at the Station is the Station level DBR. The DBR with the highest Station-level Standard Payment shall be the Station-level Blackstart Resource. |
| Station-level Standard Blackstart Capital Payment | Dollar value associated with the Station-level Blackstart Resource. |
| Additional Resource Standard Blackstart Capital Payment | Dollar value associated with the Additional Blackstart Resource. For each DBR in a Blackstart Station that is not the Station-level Blackstart Resource. |
| Standard Blackstart Capital Payment (station) | For each Blackstart Station: Station-level Standard Blackstart Capital Payment + SUM (Additional Resource Standard Blackstart Capital Payment) |
| Specified-Term Capital Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | Commitment Type |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the DBR located at a Blackstart Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Appendix A: Station-level Specified-Term Blackstart Capital Cost | Station-level Specified-Term Blackstart Capital Cost from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Appendix A: Additional Resource Specified-Term Blackstart Capital Cost | Additional Resource Specified-Term Blackstart Capital Cost from Appendix A determined by the DBR type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| In-Service Date | Date from the CELT Report used to determine machine age. |
| Commitment Effective Date | Effective Date of the Commitment. |
| Commitment Effective Designated Blackstart Resource Age | The age of the DBR as determined by the Commitment Effective Date and the In-Service Date. |

| SD_BSCAPITALPMTSUB – Blackstart Capital Payment Detail Subaccount – Rev 0 SD_BSCAPITALPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Capital Recovery Factor | Capital Recovery Factor from Appendix A determined by the Designated Blackstart Resource age. This value is published in the WW report ww_appendixaschedule16 . |
| Calculated Capital Recovery Station-level Specified-Term Blackstart Capital Payment | For each DBR, Appendix A: Station-level Specified-Term Blackstart Capital Cost x Capital Recovery Factor. |
| Calculated Capital Recovery Additional Resource Specified-Term Blackstart Capital Payment | For each DBR, Appendix A: Additional Resource Specified-Term Blackstart Capital Cost x Capital Recovery Factor. |
| Blackstart Station Name | Blackstart Station Name |
| Resource Specified-Term Station-level Flag | An indicator that identifies which DBR at the Blackstart Station is the Station-level DBR. The DBR with the highest Station-level SpecifiedTerm Blackstart Capital Payment shall be the Station-level Blackstart Resource. |
| Station-level Specified-Term Blackstart Capital Payment | Dollar value of the Calculated Capital Recovery Station-level Specified-Term Blackstart Capital Payment for the Station-level Blackstart Resource. |
| Additional Resource Specified-Term Blackstart Capital Payment | Dollar value of the Calculated Capital Recovery Additional Resource Specified-Term Blackstart Capital Payment for each DBR that is not the Station-level Blackstart Resource. |
| Specified-Term Blackstart Capital Payment (station) | For each Blackstart Station: Station-level Specified-Term Blackstart Capital Payment + SUM (Additional Resource Specified-Term Blackstart Capital Payment). |

| SD_BSCAPITALPMTSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

SD_BSCHARGE – Blackstart Service Charges – Rev 1

SD_BSCHARGE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|--|
| DUNS Number | The number used to identify the "entity responsible for the customer's bill". |
| Regional Network Load ID | The number assigned to customer in SMS Tariff Network System User Interface (UI). |
| Regional Network Load Name | The name given to Regional Network Load. |
| Regional Network Load Value | The customer's monthly total of Regional Network Load. |
| Pool Total Regional Network Load Value | The monthly total Regional Network Load value for the pool. |
| Pool Total Blackstart Service Payments (month) | The total Blackstart payments for the pool. |
| Blackstart Service Charge (month) | The customer's total Blackstart charges. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Regional Network Load. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSCHARGE Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 6.13.2014 |
| New. The first version of this report is expected no earlier than February 20, 2013 for the obligation month of January 2013. | 01.01.2013 |

SD_BSCHARGESUB – Blackstart Service Charges Subaccount– Rev 0

SD_BSCHARGESUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| DUNS Number | DUNS Number |
| Regional Network Load ID | Regional Network Load ID |
| Regional Network Load Name | Regional Network Load Name |
| Regional Network Load Value | The customer's monthly total of Regional Network Load. |
| Pool Total Regional Network Load Value | The monthly total Regional Network Load value for the pool. |
| Pool Total Blackstart Service Payments (month) | The total Blackstart payments for the pool. |
| Blackstart Service Charge (month) | The customer's total Blackstart charges. |

| SD_BSCHARGESUB Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 11.01.2022 |

| SD_BSEQUIPDAMAGE – Blackstart Equipment Damage Reimbursement Detail – Rev 1 | |
|---|--|
| SD_BSEQUIPDAMAGE_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Determined by associated Market Service | |
| REPORT COLUMN | DESCRIPTION |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource Equipment Damage Reimbursement Dollars | The total equipment damage reimbursement per Designated Blackstart Resource. |
| Resource Equipment Damage Reimbursement Start Date | The start date for which a Designated Blackstart Resource is eligible for the equipment damage reimbursement. |
| Resource Equipment Damage Reimbursement End Date | The end date for which a Designated Blackstart Resource is eligible for the equipment damage reimbursement. |
| Monthly Resource Equipment Damage Reimbursement Dollars | The Resource Equipment Damage Reimbursement Dollars divided by the total months' reimbursement (as determined by the Resource Equipment Damage Reimbursement Start Date and End Date). |
| Ownership Share | The customer's Ownership share of the Asset. |
| Equipment Damage Reimbursement (Individual) | The monthly Resource Equipment Damage Reimbursement Dollars times the Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSEQUIPDAMAGE Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| New. The first version of this report would be released when Blackstart Equipment Damage standard settlements are created, no earlier than June 10, 2013. | 01.01.2013 |

| SD_BSNONDBRSCPMT – Blackstart Non-DBR Study Cost Payment Detail – Rev 1 | |
|---|---|
| SD_BSNONDBRSCPMT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Determined by associated Market Service | |
| REPORT COLUMN | DESCRIPTION |
| Non-Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Commission- accepted Compensation | The indicator that Non-DBR Study Costs information is Commission-accepted. |
| Resource Non-DBR Study Cost Payment | The dollar amount of the Non-DBR Study Costs for which the Non-Designated Blackstart Resource is eligible. |
| Non-DBR Study Cost Payment Start Date | The start date for which a Non-Designated Blackstart Resource is eligible for the Non-DBR Study Payment. |
| Non-DBR Study Cost Payment End Date | The end date for which a Non-Designated Blackstart Resource is eligible for the Non-DBR Study Payment. |
| Monthly Non-DBR Study Cost Payment | The Resource Non-DBR Study Cost Payment divided by the total months' reimbursement (as determined by the Non-DBR Study Cost Payment Start Date and End Date). |
| Ownership Share | The customer's Ownership share of the asset. |
| Non-DBR Study Cost Payments | The monthly Non-DBR Study Costs times the Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSNONDBRSCPMT Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| New. The first version of this report would be released when Blackstart Non-DBR Study Cost standard settlements are created, no earlier than June 10, 2013. | 01.01.2013 |

| SD_BSNONDBRSCPMTSUB – Blackstart Non-DBR Study Cost Payment Detail Subaccount– Rev 0 | |
|--|---|
| SD_BSNONDBRSCPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Non-Designated Blackstart Resource Name | Non-Designated Blackstart Resource Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Commission- accepted Compensation | The indicator that Non-DBR Study Costs information is Commission accepted. |
| Resource Non-DBR Study Cost Payment | The dollar amount of the Non-DBR Study Costs for which the Non-Designated Blackstart Resource is eligible. |
| Non-DBR Study Cost Payment Start Date | The start date for which a Non-Designated Blackstart Resource is eligible for the Non-DBR Study Payment. |
| Non-DBR Study Cost Payment End Date | The end date for which a Non-Designated Blackstart Resource is eligible for the Non-DBR Study Payment. |
| Monthly Non-DBR Study Cost Payment | The Resource Non-DBR Study Cost Payment / the total months' reimbursement (as determined by the Non-DBR Study Cost Payment Start Date and End Date) |
| Ownership Share | Ownership Share |
| Non-DBR Study Cost Payments | Monthly Non-DBR Study Costs \times Ownership Share |

| SD_BSNONDBRSCPMTSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 11.01.2022 |

SD_BSOPERATIONS – Blackstart Operations Detail – Rev 2

SD_BSOPERATIONS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource. |
| Asset ID | The numerical identifier for the Asset. |
| Asset Name | The name of the Asset. |
| Blackstart CIP Station Effective Date | The date upon which the Blackstart CIP Station associated with the Designated Blackstart Resource first became eligible for Critical Infrastructure Protection (CIP) compensation. Effective January 01, 2019, this field shall contain a NULL value. |
| Test By Date | If the most recent Test Status = PASS, the last day of the month, 12 months from the Most Recent Test Date. If the most recent Test Status = FAIL, the sooner of: <ul style="list-style-type: none"> • The 30th day as calculated from the Most Recent Test Date, or, • The end of the 12-month rolling date as calculated from the Most Recent Test Date where Test Status = PASS. |
| Most Recent Test Date | The date upon which the Designated Blackstart Resource most recently performed a test, regardless of Test Status. |
| Most Recent Test Status | The status of the test most recently performed. The following are defined status values: <ul style="list-style-type: none"> • PASS: Status, as determined by the ISO, to have met the applicable testing requirements. • FAIL: Status, as determined by the ISO, to have not met the applicable testing requirements. |
| Most Recent Passed Test Date | The date of the Most Recent Test Status of PASS. |
| Failure to Maintain Effective Date | The date upon which the Failure to Maintain occurred. |
| Failure to Perform Effective Date | The date upon which the Failure to Perform occurred. |
| Correction Due Date | The date upon which the Designated Blackstart Resource must correct the Failure to Maintain Blackstart Capability or Failure to Perform During a System Restoration. |
| Commitment Type | The commitment type of the DBR. The following are defined Commitment Types: <ul style="list-style-type: none"> • A • B – Open Term • B – Open Term Minimum Period • B – Specified Term • Commission-Approved |
| Commitment Effective Date | The date upon which the Designated Blackstart Resource became eligible for compensation under the current Commitment. |

SD_BSOPERATIONS – Blackstart Operations Detail – Rev 2

SD_BSOPERATIONS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Minimum Period or Specified-Term Completion Date | The date upon which the Minimum Period or Specified Term shall end. |
| Commitment Termination Date | The date upon which the commitment between the Designated Blackstart Resource and the ISO ends making the Designated Blackstart Resource ineligible for compensation under this Commitment. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSOPERATIONS Change Summary | Effective Date |
|---|----------------|
| Modified. Added note that “Blackstart CIP Station Effective Date” field is NULL effective January 01, 2019. | 06.02.2020 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

SD_BSOPERATIONSSUB – Blackstart Operations Detail Subaccount – Rev 0

SD_BSOPERATIONSSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Operations | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Test By Date | <p>If the most recent Test Status = PASS, the last day of the month, 12 months from the Most Recent Test Date.</p> <p>If the most recent Test Status = FAIL, the sooner of:</p> <ul style="list-style-type: none"> The 30th day as calculated from the Most Recent Test Date, <p>or,</p> <ul style="list-style-type: none"> The end of the 12-month rolling date as calculated from the Most Recent Test Date where Test Status = PASS. |
| Most Recent Test Date | The date upon which the Designated Blackstart Resource most recently performed a test, regardless of Test Status. |
| Most Recent Test Status | <p>The status of the test most recently performed. The following are defined status values:</p> <ul style="list-style-type: none"> PASS: Status, as determined by the ISO, to have met the applicable testing requirements. FAIL: Status, as determined by the ISO, to have not met the applicable testing requirements. |
| Most Recent Passed Test Date | The date of the Most Recent Test Status of PASS. |
| Failure to Maintain Effective Date | The date upon which the Failure to Maintain occurred. |
| Failure to Perform Effective Date | The date upon which the Failure to Perform occurred. |
| Correction Due Date | The date upon which the Designated Blackstart Resource must correct the Failure to Maintain Blackstart Capability or Failure to Perform During a System Restoration. |
| Commitment Type | <p>The commitment type of the DBR. The following are defined Commitment Types:</p> <p>A</p> <p>B – Open Term</p> <p>B – Open Term Minimum Period</p> <p>B – Specified Term</p> <p>Commission-Approved</p> |

| SD_BSOPERATIONSSUB – Blackstart Operations Detail Subaccount – Rev 0 SD_BSOPERATIONSSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Commitment Effective Date | The date upon which the Designated Blackstart Resource became eligible for compensation under the current Commitment. |
| Minimum Period or Specified-Term Completion Date | The date upon which the Minimum Period or Specified Term shall end. |
| Commitment Termination Date | The date upon which the commitment between the Designated Blackstart Resource and the ISO ends making the Designated Blackstart Resource ineligible for compensation under this Commitment. |

| SD_BSOPERATIONSSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

| SD_BSOPMAINTPMT – Blackstart Operations and Maintenance Payment Detail – Rev 1 SD_BSOPMAINTPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Summary Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Blackstart O+M Payment (station) | For each Blackstart Standard Type Station = Adjusted Station-Level Resource Blackstart O+M Payment + SUM (Adjusted Additional Resource Blackstart O+M Payment). |
| Blackstart CIP O+M Payment (station) | Blackstart Station CIP O+M Payment from Appendix A determined by the Designated Blackstart Resource type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. As of January 1, 2019, this column is NULL. |
| Total Blackstart O+M Payment (station) | Blackstart O+M Payment (station) . |
| Monthly Blackstart O+M Payment (station) | Total Blackstart O+M Payment (station) /12. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| O+M Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Appendix A: Station-level Blackstart O+M Payment | Station-Level Standard Blackstart Capital Payment from Appendix A determined by the Designated Blackstart Resource type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |

| SD_BSOPMAINTPMT – Blackstart Operations and Maintenance Payment Detail – Rev 1 SD_BSOPMAINTPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Appendix A: Additional Resource Blackstart O+M Payment | Additional Resource Blackstart O+M Payment from Appendix A determined by the Designated Blackstart Resource type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Resource O+M Station-level Flag | An indicator that identifies which DBR at the station is the Station-level DBR. The Designated Blackstart Resource with the highest Station-level Blackstart O+M Payment shall be the Station-Level Resource. If the Blackstart Station has more than one Designated Blackstart Resource that qualifies as the Station-Level Resource, this value shall be the Designated Blackstart Resource with the lowest numeric component of the machine ID, e.g. machine ID 6571 is lower than 6572. |
| Station-level Blackstart O+M Payment | The compensation for the annual Operations and Maintenance expenses for providing Blackstart Service. |
| Additional Resource Blackstart O+M Payment | The compensation for the additional annual Operations and Maintenance expenses for providing Blackstart Service. |
| Blackstart O+M Payment (station) | For each Blackstart Station, Station-level Blackstart O+M Payment + Additional Resource Blackstart O+M Payment. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| CIP O+M Section This is reported for market dates prior to January 1, 2019. | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Appendix A: Blackstart CIP O+M Payment | Compensation to certain Blackstart Stations for the annual O+M expense necessary for compliance with NERC Critical Infrastructure Protection (CIP) standards as derived from Schedule 16, Appendix A, and Table 6 – Blackstart CIP Payments and Costs. |
| Blackstart CIP Station Name | The name of the Blackstart CIP Station. |
| Blackstart CIP Station Effective Date | The date upon which a Blackstart Station first became eligible for CIP compensation. |

| SD_BSOPMAINTPMT – Blackstart Operations and Maintenance Payment Detail – Rev 1 | |
|--|---|
| SD_BSOPMAINTPMT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly | |
| REPORT COLUMN | DESCRIPTION |
| Resource CIP Station-level Flag | <p>An indicator that identifies which DBR at the Station is the CIP Station-level DBR. For each Blackstart Station, the Designated Blackstart Resource with the highest CIP Capital Payment shall be the CIP Station-level DBR.</p> <p>If the Blackstart Station has more than one Designated Blackstart Resource that qualifies as the highest Blackstart CIP Capital Payment, this value shall be the machine with the lowest numeric component of the machine ID, e.g. machine ID 6571 is lower than 6572.</p> |
| Blackstart Station-level CIP O+M Payment (station) | The dollar value of the largest Blackstart CIP O+M Payment for the Blackstart CIP Station. |
| Blackstart CIP O+M Payment (station) | Blackstart Station CIP O+M Payment from Appendix A determined by the Designated Blackstart Resource type. This value is calculated annually and is published in the WW report ww_appendixaschedule16. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_BSOPMAINTPMT Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Summary Section”, “Blackstart CIP O+M Payment (station)” is NULL effective January 1, 2019 and modified the description of “Total Blackstart O+M Payment (station)”. “CIP O+M Section” is NULL effective January 1, 2019. | 01.01.2019 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" in the "Summary", "O+M", and "CIP O+M" sections. | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

| SD_BSOPMAINTPMTSUB– Blackstart Operations and Maintenance Payment Detail Subaccount– Rev 0 SD_BSOPMAINTPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Summary | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Blackstart Station Name | Blackstart Station Name |
| Blackstart O+M Payment (station) | For each Blackstart Standard Type Station, Adjusted Station-Level Resource Blackstart O+M Payment + SUM (Adjusted Additional Resource Blackstart O+M Payment). |
| Total Blackstart O+M Payment (station) | Blackstart O+M Payment (station) |
| Monthly Blackstart O+M Payment (station) | Total Blackstart O+M Payment (station) /12 |
| O+M | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | Commitment Type |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Appendix A: Station-level Blackstart O+M Payment | Station-Level Standard Blackstart Capital Payment from Appendix A determined by the Designated Blackstart Resource type. This value is calculated annually and is published in the WW report ww_appendixaschedule16 . |
| Appendix A: Additional Resource Blackstart O+M Payment | Additional Resource Blackstart O+M Payment from Appendix A determined by the Designated Blackstart Resource type. This value is |

| SD_BSOPMAINTPMTSUB– Blackstart Operations and Maintenance Payment Detail Subaccount– Rev 0 SD_BSOPMAINTPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | calculated annually and is published in the WW report ww_appendixaschedule16. |
| Blackstart Station Name | Blackstart Station Name |
| Resource O+M Station-level Flag | An indicator that identifies which DBR at the station is the Stationlevel DBR. The Designated Blackstart Resource with the highest Station-level Blackstart O+M Payment shall be the Station-Level Resource. If the Blackstart Station has more than one Designated Blackstart Resource that qualifies as the Station-Level Resource, this value shall be the Designated Blackstart Resource with the lowest numeric component of the machine ID, e.g. machine ID 6571 is lower than 6572. |
| Station-level Blackstart O+M Payment | The compensation for the annual Operations and Maintenance expenses for providing Blackstart Service. |
| Additional Resource Blackstart O+M Payment | The compensation for the additional annual Operations and Maintenance expenses for providing Blackstart Service. |
| Blackstart O+M Payment (station) | For each Blackstart Station, Station-level Blackstart O+M Payment + Additional Resource Blackstart O+M Payment. |

| SD_BSOPMAINTPMTSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

| SD_BSSTANDARDRATEPMT – Blackstart Standard Rate Payment Detail – Rev 1 SD_BSSTANDARDRATEPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Standard Rate Payment Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | The commitment type of the DBR located at a Station. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Blackstart Station Name | Name of the Blackstart Station. |
| Designated Blackstart Resource (station) Nameplate MVA Value | The sum of all the DBR MVAs at the Station. |
| Monthly Blackstart O+M Payment (station) | For each Designated Blackstart Station, the Total Blackstart Station O&M Payment per month. |
| Monthly Blackstart Capital Payment (station) | For each Designated Blackstart Station, the Total Blackstart Station Capital Payment per month. |
| Total Blackstart O+M Payment (individual) | For each Designated Blackstart Resource, the individual MVA pro-rata share of the Monthly Blackstart O+M Payment (station). |
| Total Blackstart Capital Payment (individual) | For each Designated Blackstart Resource, the individual MVA pro-rata share of the Monthly Blackstart Capital Payment (station). |
| Active O+M Days | Number of days in the month that a DBR is eligible for O+M Payment. |
| Active Capital Days | Number of days in the month that a DBR is eligible for Capital Payment. |
| Total Days in Month | Number of days in the settlement month. |
| Total Active Days Pro-rata O+M Payment (individual) | Total Blackstart O+M Payment (individual) X (Active O+M Days / Total Days in Month). |
| Total Active Days Pro-rata Capital Payment (individual) | Total Blackstart Capital Payment (individual) X (Active Capital Days/Total Days in Month). |
| Total Active Days Blackstart Standard Rate Payment (individual) | Total Active Days Pro-rata O+M Payment (individual) + Total Active Days Pro-rata Capital Payment (individual). |
| Ownership Share | The customer's Ownership share of the Asset. |
| Blackstart Standard Rate Payment (individual) | Blackstart Standard Rate Payment (individual) X Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Suspension of Payments Detail Section | |
| Day | Specific day for which the information is reported. |

| SD_BSSTANDARDRATEPMT – Blackstart Standard Rate Payment Detail – Rev 1 SD_BSSTANDARDRATEPMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Designated Blackstart Resource Name | Name of the Designated Blackstart Resource. |
| Compensation Status | Indicator showing days in the month where a DBR is receiving less than full compensation. |

| SD_BSSTANDARDRATEPMT Change Summary | Effective Date |
|---|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" in the "Summary" section. | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

SD_BSSTANDARDRATEPMTSUB – Blackstart Standard Rate Payment Detail Subaccount – Rev 0
SD_BSSTANDARDRATEPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Standard Rate Payment | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Type | Commitment Type |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Blackstart Station Name | Blackstart Station Name |
| Designated Blackstart Resource (station) Nameplate MVA Value | The sum of all the DBR MVAs at the Station. |
| Monthly Blackstart O+M Payment (station) | For each Designated Blackstart Station, the Total Blackstart Station O&M Payment per month. |
| Monthly Blackstart Capital Payment (station) | For each Designated Blackstart Station, the Total Blackstart Station Capital Payment per month. |
| Total Blackstart O+M Payment (individual) | For each Designated Blackstart Resource, the individual MVA pro-rata share of the Monthly Blackstart O+M Payment (station). |
| Total Blackstart Capital Payment (individual) | For each Designated Blackstart Resource, the individual MVA pro-rata share of the Monthly Blackstart Capital Payment (station). |
| Active O+M Days | Number of days in the month that a DBR is eligible for O+M Payment. |
| Active Capital Days | Number of days in the month that a DBR is eligible for Capital Payment. |
| Total Days in Month | Number of days in the settlement month. |
| Total Active Days Pro-rata O+M Payment (individual) | Total Blackstart O+M Payment (individual) \times (Active O+M Days / Total Days in Month). |
| Total Active Days Pro-rata Capital Payment (individual) | Total Blackstart Capital Payment (individual) \times (Active Capital Days/Total Days in Month). |
| Total Active Days Blackstart Standard Rate Payment (individual) | Total Active Days Pro-rata O+M Payment (individual) + Total Active Days Pro-rata Capital Payment (individual) |
| Ownership Share | Ownership Share |
| Blackstart Standard Rate Payment (individual) | Blackstart Standard Rate Payment (individual) \times Ownership Share |

| | |
|---|-----------------------|
| SD_BSSTANDARDRATEPMTSUB Change Summary | Effective Date |
| New. | 11.01.2022 |

| SD_BSSTATIONSPECIFIC – Blackstart Station-specific Rate Payment Detail – Rev 2 SD_BSSTATIONSPECIFIC_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Summary Section | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Effective Date | The effective date of the current Commitment. |
| Commitment End Date | The end date of the current Station-specific Commitment. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Blackstart Station Name | Name of the Blackstart Station |
| Designated Blackstart Resource (station) Nameplate MVA Value | The sum of all the DBR MVAs at the station. |
| Total Blackstart Station-specific O+M Payment (station) | Annual Blackstart Station-Specific O+M Payment as approved by FERC. |
| Blackstart Station-specific Capital Payment (station) | Annual Blackstart Station-specific Capital Payment as approved by FERC. |
| Blackstart Station-specific CIP Capital Payment (station) | Annual Blackstart Station-specific CIP Capital Payment as approved by FERC. As of January 1, 2019, this column is NULL. |
| Total Blackstart Station-specific Capital Payment (station) | The sum of the Blackstart Station-specific Capital Payment. |
| Monthly Blackstart Station-specific O+M Payment (station) | Total Blackstart Station-specific O+M Payment (station) divided by 12. |
| Monthly Blackstart Station-specific Capital Payment (station) | Total Blackstart Station-specific Capital Payment (station) divided by 12. |
| Monthly Blackstart Station-specific O+M Payment (individual) | Monthly Blackstart Station-specific O+M Payment (station) times Designated Blackstart Resource (individual) Nameplate MVA Value divided by Designated Blackstart Resource (station) Nameplate MVA Value. |
| Monthly Blackstart Station-specific Capital Payment (individual) | Monthly Blackstart Station-specific Capital Payment (station) times Designated Blackstart Resource (individual) Nameplate MVA Value divided by Designated Blackstart Resource (station) Nameplate MVA Value. |
| Active O+M Days | Number of days in the month that a DBR is eligible for O+M Payment. |
| Active Capital Days | Number of days in the month that a DBR is eligible for Capital Payment. |
| Total Days in Month | Number of days in the settlement month. |

| SD_BSSTATIONSPECIFIC – Blackstart Station-specific Rate Payment Detail – Rev 2 | |
|---|---|
| SD_BSSTATIONSPECIFIC_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly | |
| REPORT COLUMN | DESCRIPTION |
| Total Active Days Pro-rata Blackstart Station-specific O+M Payment (individual) | Monthly Blackstart Station-specific O+M Payment (individual) times Active O+M Days divided by Total Days in Month. |
| Total Active Days Pro-rata Blackstart Station-specific Capital Payment (individual) | Monthly Blackstart Station-specific Capital Payment (individual) times Active Capital Days divided by Total Days in Month. |
| Blackstart Station-specific Rate Payment (individual) | The sum of Total Active Days Pro-rata Blackstart Station-specific O+M Payment (individual) and Total Active Days Pro-rata Blackstart Station-specific Capital Payment (individual). |
| Ownership Share | The customer's Ownership share of the Asset. |
| Blackstart Station-specific Rate Payment (individual) | Blackstart Station-specific Rate Payment (individual) times the Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Suspension of Payments Detail Section | |
| Day | Specific day for which the information is reported. |
| Designated Blackstart Resource Name | Name of the Designated Blackstart Resource. |
| Compensation Status | Indicator showing days in the month where a DBR is receiving less than full compensation. |

| SD_BSSTATIONSPECIFIC Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Summary Section”, “Blackstart Station-specific CIP Capital Payment (station)”, is NULL effective January 1, 2019 and updated the description for “Total Blackstart Station-specific Capital Payment (station)”. | 01.01.2019 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" in the "Summary" section. | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

SD_BSSTATIONSPECIFICSUB – Blackstart Station-specific Rate Payment Detail Subaccount– Rev 0

SD_BSSTATIONSPECIFICSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Station-Specific | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Commitment Effective Date | The effective date of the current Commitment. |
| Commitment End Date | The end date of the current Station-specific Commitment. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Blackstart Station Name | Blackstart Station Name |
| Designated Blackstart Resource (station) Nameplate MVA Value | The sum of all the DBR MVAs at the station. |
| Total Blackstart Station-specific O+M Payment (station) | Annual Blackstart Station-Specific O+M Payment as approved by FERC. |
| Blackstart Station-specific Capital Payment (station) | Annual Blackstart Station-specific Capital Payment as approved by FERC. |
| Total Blackstart Station-specific Capital Payment (station) | The sum of the Blackstart Station-specific Capital Payment. |
| Monthly Blackstart Station-specific O+M Payment (station) | Total Blackstart Station-specific O+M Payment (station) / 12 |
| Monthly Blackstart Station-specific Capital Payment (station) | Total Blackstart Station-specific Capital Payment (station) / 12 |
| Monthly Blackstart Station-specific O+M Payment (individual) | Monthly Blackstart Station-specific O+M Payment (station) x Designated Blackstart Resource (individual) Nameplate MVA Value / Designated Blackstart Resource (station) Nameplate MVA Value |
| Monthly Blackstart Station-specific Capital Payment (individual) | Monthly Blackstart Station-specific Capital Payment (station) x Designated Blackstart Resource (individual) Nameplate MVA Value / Designated Blackstart Resource (station) Nameplate MVA Value |
| Active O+M Days | Number of days in the month that a DBR is eligible for O+M Payment. |
| Active Capital Days | Number of days in the month that a DBR is eligible for Capital Payment. |
| Total Days in Month | Number of days in the settlement month. |
| Total Active Days Pro-rata Blackstart Station-specific O+M Payment (individual) | Monthly Blackstart Station-specific O+M Payment (individual) x Active O+M Days / Total Days in Month. |
| Total Active Days Pro-rata Blackstart Station-specific Capital Payment (individual) | Monthly Blackstart Station-specific Capital Payment (individual) x Active Capital Days / Total Days in Month. |

| SD_BSSTATIONSPECIFICSUB – Blackstart Station-specific Rate Payment Detail Subaccount– Rev 0 SD_BSSTATIONSPECIFICSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Blackstart Station-specific Rate Payment (individual) | The sum of Total Active Days Pro-rata Blackstart Station-specific O+M Payment (individual) and Total Active Days Pro-rata Blackstart Station-specific Capital Payment (individual). |
| Ownership Share | Ownership Share |
| Blackstart Station-specific Rate Payment (individual) | Blackstart Station-specific Rate Payment (individual) times the Ownership Share. |

| SD_BSSTATIONSPECIFICSUB Change Summary | Effective Date |
|--|----------------|
| New. | 11.01.2022 |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

SD_COSRESDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|---|---|--------------|---|---|------------------------------------|---|---|---|---|----------------------|---|
| Station Cost of Service Payment | | | | | | | | | | | |
| Net Monthly Station Position | SUM (COS Final Capacity Performance Payment) | | | | | | | | | | |
| Beginning of Month Accrued Penalty Balance | <table> <tr> <th>Condition(s)</th><th>Beginning of Month Accrued Penalty Balance</th></tr> <tr> <td>Settlement month is June</td><td>0</td></tr> <tr> <td>Settlement month is December and accrued penalty balance (prior month) >\$0.00</td><td>0</td></tr> <tr> <td>All other conditions</td><td>accrued penalty balance (prior month)</td></tr> </table> | Condition(s) | Beginning of Month Accrued Penalty Balance | Settlement month is June | 0 | Settlement month is December and accrued penalty balance (prior month) >\$0.00 | 0 | All other conditions | accrued penalty balance (prior month) | | |
| Condition(s) | Beginning of Month Accrued Penalty Balance | | | | | | | | | | |
| Settlement month is June | 0 | | | | | | | | | | |
| Settlement month is December and accrued penalty balance (prior month) >\$0.00 | 0 | | | | | | | | | | |
| All other conditions | accrued penalty balance (prior month) | | | | | | | | | | |
| Accrued Penalty Balance | Net Monthly Station Position + Beginning of Month Accrued Penalty Balance | | | | | | | | | | |
| Preliminary Revenue Credit Performance Penalty Adjustment | <table> <tr> <th>Condition(s)</th><th>Preliminary Revenue Credit Performance Penalty Adjustment</th></tr> <tr> <td>Beginning of month accrued penalty balance <= 0 and net monthly station position <= 0</td><td>ABS (net monthly station position)</td></tr> <tr> <td>Beginning of month accrued penalty balance < 0 and net monthly station position > 0</td><td>-1 x MIN (net monthly station position, ABS (Beginning of Month Accrued Penalty Balance))</td></tr> <tr> <td>Beginning of month accrued penalty balance > 0 and net monthly station position < 0 and beginning of month accrued penalty balance < ABS (net monthly station position)</td><td>ABS (Net Monthly Station Position) - Beginning of Month Accrued Penalty Balance</td></tr> <tr> <td>All other conditions</td><td>0</td></tr> </table> | Condition(s) | Preliminary Revenue Credit Performance Penalty Adjustment | Beginning of month accrued penalty balance <= 0 and net monthly station position <= 0 | ABS (net monthly station position) | Beginning of month accrued penalty balance < 0 and net monthly station position > 0 | -1 x MIN (net monthly station position, ABS (Beginning of Month Accrued Penalty Balance)) | Beginning of month accrued penalty balance > 0 and net monthly station position < 0 and beginning of month accrued penalty balance < ABS (net monthly station position) | ABS (Net Monthly Station Position) - Beginning of Month Accrued Penalty Balance | All other conditions | 0 |
| Condition(s) | Preliminary Revenue Credit Performance Penalty Adjustment | | | | | | | | | | |
| Beginning of month accrued penalty balance <= 0 and net monthly station position <= 0 | ABS (net monthly station position) | | | | | | | | | | |
| Beginning of month accrued penalty balance < 0 and net monthly station position > 0 | -1 x MIN (net monthly station position, ABS (Beginning of Month Accrued Penalty Balance)) | | | | | | | | | | |
| Beginning of month accrued penalty balance > 0 and net monthly station position < 0 and beginning of month accrued penalty balance < ABS (net monthly station position) | ABS (Net Monthly Station Position) - Beginning of Month Accrued Penalty Balance | | | | | | | | | | |
| All other conditions | 0 | | | | | | | | | | |
| Preliminary Winter Fuel Security Penalty | Preliminary monthly penalty value based on COS performance score and Winter Fuel Security Penalty rate. | | | | | | | | | | |
| Amount not Charged due to Monthly Cap | MIN(0, Preliminary Winter Fuel Security Penalty – Preliminary Revenue Credit Performance Penalty Adjustment – Monthly Winter Fuel and Perf Penalty Cap) x -1 | | | | | | | | | | |
| Prior Month Cumulative Annual WFSP and Perf Payment | The cumulative penalties incurred by the resources pursuant to sections 3.6 and 3.7 of the Agreement, used in calculating the cap to such penalties as provided for in section 3.7 of the Agreement. Equal to 0 when the current settlement month is June and calculated as Cumulative Annual WFSP and Perf Payment when the current settlement month is not June. | | | | | | | | | | |
| Preliminary Cumulative Annual WFSP and Perf Payment | Cumulative Annual WFSP and Perf Payment – Preliminary Revenue Credit Performance Penalty Adjustment + Preliminary Winter Fuel Security Penalty | | | | | | | | | | |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

SD_COSRESDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|--------------|---|---|--|--|---|----------------------|---|
| Amount not Charged due to Annual Cap | MIN (0, Preliminary Cumulative Annual WFSP and Perf Payment – Annual Winter Fuel and Perf Penalty Cap0000) $\times -1$ | | | | | | | | |
| Final Amount not Charged due to Cap | MAX (Amount not Charged due to Monthly Cap, Amount not Charged due to Annual Cap) | | | | | | | | |
| Winter Fuel Security Penalty | MIN(0, Preliminary Winter Fuel Security Penalty + Final Amount not Charged due to Cap) | | | | | | | | |
| Revenue Credit Performance Penalty Adjustment | <table> <tr> <th>Condition(s)</th><th>Revenue Credit Performance Penalty Adjustment</th></tr> <tr> <td>Preliminary Winter Fuel Security Penalty < 0 and Preliminary Winter Fuel Security Penalty + Final Amount not Charged due to Cap > 0</td><td>Preliminary Revenue Credit Performance Penalty Adjustment – Preliminary Winter Fuel Security Penalty – Final Amount not Charged due to Cap</td></tr> <tr> <td>Preliminary Winter Fuel Security Penalty = 0 and Final Amount not Charged due to Cap > 0</td><td>Preliminary Revenue Credit Performance Penalty Adjustment – Final Amount not Charged due to Cap</td></tr> <tr> <td>All other conditions</td><td>Preliminary Revenue Credit Performance Penalty Adjustment</td></tr> </table> | Condition(s) | Revenue Credit Performance Penalty Adjustment | Preliminary Winter Fuel Security Penalty < 0 and Preliminary Winter Fuel Security Penalty + Final Amount not Charged due to Cap > 0 | Preliminary Revenue Credit Performance Penalty Adjustment – Preliminary Winter Fuel Security Penalty – Final Amount not Charged due to Cap | Preliminary Winter Fuel Security Penalty = 0 and Final Amount not Charged due to Cap > 0 | Preliminary Revenue Credit Performance Penalty Adjustment – Final Amount not Charged due to Cap | All other conditions | Preliminary Revenue Credit Performance Penalty Adjustment |
| Condition(s) | Revenue Credit Performance Penalty Adjustment | | | | | | | | |
| Preliminary Winter Fuel Security Penalty < 0 and Preliminary Winter Fuel Security Penalty + Final Amount not Charged due to Cap > 0 | Preliminary Revenue Credit Performance Penalty Adjustment – Preliminary Winter Fuel Security Penalty – Final Amount not Charged due to Cap | | | | | | | | |
| Preliminary Winter Fuel Security Penalty = 0 and Final Amount not Charged due to Cap > 0 | Preliminary Revenue Credit Performance Penalty Adjustment – Final Amount not Charged due to Cap | | | | | | | | |
| All other conditions | Preliminary Revenue Credit Performance Penalty Adjustment | | | | | | | | |
| Cumulative Annual WFSP and Performance Payment | Cumulative Annual WFSP and Performance Payment (prior month) – Revenue Credit Performance Penalty Adjustment + Winter Fuel Security Penalty | | | | | | | | |
| Capacity Base Payments | SUM (Capacity Resource Supply Credit) | | | | | | | | |
| Capacity Performance Payments | SUM (Final Capacity Performance Payment) | | | | | | | | |
| Day-Ahead Energy Revenue | SUM (Day-Ahead Energy Revenue) | | | | | | | | |
| Day-Ahead NCPC Revenue | SUM (Day-Ahead NCPC Credit) | | | | | | | | |
| Real-Time Energy Revenue | SUM (Real-Time Energy Revenue) | | | | | | | | |
| Real-Time Inadvertent Energy Revenue | SUM (Real-Time Inadvertent Energy Revenue) | | | | | | | | |
| Real-Time NCPC Revenue | SUM (Real-Time NCPC Credit) | | | | | | | | |
| Regulation Revenue | SUM (Regulation Service Credit + Regulation Capacity Credit + Regulation Make Whole Credit + Regulation Up Reserve Charge) | | | | | | | | |
| Real-Time Reserve Revenue | SUM (Real-Time Reserve Revenue) | | | | | | | | |
| Forward Reserve Revenue | SUM (Forward Reserve Revenue) | | | | | | | | |
| Forward Reserve Obligation Charge | SUM (Forward Reserve Obligation Charge) | | | | | | | | |
| VAR Capacity Cost Credits | SUM (VAR Capacity Cost Credit) | | | | | | | | |
| Emergency Sales Revenues | SUM (Emergency Sales Revenues) | | | | | | | | |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION | | | | | | |
|---|---|--------------|--------------------------------------|-------------------------------|---|------------------|--|
| Monthly Revenues | Day-Ahead Energy Revenue + Day-Ahead NCPC + Real-Time Energy Revenue + Real-Time Inadvertent Energy Revenue + Real-Time NCPC Revenue + Regulation Revenue + Real-Time Reserve Revenue + COS FRM Credit + COS FROC + VAR Capacity Cost Credits + Emergency Sales Revenues + Non-Market Other Revenues | | | | | | |
| Start Up Cost | SUM (Start Up Cost) | | | | | | |
| No Load Cost | SUM (No Load Cost) | | | | | | |
| Incremental Energy Cost | SUM (Incremental Energy Cost) | | | | | | |
| Regulation Cost | SUM (Regulation Service Cost) + SUM (Regulation Capacity Cost) | | | | | | |
| Monthly Cost | Start Up Cost + No-Load Cost + Incremental Energy Cost + Regulation Cost | | | | | | |
| Revenue Credit | Capacity Base Payments + Revenue Credit Performance Penalty Adjustment + Capacity Performance Payments + Monthly Revenues – Monthly Cost | | | | | | |
| Annual Fixed Revenue Requirement | The Annual Fixed Revenue Requirement for Mystic 8 & 9 as specified in the agreement. | | | | | | |
| Monthly Fuel Supply Cost | The fuel supply cost as defined in the fuel supply agreement between Constellation Mystic, LLC and Constellation LNG, LLC for the obligation month. | | | | | | |
| Maximum Monthly Fixed Cost Payment | Annual Fixed Revenue Requirement / 12 + Monthly Fuel Supply Cost | | | | | | |
| Prior Month Carryover Revenue Credit | <table> <tr> <th>Condition(s)</th><th>Prior Month Carryover Revenue Credit</th></tr> <tr> <td>Settlement month is June 2022</td><td>0</td></tr> <tr> <td>All other months</td><td>Carryover Revenue Credit (prior month)</td></tr> </table> | Condition(s) | Prior Month Carryover Revenue Credit | Settlement month is June 2022 | 0 | All other months | Carryover Revenue Credit (prior month) |
| Condition(s) | Prior Month Carryover Revenue Credit | | | | | | |
| Settlement month is June 2022 | 0 | | | | | | |
| All other months | Carryover Revenue Credit (prior month) | | | | | | |
| Preliminary Supplemental Capacity Payment | Maximum Monthly Fixed Cost Payment + Winter Fuel Security Penalty – Monthly Revenue Credit | | | | | | |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

SD_COSRESDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION | | | | |
|---|---|--|--|--------------------------------|--|
| Carryover Revenue Credit | Condition(s) | | Carryover Revenue Credit | | |
| | Settlement month is May 2024 | | 0 | | |
| | All other months | | -1 x MIN(0, Preliminary Supplemental Capacity Payment – Prior Month Carryover Revenue Credit) | | |
| | Note: If the Preliminary Supplemental Capacity Payment is negative, (meaning that revenue credits exceed the maximum monthly payment) the value will roll forward to offset payments to Exelon in a future month, except in the final month of the term where Exelon would be charged for remaining negative balance. | | | | |
| Supplemental Capacity Payment | Condition(s) | | Supplemental Capacity Payment | | |
| | Settlement month is May 2024 | | Preliminary Supplemental Capacity Payment – Prior Month Carryover Revenue Credit | | |
| | All other months | | MAX (0, Preliminary Supplemental Capacity Payment – Prior Month Carryover Revenue Credit) | | |
| Resource Cost of Service Capacity Performance Payment | | | | | |
| Resource ID | | Resource ID | | | |
| Resource Name | | Resource Name | | | |
| COS Capacity Supply Obligation | Resource ID | Resource Name | Months | COS Capacity Supply Obligation | |
| | 1478 | Mystic 8 | March-November | 703.00 | |
| | 1478 | Mystic 8 | December-February | 842.00 | |
| | 1616 | Mystic 9 | March-November | 714.00 | |
| | 1616 | Mystic 9 | December-February | 858.00 | |
| COS Monthly Stop-Loss | | COS Capacity Supply Obligation x FCA starting price x 1,000 x (-1) | | | |
| COS Maximum Capacity Supply Obligation | | MAX (COS Capacity Supply Obligation) for any month in the capacity commitment period from the start of the period to (and including) the settlement month. | | | |
| COS Annual Stop-Loss | | COS Maximum Capacity Supply Obligation x Annual Performance Payment Stop Loss Rate x 1,000 | | | |
| COS Capacity Performance Payment | | SUM ((COS performance score + bilateral performance score MW) x capacity performance payment rate / 12) | | | |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|---|---|
| COS Stop-Loss Capacity Performance Payment | SUM ((MIN ((COS performance score + bilateral performance score MW), (MAX(0, COS capacity supply obligation x (1 - balancing ratio)) x capacity performance payment rate CCP / 12) |
| COS Amount not Charged due to Monthly Stop-Loss | MIN (0, (COS Stop-Loss Capacity Performance Payment – COS Monthly Stop-Loss)) x (-1) |
| COS Preliminary Stop-Loss Annual Capacity Performance Payment | COS stop-loss annual capacity performance payment from prior settlement Months + COS Stop-Loss Capacity Performance Payment Where COS stop-loss annual capacity performance payment from prior settlement months is equal to the COS Final Stop-Loss Annual Capacity Performance Payment from the prior month in the CCP. |
| COS Amount not Charged due to Annual Stop-Loss | MIN (0, (COS Preliminary Stop-Loss Annual Capacity Performance Payment – COS Annual Stop-Loss)) x (-1) |
| COS Amount not Charged due to Stop-Loss | MAX(COS Amount not Charged due to Monthly Stop-Loss, COS Amount not Charged due to Annual Stop-Loss) |
| COS Final Capacity Performance Payment | COS Capacity Performance Payment + Final Balancing Fund Payment + COS Amount not Charged due to Stop-Loss |
| COS Final Stop-Loss Annual Capacity Performance Payment | COS Stop-Loss Annual Capacity Performance Payment from prior Settlement Months + COS Stop-Loss Capacity Performance Payment + Final Balancing Fund Payment + COS Amount not Charged due to Stop-Loss |
| Daily Market Asset Revenue | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Market Day | Market Day |
| Day-Ahead Energy Revenue | SUM (Day-Ahead Cleared MWs x Day-Ahead LMP) |
| Day-Ahead NCPC Revenue | Day-ahead NCPC Credits |
| Real-Time Energy Revenue | SUM (Energy Quantity – Day-Ahead Cleared MWs) x Real-Time LMP / 12 |
| Real-Time Inadvertent Energy Revenue | SUM (Energy Quantity x Inadvertent Energy Cost / (Inadvertent Energy RTGO allocator + Inadvertent Energy RTLO allocator + Inadvertent Energy DRO allocator)) |
| Real-Time NCPC Revenue | Real-time NCPC Credit |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

SD_COSRESDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Regulation Service Credit | SUM (Regulation Service Credit) |
| Regulation Capacity Credit | SUM (Regulation Capacity Credit) |
| Regulation Make Whole Credit | SUM (Regulation Make Whole Credit) |
| Regulation Up Reserve Charge | SUM (Regulation Up Reserve Charge) |
| Real-Time Reserve Revenue | SUM (Real-Time Reserve Credit) |
| Forward Reserve Revenue | SUM (Net Forward Reserve Credit \times SUM (FRM assigned MW) / SUM (FRM assigned MW)) |
| Forward Reserve Obligation Charge | SUM (SUM (Forward Reserve Obligation Charge) \times SUM (FRM assigned MW) / SUM (FRM assigned)) |
| Emergency Sales Revenue | SUM (Emergency Sales Negative Gen Deviation \times Emergency Sales Total Dollars / Emergency Sales Total Allocator Factor) |
| Daily Market Asset Costs | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Market Day | Market Day |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | |
|--|---|--------------|-------------------------|--|--|------------------------------|--|----------------------|--|--------------|---------------------|---------------------|---|------------------------------|---|----------------------|---|
| Start-Up Cost | <p>SUM (Offered Start-Up Cost – Total Start-Up Fuel x Fuel Opportunity Cost)</p> <p>Where Offered Start-Up Cost =</p> <table><tr><th>Condition(s)</th><th>Offered Start-Up Cost</th></tr><tr><td>Type of start = Hot</td><td>Effective offer for dispatch hot start-up price</td></tr><tr><td>Type of start = Intermediate</td><td>Effective offer for dispatch intermediate start-up price</td></tr><tr><td>Type of start = Cold</td><td>Effective offer for dispatch cold start-up price</td></tr></table> <p>And total Start-Up Fuel =</p> <table><tr><th>Condition(s)</th><th>Total Start-Up Fuel</th></tr><tr><td>Type of start = Hot</td><td>Hot start-up fuel + hot start-up fuel boil-off adder</td></tr><tr><td>Type of start = Intermediate</td><td>Intermediate start-up fuel + intermediate start-up fuel boil-off adder</td></tr><tr><td>Type of start = Cold</td><td>Cold start-up fuel + cold start-up fuel boil-off adder</td></tr></table> <p>The fuel opportunity cost is the amount, if any, by which the AGT (Citygate) fuel index price exceeds the <i>Fuel Index Price</i>, and/or the opportunity cost associated with a limited supply of fuel, as approved by ISO and ISO market monitoring.</p> | Condition(s) | Offered Start-Up Cost | Type of start = Hot | Effective offer for dispatch hot start-up price | Type of start = Intermediate | Effective offer for dispatch intermediate start-up price | Type of start = Cold | Effective offer for dispatch cold start-up price | Condition(s) | Total Start-Up Fuel | Type of start = Hot | Hot start-up fuel + hot start-up fuel boil-off adder | Type of start = Intermediate | Intermediate start-up fuel + intermediate start-up fuel boil-off adder | Type of start = Cold | Cold start-up fuel + cold start-up fuel boil-off adder |
| Condition(s) | Offered Start-Up Cost | | | | | | | | | | | | | | | | |
| Type of start = Hot | Effective offer for dispatch hot start-up price | | | | | | | | | | | | | | | | |
| Type of start = Intermediate | Effective offer for dispatch intermediate start-up price | | | | | | | | | | | | | | | | |
| Type of start = Cold | Effective offer for dispatch cold start-up price | | | | | | | | | | | | | | | | |
| Condition(s) | Total Start-Up Fuel | | | | | | | | | | | | | | | | |
| Type of start = Hot | Hot start-up fuel + hot start-up fuel boil-off adder | | | | | | | | | | | | | | | | |
| Type of start = Intermediate | Intermediate start-up fuel + intermediate start-up fuel boil-off adder | | | | | | | | | | | | | | | | |
| Type of start = Cold | Cold start-up fuel + cold start-up fuel boil-off adder | | | | | | | | | | | | | | | | |
| No-Load Cost | <p>SUM (Effective Offer for Dispatch No-Load Price - (No-Load Fuel + No-Load Fuel Boil-Off Adder) x Fuel Opportunity Cost)</p> | | | | | | | | | | | | | | | | |
| Incremental Energy Cost | <p>SUM (Incremental Energy Cost) based on the following table:</p> <table><tr><th>Condition(s)</th><th>Incremental Energy Cost</th></tr><tr><td>Fuel Management = 'N' and Preliminary Energy Cost > Day-Ahead Energy Revenue + Real-time Energy Revenue and must run flag = 'Y' or self-dispatch MW > 0</td><td>Day-Ahead Energy Revenue + Real-Time Energy Revenue</td></tr><tr><td>All other conditions</td><td>Preliminary Energy Cost</td></tr></table> <p>WHERE preliminary energy cost is calculated using energy quantity and the segments of the revised offer price which is equal to:</p> | Condition(s) | Incremental Energy Cost | Fuel Management = 'N' and Preliminary Energy Cost > Day-Ahead Energy Revenue + Real-time Energy Revenue and must run flag = 'Y' or self-dispatch MW > 0 | Day-Ahead Energy Revenue + Real-Time Energy Revenue | All other conditions | Preliminary Energy Cost | | | | | | | | | | |
| Condition(s) | Incremental Energy Cost | | | | | | | | | | | | | | | | |
| Fuel Management = 'N' and Preliminary Energy Cost > Day-Ahead Energy Revenue + Real-time Energy Revenue and must run flag = 'Y' or self-dispatch MW > 0 | Day-Ahead Energy Revenue + Real-Time Energy Revenue | | | | | | | | | | | | | | | | |
| All other conditions | Preliminary Energy Cost | | | | | | | | | | | | | | | | |

SD_COSRESDTL – Cost of Service Resource Detail Report – Rev 0

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Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--------------------------|--|
| | Real-Time EOD Offer Price – Incremental Heat Rate \times Fuel Opportunity Cost and Incremental Heat Rate is equal to: Heat Rate Coefficient B + (2 \times Heat Rate Coefficient C \times Real-Time EOD Offer MW) + (3 \times Heat Rate Coefficient D \times Real-Time EOD Offer MW ²) |
| Regulation Service Cost | SUM (Regulation Service Cost) |
| Regulation Capacity Cost | SUM (Regulation Capacity Cost) |

| SD_COSRESDTL Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 06.01.2022 |

SD_DAASCLEARED – Day Ahead Cleared Ancillary Services Settlement Report – Rev 0

SD_DAASCLEARED_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none">• GENERATOR• ASSET RELATED DEMAND• DEMAND RESPONSE RESOURCE |
| DA TMSR Obligation | DA TMSR Obligation |
| DA TMNSR Obligation | DA TMNSR Obligation |
| DA TMOR Obligation | DA TMOR Obligation |
| DA EIR Obligation | DA EIR Obligation |

| SD_DAASCLEARED Change Summary | Effective Date |
|-------------------------------|----------------|
| New | 03.01.2025 |

SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0

SD_DAASDT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Asset Credits & Close-Out Chrgs Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Id | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none">• GENERATOR• ASSET RELATED DEMAND• DEMAND RESPONSE RESOURCE |
| Ownership Share | Ownership Share |
| Product Type | Appropriate values are: <ul style="list-style-type: none">• DA TMSR• DA TMNSR• DA TMOR• DA EIR |
| Product Obligation | Obligation cleared in the Day-Ahead Ancillary Services Market for the Product Type |
| Product Clearing Price | Product Clearing Price |
| Product Credit | If Asset Type is Demand Response Resource, Product Obligation \times Product Clearing Price \times (1 + Pool Distribution Loss Factor) Otherwise, Product Obligation \times Product Clearing Price |
| Customer Share of Product Credit | Product Credit \times Ownership Share |
| Strike Price | Day-Ahead Ancillary Services Strike Price |
| Hub RT LMP | Hub RT LMP |
| Product Close-Out Charge | If Asset Type is Demand Response Resource, Product Obligation \times MAX (Hub RT LMP – Strike Price, 0) \times (-1) \times (1 + Pool Distribution Loss Factor) Otherwise, Product Obligation \times MAX (Hub RT LMP – Strike Price, 0) \times (-1) |
| Customer Share of Product Close-Out Charge | Product Close-Out Charge \times Ownership Share |
| Asset FER Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0

SD_DAASDT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none">• GENERATOR• DEMAND RESPONSE RESOURCE |
| Ownership Share | Ownership Share |
| DA Cleared Energy | Energy or Demand Reduction Obligation cleared in the Day-Ahead Energy Market |
| FER Price | Forecast Energy Requirement Price |
| Asset FER Credit | If Asset Type is Demand Response Resource, $\text{DA Cleared Energy} \times \text{FER Price} \times$ $(1 + \text{Pool Distribution Loss Factor})$ Otherwise, $\text{DA Cleared Energy} \times \text{FER Price}$ |
| Customer Share of Asset FER Credit | $\text{Asset FER Credit} \times \text{Ownership Share}$ |
| Import FER Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| External Transaction ID | External Transaction ID |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Location ID | Location ID |
| Location Name | Location Name |
| DA Cleared Import | DA Cleared Import |
| RT Import Offer | RT Import Offer |

SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0

SD_DAASDT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | |
|---|---|-------|-------------|---|---|---|
| Corresponding Transaction | Appropriate values are: <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area | N |
| Value | Description | | | | | |
| Y | Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area | | | | | |
| N | | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | |
| Import FER Credit | If Corresponding Transaction = Y, $\text{MIN (DA Cleared Import, RT Import Offer)} \times \text{FER Price}$ Otherwise, 0 | | | | | |
| Export FER Charges Section | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| External Transaction ID | External Transaction ID | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Location ID | Location ID | | | | | |
| Location Name | Location Name | | | | | |
| DA Cleared Export | DA Cleared Export | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | |
| Export FER Charge | $\text{DA Cleared Export} \times \text{FER Price}$ | | | | | |
| FRS Credits & Charges Section | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| RT Load Obligation | RT Load Obligation | | | | | |
| RT External Node Load Obligation | RT Load Obligation at all External Nodes excluding CETICZ or FCA Cleared Export Transactions | | | | | |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD | | | | | |
| RT Load Obligation for FRS Charge Allocation | $\text{RT Load Obligation} - \text{RT External Node Load Obligation} - \text{RT DARD Load Obligation Reduction}$ | | | | | |
| Pool RT Load Obligation for FRS Charge Allocation | Pool RT Load Obligation for FRS Charge Allocation | | | | | |
| Pool DA TMSR Credit | Pool DA TMSR Credit | | | | | |

SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0

SD_DAASDT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| DA TMSR Charge | Pool DA TMSR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMNSR Credit | Pool DA TMNSR Credit |
| DA TMNSR Charge | Pool DA TMNSR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMOR Credit | Pool DA TMOR Credit |
| DA TMOR Charge | Pool DA TMOR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMSR Close-Out Charge | Pool DA TMSR Close-Out Charge |
| DA TMSR Close-Out Credit | Pool DA TMSR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMNSR Close-Out Charge | Pool DA TMNSR Close-Out Charge |
| DA TMNSR Close-Out Credit | Pool DA TMNSR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMOR Close-Out Charge | Pool DA TMOR Close-Out Charge |
| DA TMOR Close-Out Credit | Pool DA TMOR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| DA EIR Credits & Charges Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | RT Load Obligation |
| RT Load Obligation at External Nodes | RT Load Obligation at all External Nodes |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD |
| RT Load Obligation for DA EIR Charge Allocation | RT Load Obligation – RT Load Obligation at External Nodes – RT DARD Load Obligation Reduction |
| Pool RT Load Obligation for DA EIR Charge Allocation | Pool RT Load Obligation for DA EIR Charge Allocation |
| Pool DA EIR Credit | Pool DA EIR Credit |
| Pool FER Credit | Pool FER Credit |
| Pool Export FER Charge | Pool Export FER Charge |

SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0

SD_DAASDT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Pool FER & DA EIR Net Credits | Pool DA EIR Credit + Pool FER Credit + Pool Export FER Charge |
| FER & DA EIR Charge | Pool FER & DA EIR Net Credits \times RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation \times (-1) |
| Pool DA EIR Close-Out Charge | Pool DA EIR Close-Out Charge |
| DA EIR Close-Out Credit | Pool DA EIR Close-Out Charge \times RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation \times (-1) |
| Subacct FRS Credits & Charges Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | RT Load Obligation |
| RT External Node Load Obligation | RT Load Obligation at all External Nodes excluding CETICZ or FCA Cleared Export Transactions |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD |
| RT Load Obligation for FRS Charge Allocation | RT Load Obligation – RT External Node Load Obligation – RT DARD Load Obligation Reduction |
| Pool RT Load Obligation for FRS Charge Allocation | Pool RT Load Obligation for FRS Charge Allocation |
| Pool DA TMSR Credit | Pool DA TMSR Credit |
| DA TMSR Charge | Pool DA TMSR Credit \times RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation \times (-1) |
| Pool DA TMNSR Credit | Pool DA TMNSR Credit |
| DA TMNSR Charge | Pool DA TMNSR Credit \times RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation \times (-1) |
| Pool DA TMOR Credit | Pool DA TMOR Credit |
| DA TMOR Charge | Pool DA TMOR Credit \times RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation \times (-1) |
| Pool DA TMSR Close-Out Charge | Pool DA TMSR Close-Out Charge |
| DA TMSR Close-Out Credit | Pool DA TMSR Close-Out Charge \times RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation \times (-1) |

| SD_DAASDT – Day Ahead Ancillary Services Settlement Detail Report – Rev 0 | |
|---|---|
| SD_DAASDT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily | |
| REPORT COLUMN | DESCRIPTION |
| Pool DA TMNSR Close-Out Charge | Pool DA TMNSR Close-Out Charge |
| DA TMNSR Close-Out Credit | Pool DA TMNSR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMOR Close-Out Charge | Pool DA TMOR Close-Out Charge |
| DA TMOR Close-Out Credit | Pool DA TMOR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Subacc DA EIR Credits & Charges Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | RT Load Obligation |
| RT Load Obligation at External Nodes | RT Load Obligation at all External Nodes |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD |
| RT Load Obligation for DA EIR Charge Allocation | RT Load Obligation – RT Load Obligation at External Nodes – RT DARD Load Obligation Reduction |
| Pool RT Load Obligation for DA EIR Charge Allocation | Pool RT Load Obligation for DA EIR Charge Allocation |
| Pool DA EIR Credit | Pool DA EIR Credit |
| Pool FER Credit | Pool FER Credit |
| Pool Export FER Charge | Pool Export FER Charge |
| Pool FER & DA EIR Net Credits | Pool DA EIR Credit + Pool FER Credit + Pool Export FER Charge |
| FER & DA EIR Charge | Pool FER & DA EIR Net Credits x RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation x (-1) |
| Pool DA EIR Close-Out Charge | Pool DA EIR Close-Out Charge |
| DA EIR Close-Out Credit | Pool DA EIR Close-Out Charge x RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation x (-1) |

| SD_DAASDT Change Summary | Effective Date |
|--------------------------|----------------|
| New | 03.01.2025 |

| SD_DAASDTSUB – Day Ahead Ancillary Services Settlement Detail Subaccount Report – Rev 0 | |
|---|--|
| SD_DAASDTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily | |
| REPORT COLUMN | DESCRIPTION |
| Asset Credit & Close-Out Chrgs Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none"> • GENERATOR • ASSET RELATED DEMAND • DEMAND RESPONSE RESOURCE |
| Ownership Share | Ownership Share |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • DA TMSR • DA TMNSR • DA TMOR • DA EIR |
| Product Obligation | Obligation cleared in the Day-Ahead Ancillary Services Market for the Product Type |
| Product Clearing Price | Product Clearing Price |
| Product Credit | If Asset Type is Demand Response Resource, $\text{Product Obligation} \times \text{Product Clearing Price} \times (1 + \text{Pool Distribution Loss Factor})$ Otherwise, $\text{Product Obligation} \times \text{Product Clearing Price}$ |
| Subaccount Share of Product Credit | $\text{Product Credit} \times \text{Ownership Share}$ |
| Strike Price | Day-Ahead Ancillary Services Strike Price |
| Hub RT LMP | Hub RT LMP |
| Product Close-Out Charge | If Asset Type is Demand Response Resource, $\text{Product Obligation} \times \text{MAX}(\text{Hub RT LMP} - \text{Strike Price}, 0) \times (-1) \times (1 + \text{Pool Distribution Loss Factor})$ Otherwise, $\text{Product Obligation} \times \text{MAX}(\text{Hub RT LMP} - \text{Strike Price}, 0) \times (-1)$ |
| Subaccount Share of Product Close-Out Charge | Subaccount Share of Product Close-Out Charge based on the Ownership Share of the asset. |
| Asset FER Credits Section | |
| Subaccount ID | Subaccount ID |

SD_DAASDTSUB – Day Ahead Ancillary Services Settlement Detail Subaccount Report – Rev 0

SD_DAASDTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|---|
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none">• GENERATOR• DEMAND RESPONSE RESOURCE |
| Ownership Share | Ownership Share |
| DA Cleared Energy | Energy or Demand Reduction Obligation cleared in the Day-Ahead Energy Market |
| FER Price | Forecast Energy Requirement Price |
| Asset FER Credit | If Asset Type is Demand Response Resource, $\text{DA Cleared Energy} \times \text{FER Price} \times$ $(1 + \text{Pool Distribution Loss Factor})$ Otherwise, $\text{DA Cleared Energy} \times \text{FER Price}$ |
| Subaccount Share of Asset FER Credit | Asset FER Credit \times Ownership Share |
| Import FER Credits Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| External Transaction ID | External Transaction ID |
| Location ID | Location ID |
| Location Name | Location Name |
| DA Cleared Import | DA Cleared Import |
| RT Import Offer | RT Import Offer |

SD_DAASDTSUB – Day Ahead Ancillary Services Settlement Detail Subaccount Report – Rev 0

SD_DAASDTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | |
|--|---|-------|-------------|---|---|---|
| Corresponding Transaction | Appropriate values are: <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area | N |
| Value | Description | | | | | |
| Y | Indicates if the 1) External Transaction is both DA Cleared Import and RT Import Offer and 2) the RT Import Offer was submitted in a neighboring control area | | | | | |
| N | | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | |
| Import FER Credit | If Corresponding Transaction = Y, $\text{MIN (DA Cleared Import, RT Import Offer)} \times \text{FER Price}$ Otherwise, 0 | | | | | |
| Export FER Charges Section | | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| External Transaction ID | External Transaction ID | | | | | |
| Location ID | Location ID | | | | | |
| Location Name | Location Name | | | | | |
| DA Cleared Export | DA Cleared Export | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | |
| Export FER Charge | $\text{DA Cleared Export} \times \text{FER Price}$ | | | | | |
| Subacct FRS Credits & Charges Section | | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| RT Load Obligation | RT Load Obligation | | | | | |
| RT External Node Load Obligation | RT Load Obligation at all External Nodes excluding CETICZ or FCA Cleared Export Transactions | | | | | |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD | | | | | |
| RT Load Obligation for FRS Charge Allocation | $\text{RT Load Obligation} - \text{RT External Node Load Obligation} - \text{RT DARD Load Obligation Reduction}$ | | | | | |

SD_DAASDTSUB – Day Ahead Ancillary Services Settlement Detail Subaccount Report – Rev 0

SD_DAASDTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Pool RT Load Obligation for FRS Charge Allocation | Pool RT Load Obligation for FRS Charge Allocation |
| Pool DA TMSR Credit | Pool DA TMSR Credit |
| DA TMSR Charge | Pool DA TMSR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMNSR Credit | Pool DA TMNSR Credit |
| DA TMNSR Charge | Pool DA TMNSR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMOR Credit | Pool DA TMOR Credit |
| DA TMOR Charge | Pool DA TMOR Credit x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMSR Close-Out Charge | Pool DA TMSR Close-Out Charge |
| DA TMSR Close-Out Credit | Pool DA TMSR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMNSR Close-Out Charge | Pool DA TMNSR Close-Out Charge |
| DA TMNSR Close-Out Credit | Pool DA TMNSR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Pool DA TMOR Close-Out Charge | Pool DA TMOR Close-Out Charge |
| DA TMOR Close-Out Credit | Pool DA TMOR Close-Out Charge x RT Load Obligation for FRS Charge Allocation / Pool RT Load Obligation for FRS Charge Allocation x (-1) |
| Subacc DA EIR Credits & Charges Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | RT Load obligation |
| RT Load Obligation at External Nodes | RT Load obligation at all External Nodes |
| RT DARD Load Obligation Reduction | RT Load Obligation associated with Storage DARD |
| RT Load Obligation for DA EIR Charge Allocation | RT Load Obligation – RT Load Obligation at External Nodes – RT DARD Load Obligation Reduction |

SD_DAASDTSUB – Day Ahead Ancillary Services Settlement Detail Subaccount Report – Rev 0

SD_DAASDTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Pool RT Load Obligation for DA EIR Charge Allocation | Pool RT Load Obligation for DA EIR Charge Allocation |
| Pool DA EIR Credit | Pool DA EIR Credit |
| Pool FER Credit | Pool FER Credit |
| Pool Export FER Charge | Pool Export FER Charge |
| Pool FER & DA EIR Net Credits | Pool DA EIR Credit + Pool FER Credit + Pool Export FER Charge |
| FER & DA EIR Charge | Pool FER & DA EIR Net Credits \times RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation $\times (-1)$ |
| Pool DA EIR Close-Out Charge | Pool DA EIR Close-Out Charge |
| DA EIR Close-Out Credit | Pool DA EIR Close-Out Charge \times RT Load Obligation for DA EIR Charge Allocation / Pool RT Load Obligation for DA EIR Charge Allocation $\times (-1)$ |

| SD_DAASDTSUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New | 03.01.2025 |

| SD_DACLEARED – Day-Ahead Locational Cleared Energy Market Settlement Report – Rev 2 SD_DACLEARED_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-daily market settlement available to Participant Owners of Assets that cleared in the Day-Ahead market, Participants who placed Demand bids, Increment Offers or Decrement Bids that cleared in the Day-Ahead market, and Participants who placed Demand Reduction Offers that cleared in the Day-Ahead market. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | Location Identification Number. |
| Location Name | Location Name |
| Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Bid/Offer Type | A flag indicating the type of Bid/Offer: One of: <ul style="list-style-type: none"> • ‘GEN OFFER’ • ‘INC’, • ‘DEC’ • ‘REDUCTION OFFER’ • ‘DEMAND BID’ |
| Reference ID | A customer/bid-specified string supplied at the time of bid submittal, used to facilitate the customer’s organization and tracking of his Bid/Offer and Transaction information. |
| Asset ID | Numerical identifier for the asset in the case of a cleared offer or demand bid associated with a unit or Asset Related Demand. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a generating unit asset or Load Asset, where such unit or load is interconnected to the New England Transmission System. |
| Cleared MW | The number of MWs associated with a bid or offer cleared in the Day-Ahead Market. This value is the Customer share based upon Ownership share of the Asset. |

| SD_DACLEARED Change Summary | Effective Date |
|--|----------------|
| Modified. Added “DRR Aggregation Zone” to “Location Type”. Added “Reduction Offer” to “Bid/Offer Type”. | 06.01.2018 |
| Existing. | 01.01.2001 |

| SD_DANCPDARD – Day-Ahead DARD Commitment Report – Rev 2 | | | | | | | |
|--|---|-------|-------------|------------------|---|------------|--|
| SD_DANCPDARD_<customer id>_<settlement date>_<version>.CSV | | | | | | | |
| <Customer Name> | | | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | | | |
| Availability: Daily | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Asset ID | Asset ID | | | | | | |
| Asset Name | Asset Name | | | | | | |
| Node ID | Node ID | | | | | | |
| Node Name | Node Name | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none"> Economic Self Scheduled | | | | | | |
| Settlement Period Type | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Trading Interval</td><td>DARD that does not reach its maximum number of daily starts</td></tr> <tr> <td>Net Period</td><td>DARD that reaches its maximum number of daily starts</td></tr> </tbody> </table> | Value | Description | Trading Interval | DARD that does not reach its maximum number of daily starts | Net Period | DARD that reaches its maximum number of daily starts |
| Value | Description | | | | | | |
| Trading Interval | DARD that does not reach its maximum number of daily starts | | | | | | |
| Net Period | DARD that reaches its maximum number of daily starts | | | | | | |
| Commitment Minimum Consumption Limit | Minimum Consumption Limit from the Effective Offer for commitment. | | | | | | |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW | | | | | | |
| DARD Type | Appropriate values are: <ul style="list-style-type: none"> PUMP STORAGE ENERGY STORAGE | | | | | | |
| DA TMSR Cleared MW | DA TMSR Cleared MW | | | | | | |
| DA TMOR Cleared MW | DA TMOR Cleared MW | | | | | | |

| SD_DANCPDARD Change Summary | Effective Date |
|---|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW” & “DA TMOR Cleared MW”. Modified description for “Trading Interval”, “Asset ID”, “Asset Name”, “Node ID”, “Node Name”, “Subaccount ID”, “Subaccount Name”, “Commitment Reason”, “Settlement Period Type”, “Commitment Minimum Consumption Limit”, “Day-Ahead Cleared MW”, “DARD Type” columns. | 03.01.2025 |
| Modified. Added new columns: “DARD Type”. Modified description for “Commitment Reason” and “Settlement Period Type” columns | 03.31.2019 |
| New | 03.01.2017 |

| SD_DANPCDARDSDSUB – Day-Ahead DARD Commitment Subaccount Report – Rev 1 | | | | | | | |
|---|---|-------|-------------|------------------|---|------------|--|
| SD_DANPCDARDSDSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV | | | | | | | |
| <Customer Name> | | | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | | | |
| Availability: Daily | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Asset ID | Asset ID | | | | | | |
| Asset Name | Asset Name | | | | | | |
| Node ID | Node ID | | | | | | |
| Node Name | Node Name | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none"> Economic Self Scheduled | | | | | | |
| Settlement Period Type | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Trading Interval</td><td>DARD that does not reach its maximum number of daily starts</td></tr> <tr> <td>Net Period</td><td>DARD that reaches its maximum number of daily starts</td></tr> </tbody> </table> | Value | Description | Trading Interval | DARD that does not reach its maximum number of daily starts | Net Period | DARD that reaches its maximum number of daily starts |
| Value | Description | | | | | | |
| Trading Interval | DARD that does not reach its maximum number of daily starts | | | | | | |
| Net Period | DARD that reaches its maximum number of daily starts | | | | | | |
| Commitment Minimum Consumption Limit | Minimum Consumption Limit from the Effective Offer for commitment. | | | | | | |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW | | | | | | |
| DARD Type | Appropriate values are: <ul style="list-style-type: none"> PUMP STORAGE ENERGY STORAGE | | | | | | |
| DA TMSR Cleared MW | DA TMSR Cleared MW | | | | | | |
| DA TMOR Cleared MW | DA TMOR Cleared MW | | | | | | |

| SD_DANPCDARDSDSUB Change Summary | Effective Date |
|---|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW” & “DA TMOR Cleared MW”. Modified description for “Subaccount ID”, “Subaccount Name”, “Trading Interval”, “Asset ID”, “Asset Name”, “Node ID”, “Node Name”, “Commitment Reason”, “Settlement Period Type”, “Commitment Minimum Consumption Limit”, “Day-Ahead Cleared MW”, “DARD Type” columns. | 03.01.2025 |
| New. | 06.01.2021 |

SD_DANPCDRR – Day-Ahead NCPC Demand Response Resource Commitment and Dispatch Report – Rev 1

SD_DANPCDRR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|------------------------------|--|-------|-------------|------------------|---|------------|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). | | | | | | |
| Asset ID | Asset ID | | | | | | |
| Asset Name | Asset Name | | | | | | |
| Settlement Location Type | Appropriate values are: <ul style="list-style-type: none"> • DRR Aggregation Zone • Network Node | | | | | | |
| Settlement Location ID | Settlement Location ID | | | | | | |
| Settlement Location Name | Settlement Location Name | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | |
| Commitment Source | Appropriate values are: <ul style="list-style-type: none"> • Day-Ahead • Real-Time | | | | | | |
| Commitment Timestamp | Commitment Timestamp | | | | | | |
| Fast Start at Commitment | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Y</td><td rowspan="2">Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval</td></tr> <tr> <td>N</td></tr> </tbody> </table> | Value | Description | Y | Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval | N | |
| Value | Description | | | | | | |
| Y | Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval | | | | | | |
| N | | | | | | | |
| Settlement Period Type | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Trading Interval</td><td>Fast Start Demand Response Resource that does not reach its maximum number of daily starts</td></tr> <tr> <td>Net Period</td><td>Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts</td></tr> </tbody> </table> | Value | Description | Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts |
| Value | Description | | | | | | |
| Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | | | | | | |
| Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none"> • Economic • LSCPR • SCR | | | | | | |
| Commitment LSCPR Region(s) | Reliability Region identification number(s) associated with the LSCPR commitment. | | | | | | |
| Commitment Minimum Reduction | Minimum Reduction Limit from the Effective Offer for the commitment. | | | | | | |

SD_DANPCDRR – Day-Ahead NCPC Demand Response Resource Commitment and Dispatch Report – Rev 1

SD_DANPCDRR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Commitment Minimum Reduction Time | Minimum Reduction Time hours from the Effective Offer for the commitment. |
| Commitment Minimum Time Between Reductions | Minimum Time Between Reduction hours from the Effective Offer for the commitment. |
| Day-Ahead Minimum Reduction | Minimum Reduction Limit from the Effective Offer for dispatch. |
| Day-Ahead Minimum Reduction Time | Minimum Reduction Time hours from the Effective Offer for dispatch. |
| Day-Ahead Minimum Time Between Reductions | Minimum Time Between Reduction hours from the Effective Offer for dispatch. |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW |
| DA TMSR Cleared MW | DA TMSR Cleared MW |
| DA TMNSR Cleared MW | DA TMNSR Cleared MW |
| DA TMOR Cleared MW | DA TMOR Cleared MW |
| DA EIR Cleared MW | DA EIR Cleared MW |

| SD_DANPCDRR Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW”, “DA TMNSR Cleared MW”, “DA TMOR Cleared MW”, and “DA EIR Cleared MW”. Modified description for “Asset ID”, “Asset Name”, “Settlement Location Type”, “Settlement Location Name”, “Subaccount ID”, “Subaccount Name”, “Commitment Source”, “Commitment Timestamp”, “Fast Start at Commitment”, “Settlement Period Type”, “Commitment Reason”, “Day-Ahead Cleared MW” columns. | 03.01.2025 |
| New. | 06.01.2018 |

SD_DANPCDRRSUB – Day-Ahead NCPC Demand Response Resource Commitment and Dispatch Subaccount Report – Rev 1

SD_DANPCDRRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|-----------------------------------|--|-------|-------------|------------------|---|------------|--|
| Subaccount ID | Subaccount ID | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). | | | | | | |
| Asset ID | Asset ID | | | | | | |
| Asset Name | Asset Name | | | | | | |
| Settlement Location Type | Appropriate values are: <ul style="list-style-type: none"> • DRR Aggregation Zone • Network Node | | | | | | |
| Settlement Location ID | Settlement Location ID | | | | | | |
| Settlement Location Name | Settlement Location Name | | | | | | |
| Commitment Source | Appropriate values are: <ul style="list-style-type: none"> • Day-Ahead • Real-Time | | | | | | |
| Commitment Timestamp | Commitment Timestamp | | | | | | |
| Fast Start at Commitment | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Y</td><td rowspan="2">Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval</td></tr> <tr> <td>N</td></tr> </tbody> </table> | Value | Description | Y | Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval | N | |
| Value | Description | | | | | | |
| Y | Indicates if the asset was considered Fast Start Demand Response Resource at the time of the commitment only where a commitment exists for the interval | | | | | | |
| N | | | | | | | |
| Settlement Period Type | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Trading Interval</td><td>Fast Start Demand Response Resource that does not reach its maximum number of daily starts</td></tr> <tr> <td>Net Period</td><td>Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts</td></tr> </tbody> </table> | Value | Description | Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts |
| Value | Description | | | | | | |
| Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | | | | | | |
| Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none"> • Economic • LSCPR • SCR | | | | | | |
| Commitment LSCPR Region(s) | Reliability Region identification number(s) associated with the LSCPR commitment. | | | | | | |
| Commitment Minimum Reduction | Minimum Reduction Limit from the Effective Offer for the commitment. | | | | | | |
| Commitment Minimum Reduction Time | Minimum Reduction Time hours from the Effective Offer for the commitment. | | | | | | |

SD_DANPCDRRSUB – Day-Ahead NCPC Demand Response Resource Commitment and Dispatch Subaccount Report – Rev 1

SD_DANPCDRRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Commitment Minimum Time Between Reductions | Minimum Time Between Reduction hours from the Effective Offer for the commitment. |
| Day-Ahead Minimum Reduction | Minimum Reduction Limit from the Effective Offer for dispatch. |
| Day-Ahead Minimum Reduction Time | Minimum Reduction Time hours from the Effective Offer for dispatch. |
| Day-Ahead Minimum Time Between Reductions | Minimum Time Between Reduction hours from the Effective Offer for dispatch. |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW |
| DA TMSR Cleared MW | DA TMSR Cleared MW |
| DA TMNSR Cleared MW | DA TMNSR Cleared MW |
| DA TMOR Cleared MW | DA TMOR Cleared MW |
| DA EIR Cleared MW | DA EIR Cleared MW |

| SD_DANPCDRRSUB Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW”, “DA TMNSR Cleared MW”, “DA TMOR Cleared MW”, and “DA EIR Cleared MW”. Modified description for “Subaccount ID”, “Subaccount Name”, “Asset ID”, “Asset Name”, “Settlement Location Type”, “Settlement Location Name”, “Commitment Source”, “Commitment Timestamp”, “Fast Start at Commitment”, “Settlement Period Type”, “Commitment Reason”, “Day-Ahead Cleared MW” columns. | 03.01.2025 |
| New. | 06.01.2021 |

SD_DANCPCGEN – Day-Ahead Generator Commitment and Dispatch Report – Rev 3

SD_DANCPCGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | |
|--------------------------------|---|-------|-------------|---|--|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Node ID | Node ID | | | | | |
| Node Name | Node Name | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Commitment Source | Appropriate values are: <ul style="list-style-type: none">• Day-Ahead• Real-Time | | | | | |
| Commitment Timestamp | Commitment Timestamp | | | | | |
| Commitment Type | Appropriate values are: <ul style="list-style-type: none">• ISO Initiated• Self Scheduled | | | | | |
| Fast Start at Commitment | Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>Y</td><td rowspan="2">Indicates if the asset was considered Fast Start Generator at the time of the commitment</td></tr><tr><td>N</td></tr></table> | Value | Description | Y | Indicates if the asset was considered Fast Start Generator at the time of the commitment | N |
| Value | Description | | | | | |
| Y | Indicates if the asset was considered Fast Start Generator at the time of the commitment | | | | | |
| N | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• Self Scheduled | | | | | |
| Commitment LSCPR/VAR Region(s) | Reliability Region identification number(s) associated with the LSCPR and/or VAR commitment. | | | | | |
| Commitment Unit Status | Unit status from the Effective Offer used in making the commitment decision. Appropriate values are: <ul style="list-style-type: none">• ECONOMIC• MUST_RUN• UNAVAILABLE | | | | | |
| Commitment Economic Min | Economic Minimum Limit from the Effective Offer for the commitment | | | | | |
| Commitment Minimum Run Time | Minimum run time hours from the Effective Offer for the commitment | | | | | |

SD_DANCPCGEN – Day-Ahead Generator Commitment and Dispatch Report – Rev 3

SD_DANCPCGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|--|---|-------|-------------|----|--|-----|----------------|------|--------------|-------|------------------|-----|-----------------------|
| Commitment Minimum Down Time | Minimum down time hours from the Effective Offer for the commitment | | | | | | | | | | | | |
| Self Schedule Treatment for Inter-temporal Violation | <div>Appropriate values are:<table><tr><th>Value</th><th>Description</th></tr><tr><td>Y</td><td rowspan="2">Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated</td></tr><tr><td>N</td></tr></table></div> | Value | Description | Y | Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| Day-Ahead Unit Status | <div>Unit Status from the Effective Offer for dispatch. Appropriate values are:<ul style="list-style-type: none">ECONOMICMUST_RUNUNAVAILABLE</div> | | | | | | | | | | | | |
| Day-Ahead Minimum Run Time | Minimum run time hours from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Minimum Down Time | Minimum down time hours from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Economic Min | Economic Minimum Limit from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW | | | | | | | | | | | | |
| DNE Capable | <div>Appropriate values are:<table><tr><th>Value</th><th>Description</th></tr><tr><td>Y</td><td rowspan="2">Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment</td></tr><tr><td>N</td></tr></table></div> | Value | Description | Y | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| Flexible DDG at Commitment | <div>Appropriate values are:<table><tr><th>Value</th><th>Description</th></tr><tr><td>Y</td><td rowspan="2">If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment</td></tr><tr><td>N</td></tr></table></div> | Value | Description | Y | If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| DA NCPC Generator Credit Class | <div>Appropriate values are:<table><tr><th>Value</th><th>Description</th></tr><tr><td>FS</td><td>Fast Start</td></tr><tr><td>NFS</td><td>non-Fast Start</td></tr><tr><td>FDDG</td><td>Flexible DDG</td></tr><tr><td>NFDDG</td><td>non-Flexible DDG</td></tr><tr><td>ESD</td><td>Energy Storage Device</td></tr></table></div> | Value | Description | FS | Fast Start | NFS | non-Fast Start | FDDG | Flexible DDG | NFDDG | non-Flexible DDG | ESD | Energy Storage Device |
| Value | Description | | | | | | | | | | | | |
| FS | Fast Start | | | | | | | | | | | | |
| NFS | non-Fast Start | | | | | | | | | | | | |
| FDDG | Flexible DDG | | | | | | | | | | | | |
| NFDDG | non-Flexible DDG | | | | | | | | | | | | |
| ESD | Energy Storage Device | | | | | | | | | | | | |
| DA TMSR Cleared MW | DA TMSR Cleared MW | | | | | | | | | | | | |
| DA TMNSR Cleared MW | DA TMNSR Cleared MW | | | | | | | | | | | | |
| DA TMOR Cleared MW | DA TMOR Cleared MW | | | | | | | | | | | | |

SD_DANCPCGEN – Day-Ahead Generator Commitment and Dispatch Report – Rev 3

SD_DANCPCGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-------------------|-------------------|
| DA EIR Cleared MW | DA EIR Cleared MW |

| SD_DANCPCGEN Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW”, “DA TMNSR Cleared MW”, “DA TMOR Cleared MW”, and “DA EIR Cleared MW”. Modified description for “Asset ID”, “Asset Name”, “Node ID”, “Node Name”, “Subaccount ID”, “Subaccount Name”, “Commitment Source”, “Commitment Timestamp”, “Commitment Type”, “Fast Start at Commitment”, “Commitment Reason”, “Commitment Unit Status”, “Self Schedule Treatment for Inter-temporal Violation”, “Day-Ahead Unit Status”, “Day-Ahead Cleared MW”, “DNE Capable Flexible DDG at Commitment”, “DA NCPC Generator Credit Class” columns. | 03.01.2025 |
| Modified. Added new column: “DA NCPC Generator Credit Class”. Modified description for “DNE Capable” and “Flexible DDG at Commitment” description | 03.31.2019 |
| Modified. Added new columns: “DNE Capable” and “Flexible DDG at Commitment”. | 05.25.2016 |
| New | 12.03.2014 |

SD_DANCPGENSUB – Day-Ahead Generator Commitment and Dispatch Subaccount Report – Rev 1

SD_DANCPGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | |
|--------------------------------|---|-------|-------------|---|--|---|
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Node ID | Node ID | | | | | |
| Node Name | Node Name | | | | | |
| Commitment Source | Appropriate values are: <ul style="list-style-type: none">• Day-Ahead• Real-Time | | | | | |
| Commitment Timestamp | Commitment Timestamp | | | | | |
| Commitment Type | Appropriate values are: <ul style="list-style-type: none">• ISO Initiated• Self Scheduled | | | | | |
| Fast Start at Commitment | Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>Y</td><td rowspan="2">Indicates if the asset was considered Fast Start Generator at the time of the commitment</td></tr><tr><td>N</td></tr></table> | Value | Description | Y | Indicates if the asset was considered Fast Start Generator at the time of the commitment | N |
| Value | Description | | | | | |
| Y | Indicates if the asset was considered Fast Start Generator at the time of the commitment | | | | | |
| N | | | | | | |
| Commitment Reason | Appropriate values are: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• Self Scheduled | | | | | |
| Commitment LSCPR/VAR Region(s) | Reliability Region identification number(s) associated with the LSCPR and/or VAR commitment. | | | | | |
| Commitment Unit Status | Unit status from the Effective Offer used in making the commitment decision. Appropriate values are: <ul style="list-style-type: none">• ECONOMIC• MUST_RUN• UNAVAILABLE | | | | | |
| Commitment Economic Min | Economic Minimum Limit from the Effective Offer for the commitment. | | | | | |
| Commitment Minimum Run Time | Minimum run time hours from the Effective Offer for the commitment. | | | | | |
| Commitment Minimum Down Time | Minimum down time hours from the Effective Offer for the commitment. | | | | | |

SD_DANCPCGENSUB – Day-Ahead Generator Commitment and Dispatch Subaccount Report – Rev 1
SD_DANCPCGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|--|---|-------|-------------|----|--|-----|----------------|------|--------------|-------|------------------|-----|-----------------------|
| Self Schedule Treatment for Inter-temporal Violation | <p>Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | Indicates self-schedule treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| Day-Ahead Unit Status | <p>Unit Status from the Effective Offer for dispatch. Appropriate values are:</p> <ul style="list-style-type: none"> ECONOMIC MUST_RUN UNAVAILABLE | | | | | | | | | | | | |
| Day-Ahead Minimum Run Time | Minimum run time hours from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Minimum Down Time | Minimum down time hours from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Economic Min | Economic Minimum Limit from the Effective Offer for dispatch. | | | | | | | | | | | | |
| Day-Ahead Cleared MW | Day-Ahead Cleared MW | | | | | | | | | | | | |
| DNE Capable | <p>Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| Flexible DDG at Commitment | <p>Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment | N | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| Y | If the asset was considered a Flexible DNE Dispatchable Generator (DDG) at the time of the commitment | | | | | | | | | | | | |
| N | | | | | | | | | | | | | |
| DA NCPC Generator Credit Class | <p>Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>FS</td><td>Fast Start</td></tr> <tr> <td>NFS</td><td>non-Fast Start</td></tr> <tr> <td>FDDG</td><td>Flexible DDG</td></tr> <tr> <td>NFDDG</td><td>non-Flexible DDG</td></tr> <tr> <td>ESD</td><td>Energy Storage Device</td></tr> </table> | Value | Description | FS | Fast Start | NFS | non-Fast Start | FDDG | Flexible DDG | NFDDG | non-Flexible DDG | ESD | Energy Storage Device |
| Value | Description | | | | | | | | | | | | |
| FS | Fast Start | | | | | | | | | | | | |
| NFS | non-Fast Start | | | | | | | | | | | | |
| FDDG | Flexible DDG | | | | | | | | | | | | |
| NFDDG | non-Flexible DDG | | | | | | | | | | | | |
| ESD | Energy Storage Device | | | | | | | | | | | | |
| DA TMSR Cleared MW | DA TMSR Cleared MW | | | | | | | | | | | | |
| DA TMNSR Cleared MW | DA TMNSR Cleared MW | | | | | | | | | | | | |
| DA TMOR Cleared MW | DA TMOR Cleared MW | | | | | | | | | | | | |
| DA EIR Cleared MW | DA EIR Cleared MW | | | | | | | | | | | | |

| SD_DANPCGENSUB Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns: “DA TMSR Cleared MW”, “DA TMNSR Cleared MW”, “DA TMOR Cleared MW”, and “DA EIR Cleared MW”. Modified description for “Subaccount ID”, “Subaccount Name”, “Asset ID”, “Asset Name”, “Node ID”, “Node Name”, “Commitment Source”, “Commitment Timestamp”, “Commitment Type”, “Fast Start at Commitment”, “Commitment Reason”, “Commitment Unit Status”, “Self Schedule Treatment for Inter-temporal Violation”, “Day-Ahead Unit Status”, “Day-Ahead Cleared MW”, “DNE Capable Flexible DDG at Commitment”, “DA NCPC Generator Credit Class” columns. | 03.01.2025 |
| New. | 06.01.2021 |

| SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6 SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Settlement Period Summary Section | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Day-Ahead NCPC Asset Credit | The total Day-Ahead NCPC credit for the settlement period |
| Ownership Share | Ownership Share |
| Participant Share Day-Ahead NCPC Credit | Day-Ahead NCPC Asset Credit x Ownership Share |
| Generator Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Fast Start Generator | No value is reported in the column |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Mitigation Type | Appropriate values are: <ul style="list-style-type: none"> • Commitment • Energy |
| Start-Up Cost Ineligible Code for Settlement Period | Code identifier providing a reason for the Start-Up ineligibility. Appropriate values are: |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|--|--|-------|-------------|---|--|---|--|---|---|----|--|
| | <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval</td></tr><tr><td>3</td><td>Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval</td></tr><tr><td>4</td><td>Self Scheduled in planned Start-Up Trading Interval</td></tr></table> | Value | Description | 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | 4 | Self Scheduled in planned Start-Up Trading Interval | | |
| Value | Description | | | | | | | | | | |
| 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | | | | | | | | | | |
| 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | | | | | | | | | | |
| 4 | Self Scheduled in planned Start-Up Trading Interval | | | | | | | | | | |
| Commitment Start-Up Cost for Settlement Period | Start-Up cost from the Effective Offer for commitment. | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) for Settlement Period | Code identifier providing a reason for the adjustment to the Start-Up cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Final Start-Up Cost for Settlement Period | Commitment Start-Up Cost for Settlement Period less any adjustments | | | | | | | | | | |
| Start-Up Amortization Period Start for Settlement Period | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | |
| Amortized Start-Up Cost | Final Start-Up Cost for Settlement Period, allocated to this Trading Interval | | | | | | | | | | |
| No Load Cost Ineligible Code | Code identifier providing a reason for the No Load Cost ineligibility. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>7</td><td>No Load Costs waived on Effective Offer for commitment for Trading Interval</td></tr><tr><td>8</td><td>No Load Costs waived on Effective Offer for dispatch for Trading Interval</td></tr><tr><td>9</td><td>Self Scheduled in Trading Interval</td></tr><tr><td>30</td><td>Generator not cleared DA in a minimum run carryover committed Trading Interval</td></tr></table> | Value | Description | 7 | No Load Costs waived on Effective Offer for commitment for Trading Interval | 8 | No Load Costs waived on Effective Offer for dispatch for Trading Interval | 9 | Self Scheduled in Trading Interval | 30 | Generator not cleared DA in a minimum run carryover committed Trading Interval |
| Value | Description | | | | | | | | | | |
| 7 | No Load Costs waived on Effective Offer for commitment for Trading Interval | | | | | | | | | | |
| 8 | No Load Costs waived on Effective Offer for dispatch for Trading Interval | | | | | | | | | | |
| 9 | Self Scheduled in Trading Interval | | | | | | | | | | |
| 30 | Generator not cleared DA in a minimum run carryover committed Trading Interval | | | | | | | | | | |
| Commitment No Load Cost | No Load Cost from the Effective Offer for commitment | | | | | | | | | | |
| No Load Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to No Load Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Final No Load Cost | Commitment No Load Cost less any adjustments | | | | | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|--|-------|-------------|---|---|---|--|---|----------------------------------|---|--------------------------------|---|----------------------------------|
| Commitment Energy Cost | Energy cost for MW up to Economic Minimum Limit, from the Effective Offer for commitment | | | | | | | | | | | | |
| Commitment Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Commitment Energy Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Commitment Cost calculated using Effective Offer for dispatch</td></tr><tr><td>2</td><td>Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment</td></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 1 | Commitment Cost calculated using Effective Offer for dispatch | 2 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | | | |
| 1 | Commitment Cost calculated using Effective Offer for dispatch | | | | | | | | | | | | |
| 2 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Final Commitment Energy Cost | Commitment Energy Cost less any adjustments | | | | | | | | | | | | |
| Dispatch Energy Cost | Energy cost for MW dispatched above Economic Minimum Limit, from the Effective Offer for dispatch | | | | | | | | | | | | |
| Dispatch Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Dispatch Energy Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | |
| Value | Description | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Final Dispatch Energy Cost | Dispatch Energy Cost less any adjustments | | | | | | | | | | | | |
| Final Energy Cost | Final Commitment Energy Cost + Final Dispatch Energy Cost. | | | | | | | | | | | | |
| Hourly Cost | Amortized Start-Up Cost + Final No Load Cost + Final Energy Cost + Final DA TMSR Cost + Final DA TMNSR Cost + Final DA TMOR Cost + Final DA EIR Cost | | | | | | | | | | | | |
| Hourly Revenue | (Day-Ahead Cleared MW x Day-Ahead LMP) + Asset FER Credit DA TMSR Revenue + DA TMNSR Revenue + DA TMOR Revenue + DA EIR Revenue | | | | | | | | | | | | |
| Fast Start Generator NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Hourly Cost - Hourly Revenue Otherwise, no value is reported in this column | | | | | | | | | | | | |
| Fast Start Generator NCPC Credit Adjustment Code(s) | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, code identifier providing a reason for the adjustment to the Fast Start Generator NCPC Credit. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> | Value | Description | 9 | Negative credit set to zero | | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|---|-------|-------------|---|-----------------------------|
| | Otherwise, no value is reported in this column | | | | |
| Fast Start Generator Final NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Fast Start Generator NCPC Credit less any adjustments Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Hourly Cost for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Hourly Cost values for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Hourly Revenue for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Hourly Revenue values for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator NCPC Credit for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Total Hourly Cost for Settlement Period - Non-Fast Start Generator Total Hourly Revenue for Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s) | <div>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Generator NCPC Credit for Settlement Period. Appropriate values are:</div> <table><tr><th>Value</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> <div>Otherwise, no value is reported in this column</div> | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Non-Fast Start Generator Final NCPC Credit for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator NCPC Credit for Settlement Period less any adjustments Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Negative Net Revenue | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, MIN (Hourly Revenue – Hourly Cost, 0) Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Negative Net Revenue for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Generator Negative Net Revenue for the Settlement Period. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Day-Ahead NCPC Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Final NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Non-Fast Start Generator Negative Net Revenue. Otherwise, no value is reported in this column | | | | |
| Ownership Share | Ownership Share | | | | |
| Participant Share Day-Ahead NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Fast Start Generator NCPC Credit \times Ownership Share | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|-----------------|----------------|-----------------|--------------------|------------|--------------------------------|-----|----------------------------------|----------------|------|--------------|------------|-------|------------------|----------------|-----|-----------------------|------------|
| | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Day-Ahead NCPC Credit \times Ownership Share | | | | | | | | | | | | | | | | | | |
| NCPC Credit Type | Reason the asset was committed Appropriate values are: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR | | | | | | | | | | | | | | | | | | |
| DA NCPC Generator Credit Class | <p>The DA NCPC Generator Credit Class indicates the type of generator and the applicable credit calculation logic.</p> <p>Subsequent fields labeled Fast Start or Non Fast Start will be populated based on this indicator. Appropriate values are:</p> <table><tr><th>Credit Class</th><th>Generator Type</th><th>Field Populated</th></tr><tr><td>FS</td><td>Fast Start</td><td>Fast Start</td></tr><tr><td>NFS</td><td>non-Fast Start</td><td>Non-Fast Start</td></tr><tr><td>FDDG</td><td>Flexible DDG</td><td>Fast Start</td></tr><tr><td>NFDDG</td><td>non-Flexible DDG</td><td>Non-Fast Start</td></tr><tr><td>ESD</td><td>Energy Storage Device</td><td>Fast Start</td></tr></table> | Credit Class | Generator Type | Field Populated | FS | Fast Start | Fast Start | NFS | non-Fast Start | Non-Fast Start | FDDG | Flexible DDG | Fast Start | NFDDG | non-Flexible DDG | Non-Fast Start | ESD | Energy Storage Device | Fast Start |
| Credit Class | Generator Type | Field Populated | | | | | | | | | | | | | | | | | |
| FS | Fast Start | Fast Start | | | | | | | | | | | | | | | | | |
| NFS | non-Fast Start | Non-Fast Start | | | | | | | | | | | | | | | | | |
| FDDG | Flexible DDG | Fast Start | | | | | | | | | | | | | | | | | |
| NFDDG | non-Flexible DDG | Non-Fast Start | | | | | | | | | | | | | | | | | |
| ESD | Energy Storage Device | Fast Start | | | | | | | | | | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMSR Adjustment Code | <p>Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments | | | | | | | | | | | | | | | | | | |
| DA TMSR Revenue | DA TMSR Cleared MW \times DA TMSR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMNSR Cost | Ancillary cost for DA TMNSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMNSR Adjustment Code | <p>Code identifier providing a reason for the adjustment to the DA TMNSR Cost. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| Final DA TMNSR Cost | DA TMNSR Cost less any adjustments | | | | | | | | | | | | | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--------------------------------------|---|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| DA TMNSR Revenue | DA TMNSR Cleared MW x DA TMNSR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments | | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Cost | Ancillary cost for DA EIR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Adjustment Code | Code identifier providing a reason for the adjustment to the DA EIR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA EIR Cost | DA EIR Cost less any adjustments | | | | | | | | |
| DA EIR Revenue | DA EIR Cleared MW x DA EIR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| External Transaction Credits Section | | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| External Transaction ID | External Transaction ID | | | | | | | | |
| External Node ID | External Node ID | | | | | | | | |
| External Node Name | External Node Name | | | | | | | | |
| Resource Type | The description of the transaction at the External Node. Appropriate values are: <ul style="list-style-type: none">• PURCHASE• SALE | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|----------------------------------|--|-------|-------------|---|--|
| Hourly Offer/Bid | Cleared Day-Ahead MW \times External Transaction offer or bid | | | | |
| Hourly Revenue/Cost | Cleared Day-Ahead MW \times (Day-Ahead LMP + FER Price) | | | | |
| Hourly Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Hourly Offer/Bid and Hourly Revenue/Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>7</td><td>Adjustment for offsetting transactions at External Nodes</td></tr></table> | Value | Description | 7 | Adjustment for offsetting transactions at External Nodes |
| Value | Description | | | | |
| 7 | Adjustment for offsetting transactions at External Nodes | | | | |
| Final Hourly Offer/Bid | Hourly Offer/Bid less any adjustments | | | | |
| Final Hourly Energy Revenue/Cost | Hourly Revenue/Cost less any adjustments | | | | |
| NCPC Credit | If External Transaction is a Purchase, Final Hourly Offer/Bid – Final Hourly Energy Revenue/Cost If External Transaction is a Sale, Final Energy Revenue/Cost – Final Hourly Offer/Bid | | | | |
| NCPC Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the NCPC Credit. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments | | | | |
| Import FER Credit | If External Transaction is a Purchase, Import FER Credit Otherwise, 0 | | | | |
| Export FER Charge | If External Transaction is a Sale, Export FER Charge Otherwise, 0 | | | | |
| Virtual Credits Section | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| External Node ID | External Node ID | | | | |
| External Node Name | External Node Name | | | | |
| Resource Type | The description of the transaction at the External Node. Appropriate values are: <ul style="list-style-type: none">• INC• DEC | | | | |
| Hourly Offer/Bid | Cleared Day-Ahead MW \times virtual transaction offer or bid | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|-----------------------------------|--|--------|-------------|---|--|
| Hourly Revenue/Cost | Cleared Day-Ahead MW \times Day-Ahead LMP | | | | |
| Hourly Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Hourly Offer/Bid and Hourly Revenue/Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>7</td><td>Adjustment for offsetting transactions at External Nodes</td></tr></table> | Value | Description | 7 | Adjustment for offsetting transactions at External Nodes |
| Value | Description | | | | |
| 7 | Adjustment for offsetting transactions at External Nodes | | | | |
| Final Hourly Offer/Bid | Hourly Offer/Bid less any adjustments | | | | |
| Final Hourly Energy Revenue/Cost | Hourly Revenue/Cost less any adjustments | | | | |
| NCPC Credit | If the Virtual Transaction is a INC, Final Hourly Offer/Bid – Final Hourly Energy Revenue/Cost If the Virtual Transaction is a DEC, Final Energy Revenue/Cost – Final Hourly Offer/Bid | | | | |
| NCPC Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the NCPC Credit. Appropriate values are: <table><tr><th>Reason</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments | | | | |
| Virtual Credits - Segment Section | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Transaction ID | Transaction ID | | | | |
| External Node ID | External Node ID | | | | |
| External Node Name | External Node Name | | | | |
| Resource Type | The description of the transaction at the External Node. Appropriate values are: <ul style="list-style-type: none">• INC• DEC | | | | |
| Subaccount ID | Subaccount ID | | | | |
| Subaccount Name | Subaccount Name | | | | |
| Segment ID | Segment ID | | | | |

| SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6 SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | |
|--|--|-------|-------------|---|--|
| REPORT COLUMN | DESCRIPTION | | | | |
| Hourly Offer/Bid | Cleared Day-Ahead MW \times virtual transaction offer or bid | | | | |
| Hourly Revenue/Cost | Cleared Day-Ahead MW \times Day-Ahead LMP | | | | |
| Hourly Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Hourly Offer/Bid and Hourly Revenue/Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>7</td><td>Adjustment for offsetting transactions at External Nodes</td></tr> </tbody> </table> | Value | Description | 7 | Adjustment for offsetting transactions at External Nodes |
| Value | Description | | | | |
| 7 | Adjustment for offsetting transactions at External Nodes | | | | |
| Final Hourly Offer/Bid | Hourly Offer/Bid less any adjustments | | | | |
| Final Hourly Energy Revenue/Cost | Hourly Revenue/Cost less any adjustments | | | | |
| NCPC Credit | If the Virtual Transaction is a INC, Final Hourly Offer/Bid – Final Hourly Energy Revenue/Cost If the Virtual Transaction is a DEC, Final Energy Revenue/Cost – Final Hourly Offer/Bid | | | | |
| DARD Credits Section | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Asset ID | Asset ID | | | | |
| Asset Name | Asset Name | | | | |
| Subaccount ID | Subaccount ID | | | | |
| Subaccount Name | Subaccount Name | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Commitment Energy Bid | Energy bid for MW up to Minimum Consumption Limit, from the Effective Offer for commitment. | | | | |
| Dispatch Energy Bid | Energy bid for MW dispatched above Minimum Consumption Limit, from the Effective Offer for dispatch. | | | | |
| Final Energy Bid | Commitment Energy Bid + Dispatch Energy Bid | | | | |
| Energy Cost | Day-Ahead Cleared MW \times Day-Ahead LMP | | | | |
| Hourly Credit | If Settlement Period Type is Trading Interval, (Energy Cost +Final DA TMSR Cost + Final TMOR Cost) – (Final Energy Bid + DA TMSR Revenue + DA TMOR Revenue) Otherwise, no value is reported in this column | | | | |
| Hourly Bid for Settlement Period | Sum of Final Energy Bid for the Settlement Period | | | | |
| Hourly Cost for Settlement Period | Sum of Energy Cost for the Settlement Period + Final DA TMSR Cost + | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| | Final DA TMOR Cost | | | | | | | | |
| NCPC Credit for Settlement Period | If Settlement Period Type is Trading Interval, Sum of Hourly Credits for Settlement Period If Settlement Period Type is Net Period, Hourly Cost for Settlement Period – Hourly Bid for Settlement Period – DA TMSR Revenue – DA TMOR Revenue | | | | | | | | |
| Negative Net Cost | If Settlement Period Type is Net Period, Max (0, Energy Cost +Final DA TMSR Cost + Final TMOR Cost - Final Energy Bid - DA TMSR Revenue – DA TMOR Revenue) Otherwise, no value is reported in this column | | | | | | | | |
| Total Negative Net Cost for Settlement Period | If Settlement Period Type is Net Period, Sum of the Negative Net Cost for the Settlement Period. Otherwise, no value is reported in this column | | | | | | | | |
| Day-Ahead NCPC Credit | If Settlement Period Type is Net Period, NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Negative Net Cost Otherwise, no value is reported in this column | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | |
| Participant Share Day-Ahead NCPC Credit | If Settlement Period Type is Trading Interval, Hourly Credit x Ownership Share If Settlement Period Type is Net Period, Day-Ahead NCPC Credit x Ownership Share | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day-Ahead Cleared MW is less than zero. | | | | | | | | |
| DA TMSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments | | | | | | | | |
| DA TMSR Revenue | DA TMSR Cleared MW x DA TMSR Clearing Price where Day-Ahead Cleared MW is less than zero | | | | | | | | |
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is less than zero. | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | | |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |

| SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6 | | | | | | | | |
|---|--|----------------------------------|-------|-------------|------------------|--|------------|--|
| SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV | | | | | | | | |
| <Customer Name> | | | | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | | | | |
| Availability: Daily | | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | | |
| | 6 | Correction of ex-ante mitigation | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price where Day-Ahead Cleared MW is less than zero | | | | | | | |
| DRR Settlement Period Summary Section | | | | | | | | |
| Asset ID | Asset ID | | | | | | | |
| Asset Name | Asset Name | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | |
| Day-Ahead NCPC Credit | Day-Ahead NCPC credit | | | | | | | |
| DRR Credits Section | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | |
| Asset ID | Asset ID | | | | | | | |
| Asset Name | Asset Name | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | |
| Settlement Period Type | Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>Trading Interval</td><td>Fast Start Demand Response Resource that does not reach its maximum number of daily starts</td></tr><tr><td>Net Period</td><td>Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts</td></tr></table> | | Value | Description | Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts |
| Value | Description | | | | | | | |
| Trading Interval | Fast Start Demand Response Resource that does not reach its maximum number of daily starts | | | | | | | |
| Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts | | | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | |
| Commitment Interruption Cost for Settlement Period | Interruption cost from the Effective Offer for commitment | | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|--|---|-------|-------------|---|---|----|--|
| Interruption Cost Adjustment Code(s) for Settlement Period | Code identifier providing a reason for the adjustment to the Interruption cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> </tbody> </table> | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | | |
| Value | Description | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | |
| Final Interruption Cost for Settlement Period | Commitment Interruption Cost for Settlement Period less any adjustments | | | | | | |
| Start-Up Amortization Period Start for Settlement Period | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Amortized Interruption Cost | Final Interruption Cost for Settlement Period, allocated to this Trading Interval | | | | | | |
| Commitment Energy Cost | Energy cost for MW up to Minimum Reduction Limit, from the Effective Offer for commitment | | | | | | |
| Commitment Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Commitment Energy Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment Cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>12</td><td>Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment</td></tr> </tbody> </table> | Value | Description | 1 | Commitment Cost calculated using Effective Offer for dispatch | 12 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment |
| Value | Description | | | | | | |
| 1 | Commitment Cost calculated using Effective Offer for dispatch | | | | | | |
| 12 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | | | | | | |
| Final Commitment Energy Cost | Commitment Energy Cost less any adjustments | | | | | | |
| Final Dispatch Energy Cost | Energy cost for MW dispatched above Minimum Reduction Limit, from the Effective Offer for dispatch | | | | | | |
| Final Energy Cost Unadjusted | Final Commitment Energy Cost + Final Dispatch Energy Cost | | | | | | |
| Pool Distribution Loss Factor | The daily average avoided peak distribution loss factor | | | | | | |
| Final Energy Cost | Final Energy Cost Unadjusted \times (1 + Pool Distribution Loss Factor) | | | | | | |
| Hourly Cost | Amortized Interruption Cost + Final Energy Cost + Final DA TMSR Cost + Final DA TMNSR Cost + Final DA TMOR Cost + Final DA EIR Cost | | | | | | |
| Hourly Revenue Unadjusted | Day-Ahead Cleared MW \times Day-Ahead LMP | | | | | | |
| Hourly Revenue | Hourly Revenue Unadjusted \times (1 + Pool Distribution Loss Factor) + Asset FER Credit + DA TMSR Revenue + DA TMNSR Revenue + DA TMOR Revenue + DA EIR Revenue | | | | | | |
| Fast Start Demand Response Resource NCPD Credit | If Settlement Period Type is Trading Interval, Hourly Cost - Hourly Revenue Otherwise, no value is reported in this column | | | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|--|-------|-------------|---|-----------------------------|
| Fast Start Demand Response Resource NCPC Credit Adjustment Code(s) | <p>If Settlement Period Type is Trading Interval, code identifier providing a reason for the adjustment to the Fast Start Demand Response Resources NCPC Credit. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> <p>Otherwise, no value is reported in this column</p> | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Fast Start Demand Response Resource Final NCPC Credit | <p>If Settlement Period Type is Trading Interval, Fast Start Demand Response Resource NCPC Credit less any adjustments.</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period | <p>If Settlement Period Type is Net Period, Sum of Hourly Cost for the Settlement Period</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period | <p>If Settlement Period Type is Net Period, Sum of Hourly Revenue s for the Settlement Period</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period | <p>If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period - Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period Adjustment Code(s) | <p>If Settlement Period Type is Net Period, code identifier providing a reason for the adjustment to the NCPC Credit for Non-Fast Start Demand Response Resources. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>9</td><td>Negative credit set to zero</td></tr></table> <p>Otherwise, no value is reported in this column</p> | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period | <p>If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period less any adjustments.</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource Negative Net Revenue | <p>If Settlement Period Type is Net Period, MIN (0, Hourly Revenue –Hourly Cost)</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource Total Negative Net Revenue for Settlement Period | <p>If Settlement Period Type is Net Period, Sum of the Non-Fast Start Demand Response Resource Negative Net Revenue for the Settlement Period</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit | <p>If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Non-Fast Start Demand Response Resource Negative Net Revenue</p> <p>Otherwise, no value is reported in this column</p> | | | | |
| Participant Share Day-Ahead NCPC Credit | <p>If Settlement Period Type is Trading Interval, Fast Start Demand Response Resource Final NCPC Credit</p> | | | | |

SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6

SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--------------------------|--|--------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| | If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit | | | | | | | | |
| NCPC Credit Type | The reason the asset was committed. Appropriate values are: <ul style="list-style-type: none">• Economic• LSCPR• SCR | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are: <table><tr><th>Values</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Values | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Values | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMSR Revenue | DA TMSR Cleared MW x DA TMSR Clearing Price $\times (1 + \text{Pool Distribution Loss Factor})$ where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMNSR Cost | Ancillary cost for DA TMNSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero. | | | | | | | | |
| DA TMNSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMNSR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMNSR Cost | DA TMNSR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMNSR Revenue | DA TMNSR Cleared MW x DA TMNSR Clearing Price $\times (1 + \text{Pool Distribution Loss Factor})$ where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |

| SD_DANCPCPYMT – Day-Ahead Net Commitment Period Compensation Payment Report – Rev 6 | | | | | | | | | |
|---|--|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| SD_DANCPCPYMT_<customer id>_<settlement date>_<version>.CSV | | | | | | | | | |
| <Customer Name> | | | | | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | | | | | |
| Availability: Daily | | | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Cost | Ancillary cost for DA EIR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Adjustment Code | Code identifier providing a reason for the adjustment to the DA EIR Cost. Appropriate values are: <table border="1"> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA EIR Cost | DA EIR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA EIR Revenue | DA EIR Cleared MW x DA EIR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |

| SD_DANCPCPYMT Change Summary | Effective Date |
|--|----------------|
| <p>Modified. In “Settlement Period Summary Section”: modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Day-Ahead NCPC Asset Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”. In “Generator Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMNSR Cost”, “DA TMNSR Adjustment Code”, “Final DA TMNSR Cost”, “DA TMNSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, “DA EIR Cost”, “DA EIR Adjustment Code”, “Final DA EIR Cost, DA EIR Revenue”, modified columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Fast Start Generator”, “Mitigation Type”, “Final Energy Cost”, “Hourly Cost”, “Hourly Revenue”, “Fast Start Generator NCPC Credit”, “Fast Start Generator NCPC Credit Adjustment Code(s)”, “Fast Start Generator Final NCPC Credit”, “Non-Fast Start Generator Total Hourly Cost for Settlement Period”, “Non-Fast Start Generator Total Hourly Revenue for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Generator Final NCPC Credit for Settlement Period”, “Non-Fast Start Generator Negative Net Revenue”, “Non-Fast Start Generator Total Negative Net Revenue for Settlement Period”, “Non-Fast Start Generator Day-Ahead NCPC Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”, “NCPC Credit Type”, “DA NCPC Generator Credit Class”. In “External Transaction Credits Section”: added new columns “Import FER Credit”, “Export FER Charge”, modified descriptions of columns “External Transaction ID”, “External Node ID”, “External Node Name”, “Resource Type”, “Subaccount ID”, “Subaccount Name”, “Hourly Offer/Bid”, “Hourly Revenue/Cost”, “NCPC Credit”. In “Virtual Credits Section”: modified descriptions of columns “External Node ID”, “External Node Name”, “Resource Type”, “Subaccount ID”, “Subaccount Name”, “Hourly Offer/Bid”, “Hourly Revenue/Cost”, “NCPC Credit”. In “Virtual Credits - Segment Section”: modified descriptions of columns “Transaction ID”, “External Node ID”, “External Node Name”, “Resource Type”,</p> | 03.01.2025 |

| | |
|--|------------|
| <p>“Subaccount ID”, “Subaccount Name”, “Segment ID”, “Hourly Offer/Bid”, “Hourly Revenue/Cost”, “NCPC Credit”. In “DARD Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Final Energy Bid”, “Energy Cost”, “Hourly Credit”, “Hourly Bid for Settlement Period”, “Hourly Cost for Settlement Period”, “NCPC Credit for Settlement Period”, “Negative Net Cost”, “Total Negative Net Cost for Settlement Period”, “Day-Ahead NCPC Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”. In “DRR Settlement Period Summary Section”: modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”. In “DRR Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMNSR Cost”, “DA TMNSR Adjustment Code”, “Final DA TMNSR Cost”, “DA TMNSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, “DA EIR Cost”, “DA EIR Adjustment Code”, “Final DA EIR Cost”, “DA EIR Revenue”, modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Settlement Period Type”, “Final Energy Cost Unadjusted”, “Final Energy Cost”, “Hourly Cost”, “Hourly Revenue Unadjusted”, “Hourly Revenue”, “Fast Start Demand Response Resource NCPC Credit”, “Fast Start Demand Response Resource NCPC Credit Adjustment Code(s)”, “Fast Start Demand Response Resource Final NCPC Credit”, “Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period”, “Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period”, “Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period”, “Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period”, “Non-Fast Start Demand Response Resource Negative Net Revenue”, “Non-Fast Start Demand Response Resource Total Negative Net Revenue for Settlement Period”, “Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit”, “Participant Share Day-Ahead NCPC Credit”.</p> | |
| <p>Modified. In “Generator Credits Section”: modified description of “Non-Fast Start Generator Total Hourly Cost for Settlement Period”, “Non-Fast Start Generator Total Hourly Revenue for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Generator Final NCPC Credit for Settlement Period”, “Non-Fast Start Generator Negative Net Revenue”, “Non-Fast Start Generator Total Negative Net Revenue for Settlement Period”, “Non-Fast Start Generator Day-Ahead NCPC Credit”, and “DA NCPC Generator Credit Class”.</p> | 03.31.2019 |
| <p>Modified. In “Generator Credits Section”: modified description of “Fast Start Generator NCPC Credit”, “Fast Start Generator Final NCPC Credit” and “DA NCPC Generator Credit Class”. Renamed “DARD Credits Section”, modified description of “Hourly Credits”, “NCPC Credit for Settlement Period”, “Negative Net Cost”, and “Participant Share Day-Ahead NCPC Credit”.</p> | 03.31.2019 |
| <p>Modified. Add “DRR Settlement Period Summary” and “DRR Credits” sections.</p> | 06.01.2018 |
| <p>Modified. In “Generator Credits Section: removed outdated effective dating references from column descriptions. Added new section: “DARD Pump Credits Section”.</p> | 03.01.2017 |
| <p>Modified. In the “Generator Credits Section”: modified description of “Fast Start Generator”, “Fast Start Generator NCPC Credit”, “Fast Start Generator NCPC Credit Adjustment Code(s)”, “Fast Start Generator Final NCPC Credit”, “Non-Fast Start Generator Total Hourly Cost for Settlement Period”, “Non-Fast Start Generator Total Hourly Revenue for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Generator Final NCPC Credit for Settlement Period”, “Non-Fast Start Generator Negative Net Revenue”, “Non-Fast Start Generator Total Negative Net Revenue for Settlement Period”, and “Non-Fast Start Generator Day-Ahead NCPC Credit”; added new column “DA NCPC Generator Credit Class”.</p> | 05.25.2016 |
| <p>New. Minor correction to Draft description of "Settlement Period End" in Settlement Period Summary Section; changed 'first' Trading Interval to 'last' Trading Interval.</p> | 12.03.2014 |

| | | |
|---|--|--|
| SD_DANCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1 | | |
| SD_DANCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV | | |
| <Customer Name> | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | |
| Availability: Daily | | |
| REPORT COLUMN | DESCRIPTION | |
| Settlement Period Summary Section | | |
| Subaccount ID | Subaccount ID | |
| Subaccount Name | Subaccount Name | |
| Asset ID | Asset ID | |
| Asset Name | Asset Name | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | |
| Day-Ahead NCPC Asset Credit | The total Day-Ahead NCPC credit for the settlement period | |
| Ownership Share | Ownership Share | |
| Subaccount Share Day-Ahead NCPC Credit | Day-Ahead NCPC Asset Credit x Ownership Share | |
| Generator Credits Section | | |
| Subaccount ID | Subaccount ID | |
| Subaccount Name | Subaccount Name | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | |
| Asset ID | Asset ID | |
| Asset Name | Asset Name | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | |
| Mitigation Type | Appropriate values are: <ul style="list-style-type: none">CommitmentEnergy | |
| Start-Up Cost Ineligible Code for Settlement Period | Code identifier providing a reason for the Start-Up ineligibility. Appropriate values are: | |
| | Value | Description |
| | 1 | Start-Up costs waived on Effective Offer for |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|--|--|-------|---|---|--|---|---|---|------------------------------------|----|--|
| | <table> <tr> <td></td><td>commitment in Start-Up Trading Interval</td></tr> <tr> <td>3</td><td>Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval</td></tr> <tr> <td>4</td><td>Self Scheduled in planned Start-Up Trading Interval</td></tr> </table> | | commitment in Start-Up Trading Interval | 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | 4 | Self Scheduled in planned Start-Up Trading Interval | | | | |
| | commitment in Start-Up Trading Interval | | | | | | | | | | |
| 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | | | | | | | | | | |
| 4 | Self Scheduled in planned Start-Up Trading Interval | | | | | | | | | | |
| Commitment Start-Up Cost for Settlement Period | Start-Up cost from the Effective Offer for commitment. | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) for Settlement Period | <p>Code identifier providing a reason for the adjustment to the Start-Up cost. Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Final Start-Up Cost for Settlement Period | Commitment Start-Up Cost for Settlement Period less any adjustments | | | | | | | | | | |
| Start-Up Amortization Period Start for Settlement Period | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | |
| Amortized Start-Up Cost | Final Start-Up Cost for Settlement Period, allocated to this Trading Interval | | | | | | | | | | |
| No Load Cost Ineligible Code | <p>Code identifier providing a reason for the No Load Cost ineligibility. Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>7</td><td>No Load Costs waived on Effective Offer for commitment for Trading Interval</td></tr> <tr> <td>8</td><td>No Load Costs waived on Effective Offer for dispatch for Trading Interval</td></tr> <tr> <td>9</td><td>Self Scheduled in Trading Interval</td></tr> <tr> <td>30</td><td>Generator not cleared DA in a minimum run carryover committed Trading Interval</td></tr> </table> | Value | Description | 7 | No Load Costs waived on Effective Offer for commitment for Trading Interval | 8 | No Load Costs waived on Effective Offer for dispatch for Trading Interval | 9 | Self Scheduled in Trading Interval | 30 | Generator not cleared DA in a minimum run carryover committed Trading Interval |
| Value | Description | | | | | | | | | | |
| 7 | No Load Costs waived on Effective Offer for commitment for Trading Interval | | | | | | | | | | |
| 8 | No Load Costs waived on Effective Offer for dispatch for Trading Interval | | | | | | | | | | |
| 9 | Self Scheduled in Trading Interval | | | | | | | | | | |
| 30 | Generator not cleared DA in a minimum run carryover committed Trading Interval | | | | | | | | | | |
| Commitment No Load Cost | No Load Cost from the Effective Offer for commitment. | | | | | | | | | | |
| No Load Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to No Load Cost. Appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|--|-------|-------------|---|---|---|--|---|----------------------------------|---|--------------------------------|---|----------------------------------|
| Final No Load Cost | Commitment No Load Cost less any adjustments | | | | | | | | | | | | |
| Commitment Energy Cost | Energy cost for MW up to Economic Minimum Limit, from the Effective Offer for commitment | | | | | | | | | | | | |
| Commitment Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Commitment Energy Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment Cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>2</td><td>Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 1 | Commitment Cost calculated using Effective Offer for dispatch | 2 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | | | | | |
| 1 | Commitment Cost calculated using Effective Offer for dispatch | | | | | | | | | | | | |
| 2 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Final Commitment Energy Cost | Commitment Energy Cost less any adjustments | | | | | | | | | | | | |
| Dispatch Energy Cost | Energy cost for MW dispatched above Economic Minimum Limit, from the Effective Offer for dispatch | | | | | | | | | | | | |
| Dispatch Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Dispatch Energy Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | |
| Value | Description | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Final Dispatch Energy Cost | Dispatch Energy Cost less any adjustments | | | | | | | | | | | | |
| Final Energy Cost | Final Commitment Energy Cost + Final Dispatch Energy Cost. | | | | | | | | | | | | |
| Hourly Cost | Amortized Start-Up Cost + Final No Load Cost + Final Energy Cost + Final DA TMSR Cost + Final DA TMNSR Cost + Final DA TMOR Cost + Final DA EIR Cost | | | | | | | | | | | | |
| Hourly Revenue | (Day-Ahead Cleared MW x Day-Ahead LMP) + Asset FER Credit DA TMSR Revenue + DA TMNSR Revenue + DA TMOR Revenue + DA EIR Revenue | | | | | | | | | | | | |
| Fast Start Generator NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Hourly Cost - Hourly Revenue Otherwise, no value is reported in this column | | | | | | | | | | | | |
| Fast Start Generator NCPC Credit Adjustment Code(s) | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, code identifier providing a reason for the adjustment to the Fast Start Generator NCPC Credit. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> | Value | Description | 9 | Negative credit set to zero | | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|-------|-------------|---|-----------------------------|
| | Otherwise, no value is reported in this column | | | | |
| Fast Start Generator Final NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Fast Start Generator NCPC Credit less any adjustments Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Hourly Cost for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Hourly Cost values for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Hourly Revenue for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Hourly Revenue values for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator NCPC Credit for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Total Hourly Cost for Settlement Period - Non-Fast Start Generator Total Hourly Revenue for Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s) | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Generator NCPC Credit for Settlement Period. Appropriate values are: <table border="1"> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> Otherwise, no value is reported in this column | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Non-Fast Start Generator Final NCPC Credit for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator NCPC Credit for Settlement Period less any adjustments Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Negative Net Revenue | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, MIN (Hourly Revenue – Hourly Cost, 0) Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Total Negative Net Revenue for Settlement Period | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Generator Negative Net Revenue for the Settlement Period. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Generator Day-Ahead NCPC Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Final NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Non-Fast Start Generator Negative Net Revenue. Otherwise, no value is reported in this column | | | | |
| Ownership Share | Ownership Share | | | | |
| Subaccount Share Day-Ahead NCPC Credit | If asset is an Energy Storage Device, Fast Start Generator or Flexible DDG Generator, Fast Start Generator NCPC Credit \times Ownership Share If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Generator Day-Ahead NCPC Credit \times | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|-----------------|----------------|-----------------|--------------------|------------|--------------------------------|-----|----------------------------------|----------------|------|--------------|------------|-------|------------------|----------------|-----|-----------------------|------------|
| | Ownership Share | | | | | | | | | | | | | | | | | | |
| NCPC Credit Type | Reason the asset was committed Appropriate values are: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR | | | | | | | | | | | | | | | | | | |
| DA NCPC Generator Credit Class | <p>The DA NCPC Generator Credit Class indicates the type of generator and the applicable credit calculation logic.</p> <p>Subsequent fields labeled Fast Start or Non Fast Start will be populated based on this indicator. Appropriate values are:</p> <table><tr><th>Credit Class</th><th>Generator Type</th><th>Field Populated</th></tr><tr><td>FS</td><td>Fast Start</td><td>Fast Start</td></tr><tr><td>NFS</td><td>non-Fast Start</td><td>Non-Fast Start</td></tr><tr><td>FDDG</td><td>Flexible DDG</td><td>Fast Start</td></tr><tr><td>NFDDG</td><td>non-Flexible DDG</td><td>Non-Fast Start</td></tr><tr><td>ESD</td><td>Energy Storage Device</td><td>Fast Start</td></tr></table> | Credit Class | Generator Type | Field Populated | FS | Fast Start | Fast Start | NFS | non-Fast Start | Non-Fast Start | FDDG | Flexible DDG | Fast Start | NFDDG | non-Flexible DDG | Non-Fast Start | ESD | Energy Storage Device | Fast Start |
| Credit Class | Generator Type | Field Populated | | | | | | | | | | | | | | | | | |
| FS | Fast Start | Fast Start | | | | | | | | | | | | | | | | | |
| NFS | non-Fast Start | Non-Fast Start | | | | | | | | | | | | | | | | | |
| FDDG | Flexible DDG | Fast Start | | | | | | | | | | | | | | | | | |
| NFDDG | non-Flexible DDG | Non-Fast Start | | | | | | | | | | | | | | | | | |
| ESD | Energy Storage Device | Fast Start | | | | | | | | | | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMSR Adjustment Code | <p>Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments | | | | | | | | | | | | | | | | | | |
| DA TMSR Revenue | DA TMSR Cleared MW x DA TMSR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMNSR Cost | Ancillary cost for DA TMNSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | | | | | | | | | | | |
| DA TMNSR Adjustment Code | <p>Code identifier providing a reason for the adjustment to the DA TMNSR Cost. Appropriate values are:</p> <table><tr><th>Value</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | |
| Final DA TMNSR Cost | DA TMNSR Cost less any adjustments | | | | | | | | | | | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1

SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| DA TMNSR Revenue | DA TMNSR Cleared MW x DA TMNSR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments | | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Cost | Ancillary cost for DA EIR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Adjustment Code | Code identifier providing a reason for the adjustment to the DA EIR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA EIR Cost | DA EIR Cost less any adjustments | | | | | | | | |
| DA EIR Revenue | DA EIR Cleared MW x DA EIR Clearing Price where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| External Transaction Credits Section | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| External Transaction ID | External Transaction ID | | | | | | | | |
| External Node ID | External Node ID | | | | | | | | |
| External Node Name | External Node Name | | | | | | | | |
| Resource Type | The description of the transaction at the External Node. Appropriate values are: | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1

SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|---|-------|-------------|---|--|
| | <ul style="list-style-type: none"> • PURCHASE • SALE | | | | |
| Hourly Offer/Bid | Cleared Day-Ahead MW \times External Transaction offer or bid | | | | |
| Hourly Revenue/Cost | Cleared Day-Ahead MW \times (Day-Ahead LMP + FER Price) | | | | |
| Hourly Adjustment Code(s) | <p>Code identifier providing a reason for the adjustments to the Hourly Offer/Bid and Hourly Revenue/Cost. Appropriate values are:</p> <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>7</td><td>Adjustment for offsetting transactions at External Nodes</td></tr> </tbody> </table> | Value | Description | 7 | Adjustment for offsetting transactions at External Nodes |
| Value | Description | | | | |
| 7 | Adjustment for offsetting transactions at External Nodes | | | | |
| Final Hourly Offer/Bid | The Hourly Offer/Bid less any adjustments | | | | |
| Final Hourly Energy Revenue/Cost | The Hourly Revenue/Cost less any adjustments | | | | |
| NCPC Credit | <p>If External Transaction is a Purchase, Final Hourly Offer/Bid – Final Hourly Energy Revenue/Cost</p> <p>If External Transaction is a Sale, Final Energy Revenue/Cost – Final Hourly Offer/Bid</p> | | | | |
| NCPC Credit Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the NCPC Credit. Appropriate values are:</p> <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments | | | | |
| Import FER Credit | <p>If External Transaction is a Purchase, Import FER Credit</p> <p>Otherwise, 0</p> | | | | |
| Export FER Charge | <p>If External Transaction is a Sale, Export FER Charge</p> <p>Otherwise, 0</p> | | | | |
| Virtual Credits - Segment Section | | | | | |
| Subaccount ID | Subaccount ID | | | | |
| Subaccount Name | Subaccount Name | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Transaction ID | Transaction ID | | | | |
| External Node ID | External Node ID | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|----------------------------------|--|-------|-------------|---|--|
| External Node Name | External Node Name | | | | |
| Resource Type | The description of the transaction at the External Node. Appropriate values are: <ul style="list-style-type: none"> • INC • DEC | | | | |
| Segment ID | Segment ID | | | | |
| Hourly Offer/Bid | Cleared Day-Ahead MW \times virtual transaction offer or bid | | | | |
| Hourly Revenue/Cost | Cleared Day-Ahead MW \times Day-Ahead LMP | | | | |
| Hourly Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Hourly Offer/Bid and Hourly Revenue/Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>7</td><td>Adjustment for offsetting transactions at External Nodes</td></tr> </tbody> </table> | Value | Description | 7 | Adjustment for offsetting transactions at External Nodes |
| Value | Description | | | | |
| 7 | Adjustment for offsetting transactions at External Nodes | | | | |
| Final Hourly Offer/Bid | Hourly Offer/Bid less any adjustments | | | | |
| Final Hourly Energy Revenue/Cost | Hourly Revenue/Cost less any adjustments | | | | |
| NCPC Credit | If the Virtual Transaction is a INC, Final Hourly Offer/Bid – Final Hourly Energy Revenue/Cost If the Virtual Transaction is a DEC, Final Energy Revenue/Cost – Final Hourly Offer/Bid | | | | |
| DARD Credits Section | | | | | |
| Subaccount ID | Subaccount ID | | | | |
| Subaccount Name | Subaccount Name | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Asset ID | Asset ID | | | | |
| Asset Name | Asset Name | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| Commitment Energy Bid | Energy bid for MW up to Minimum Consumption Limit, from the Effective Offer for commitment. | | | | |
| Dispatch Energy Bid | Energy bid for MW dispatched above Minimum Consumption Limit, from the Effective Offer for dispatch. | | | | |
| Final Energy Bid | Commitment Energy Bid + Dispatch Energy Bid | | | | |

| SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1 SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | | | |
|---|--|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| REPORT COLUMN | DESCRIPTION | | | | | | | | |
| Energy Cost | Day-Ahead Cleared MW \times Day-Ahead LMP | | | | | | | | |
| Hourly Credit | If Settlement Period Type is Trading Interval, (Energy Cost + Final DA TMSR Cost + Final TMOR Cost) – (Final Energy Bid + DA TMSR Revenue + DA TMOR Revenue) Otherwise, no value is reported in this column | | | | | | | | |
| Hourly Bid for Settlement Period | Sum of Final Energy Bid for the Settlement Period | | | | | | | | |
| Hourly Cost for Settlement Period | Sum of Energy Cost for the Settlement Period + Final DA TMSR Cost + Final DA TMOR Cost | | | | | | | | |
| NCPC Credit for Settlement Period | If Settlement Period Type is Trading Interval, Sum of Hourly Credits for Settlement Period If Settlement Period Type is Net Period, Hourly Cost for Settlement Period – Hourly Bid for Settlement Period – DA TMSR Revenue – DA TMOR Revenue | | | | | | | | |
| Negative Net Cost | If Settlement Period Type is Net Period, Max (0, Energy Cost + Final DA TMSR Cost + Final TMOR Cost - Final Energy Bid - DA TMSR Revenue – DA TMOR Revenue) Otherwise, no value is reported in this column | | | | | | | | |
| Total Negative Net Cost for Settlement Period | If Settlement Period Type is Net Period, Sum of the Negative Net Cost for the Settlement Period Otherwise, no value is reported in this column | | | | | | | | |
| Day-Ahead NCPC Credit | If Settlement Period Type is Net Period, NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Negative Net Cost Otherwise, no value is reported in this column | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | |
| Subaccount Share Day-Ahead NCPC Credit | If Settlement Period Type is Trading Interval, Hourly Credit \times Ownership Share If Settlement Period Type is Net Period, Day-Ahead NCPC Credit \times Ownership Share | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day- Ahead Cleared MW is less than zero. | | | | | | | | |
| DA TMSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1

SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--|---|-------|-------------|---------|--|---|--------------------------------|---|----------------------------------|
| DA TMSR Revenue | DA TMSR Cleared MW x DA TMSR Clearing Price where Day-Ahead Cleared MW is less than zero | | | | | | | | |
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is less than zero. | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments | | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price where Day-Ahead Cleared MW is less than zero | | | | | | | | |
| DRR Settlement Period Summary Section | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |
| Asset ID | Asset ID | | | | | | | | |
| Asset Name | Asset Name | | | | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Day-Ahead NCPC Credit | Day-Ahead NCPC Credit | | | | | | | | |
| DRR Credits Section | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Asset ID | | | | | | | | |
| Asset Name | Asset Name | | | | | | | | |
| Settlement Period Type | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Trading</td><td>Fast Start Demand Response Resource that</td></tr> </tbody> </table> | Value | Description | Trading | Fast Start Demand Response Resource that | | | | |
| Value | Description | | | | | | | | |
| Trading | Fast Start Demand Response Resource that | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--|--|--|--|-------|-------------|---|---|----|--|
| | Interval | does not reach its maximum number of daily starts | | | | | | | |
| | Net Period | Non-Fast Start Demand Response Resource or a Fast Start Demand Response Resource that reaches its maximum number of daily starts | | | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Commitment Interruption Cost for Settlement Period | Interruption cost from the Effective Offer for commitment | | | | | | | | |
| Interruption Cost Adjustment Code(s) for Settlement Period | Code identifier providing a reason for the adjustment to the Interruption cost. Appropriate values are: | | | | | | | | |
| | <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr></table> | | | Value | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | | |
| | Value | Description | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | |
| | | | | | | | | | |
| Final Interruption Cost for Settlement Period | Commitment Interruption Cost for Settlement Period less any adjustments | | | | | | | | |
| Start-Up Amortization Period Start for Settlement Period | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Amortized Interruption Cost | Final Interruption Cost for Settlement Period, allocated to this Trading Interval | | | | | | | | |
| Commitment Energy Cost | Energy cost for MW up to Minimum Reduction Limit, from the Effective Offer for commitment | | | | | | | | |
| Commitment Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Commitment Energy Cost. Appropriate values are: | | | | | | | | |
| | <table><tr><th>Value</th><th>Description</th></tr><tr><td>1</td><td>Commitment Cost calculated using Effective Offer for dispatch</td></tr><tr><td>12</td><td>Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment</td></tr></table> | | | Value | Description | 1 | Commitment Cost calculated using Effective Offer for dispatch | 12 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment |
| | Value | Description | | | | | | | |
| 1 | Commitment Cost calculated using Effective Offer for dispatch | | | | | | | | |
| 12 | Commitment Cost calculated using price for Economic Min MW on Effective Offer for commitment | | | | | | | | |
| | | | | | | | | | |
| Final Commitment Energy Cost | Commitment Energy Cost less any adjustments | | | | | | | | |
| Final Dispatch Energy Cost | Energy cost for MW dispatched above Minimum Reduction Limit, from the Effective Offer for dispatch | | | | | | | | |
| Final Energy Cost Unadjusted | Final Commitment Energy Cost + Final Dispatch Energy Cost | | | | | | | | |
| Pool Distribution Loss Factor | The daily average avoided peak distribution loss factor | | | | | | | | |
| Final Energy Cost | Final Energy Cost Unadjusted \times (1 + Pool Distribution Loss Factor) | | | | | | | | |
| Hourly Cost | Amortized Interruption Cost + Final Energy Cost + Final DA TMSR Cost + Final DA TMNSR Cost + Final DA TMOR Cost + Final DA EIR Cost | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1

SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|--|-------|-------------|---|-----------------------------|
| Hourly Revenue Unadjusted | Day-Ahead Cleared MW \times Day-Ahead LMP | | | | |
| Hourly Revenue | Hourly Revenue Unadjusted \times (1 + Pool Distribution Loss Factor) + Asset FER Credit + DA TMSR Revenue + DA TMNSR Revenue + DA TMOR Revenue + DA EIR Revenue | | | | |
| Fast Start Demand Response Resource NCPC Credit | If Settlement Period Type is Trading Interval, Hourly Cost - Hourly Revenue Otherwise, no value is reported in this column | | | | |
| Fast Start Demand Response Resource NCPC Credit Adjustment Code(s) | If Settlement Period Type is Trading Interval, code identifier providing a reason for the adjustment to the Fast Start Demand Response Resources NCPC Credit. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Fast Start Demand Response Resource Final NCPC Credit | If Settlement Period Type is Trading Interval, Fast Start Demand Response Resource NCPC Credit less any adjustments. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period | If Settlement Period Type is Net Period, Sum of Hourly Cost for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period | If Settlement Period Type is Net Period, Sum of Hourly Revenue s for the Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period | If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period - Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period Adjustment Code(s) | If Settlement Period Type is Net Period, code identifier providing a reason for the adjustment to the NCPC Credit for Non-Fast Start Demand Response Resources. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column | Value | Description | 9 | Negative credit set to zero |
| Value | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period | If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period less any adjustments. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource Negative Net Revenue | If Settlement Period Type is Net Period, MIN (0, Hourly Revenue –Hourly Cost) Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Demand Response Resource Total Negative Net Revenue for Settlement Period | If Settlement Period Type is Net Period, Sum of the Non-Fast Start Demand Response Resource Negative Net Revenue for the Settlement Period | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1
SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|--|--------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| | Otherwise, no value is reported in this column | | | | | | | | |
| Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit | If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period allocated back to each hour in the Settlement Period pro-rata on Non-Fast Start Demand Response Resource Negative Net Revenue Otherwise, no value is reported in this column | | | | | | | | |
| Subaccount Share Day-Ahead NCPC Credit | If Settlement Period Type is Trading Interval, Fast Start Demand Response Resource Final NCPC Credit If Settlement Period Type is Net Period, Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit | | | | | | | | |
| NCPC Credit Type | The reason the asset was committed. Appropriate values are: <ul style="list-style-type: none"> • Economic • LSCPR • SCR | | | | | | | | |
| DA TMSR Cost | Ancillary cost for DA TMSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMSR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Values</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Values | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Values | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMSR Cost | DA TMSR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMSR Revenue | DA TMSR Cleared MW x DA TMSR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMNSR Cost | Ancillary cost for DA TMNSR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMNSR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMNSR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMNSR Cost | DA TMNSR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMNSR Revenue | DA TMNSR Cleared MW x DA TMNSR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |

SD_DANCPCPYMTSUB – Day-Ahead Net Commitment Period Compensation Payment Subaccount Report – Rev 1

SD_DANCPCPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|-------------------------|---|-------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| DA TMOR Cost | Ancillary cost for DA TMOR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA TMOR Adjustment Code | Code identifier providing a reason for the adjustment to the DA TMOR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA TMOR Cost | DA TMOR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA TMOR Revenue | DA TMOR Cleared MW x DA TMOR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Cost | Ancillary cost for DA EIR MW from the Effective Offer where Day-Ahead Cleared MW is greater than zero | | | | | | | | |
| DA EIR Adjustment Code | Code identifier providing a reason for the adjustment to the DA EIR Cost. Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Value | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Value | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Final DA EIR Cost | DA EIR Cost less any adjustments and increased by the pool distribution loss factor | | | | | | | | |
| DA EIR Revenue | DA EIR Cleared MW x DA EIR Clearing Price x (1 + Pool Distribution Loss Factor) where Day-Ahead Cleared MW is greater than zero | | | | | | | | |

| SD_DANCPCPYMTSUB Change Summary | Effective Date |
|--|----------------|
| Modified. In “Settlement Period Summary Section”: modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Day-Ahead NCPC Asset Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”. In “Generator Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMNSR Cost”, “DA TMNSR Adjustment Code”, “Final DA TMNSR Cost”, “DA TMNSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, “DA EIR Cost”, “DA EIR Adjustment Code”, “Final DA EIR Cost, DA EIR Revenue”, modified columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Fast Start Generator”, “Mitigation Type”, “Final Energy Cost”, “Hourly Cost”, “Hourly Revenue”, “Fast Start Generator NCPC Credit”, “Fast Start Generator NCPC Credit Adjustment Code(s)”, “Fast Start Generator Final NCPC Credit”, “Non-Fast Start Generator Total Hourly Cost for Settlement Period”, “Non-Fast Start Generator Total Hourly Revenue for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period”, “Non-Fast Start Generator NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Generator Final NCPC Credit for Settlement Period”, “Non-Fast Start Generator Negative Net Revenue”, “Non-Fast Start Generator Total Negative Net Revenue for Settlement Period”, “Non-Fast | 03.01.2025 |

| | |
|--|------------|
| <p>Start Generator Day-Ahead NCPC Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”, “NCPC Credit Type”, “DA NCPC Generator Credit Class”. In “External Transaction Credits Section”: added new columns “Import FER Credit”, “Export FER Charge”, modified descriptions of columns “External Transaction ID”, “External Node ID”, “External Node Name”, “Resource Type”, “Subaccount ID”, “Subaccount Name”, “Hourly Offer/Bid”, “Hourly Revenue/Cost”, “NCPC Credit”. In “Virtual Credits - Segment Section”: modified descriptions of columns “Transaction ID”, “External Node ID”, “External Node Name”, “Resource Type”, “Subaccount ID”, “Subaccount Name”, “Segment ID”, “Hourly Offer/Bid”, “Hourly Revenue/Cost”, “NCPC Credit”. In “DARD Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Final Energy Bid”, “Energy Cost”, “Hourly Credit”, “Hourly Bid for Settlement Period”, “Hourly Cost for Settlement Period”, “NCPC Credit for Settlement Period”, “Negative Net Cost”, “Total Negative Net Cost for Settlement Period”, “Day-Ahead NCPC Credit”, “Ownership Share”, “Participant Share Day-Ahead NCPC Credit”. In “DRR Settlement Period Summary Section”: modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”. In “DRR Credits Section”: added new columns “DA TMSR Cost”, “DA TMSR Adjustment Code”, “Final DA TMSR Cost”, “DA TMSR Revenue”, “DA TMNSR Cost”, “DA TMNSR Adjustment Code”, “Final DA TMNSR Cost”, “DA TMNSR Revenue”, “DA TMOR Cost”, “DA TMOR Adjustment Code”, “Final DA TMOR Cost”, “DA TMOR Revenue”, “DA EIR Cost”, “DA EIR Adjustment Code”, “Final DA EIR Cost”, “DA EIR Revenue”, modified descriptions of columns “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Settlement Period Type”, “Final Energy Cost Unadjusted”, “Final Energy Cost”, “Hourly Cost”, “Hourly Revenue Unadjusted”, “Hourly Revenue”, “Fast Start Demand Response Resource NCPC Credit”, “Fast Start Demand Response Resource NCPC Credit Adjustment Code(s)”, “Fast Start Demand Response Resource Final NCPC Credit”, “Non-Fast Start Demand Response Resource Total Hourly Cost for Settlement Period”, “Non-Fast Start Demand Response Resource Total Hourly Revenue for Settlement Period”, “Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period”, “Non-Fast Start Demand Response Resource NCPC Credit for Settlement Period Adjustment Code(s)”, “Non-Fast Start Demand Response Resource Final NCPC Credit for Settlement Period”, “Non-Fast Start Demand Response Resource Negative Net Revenue”, “Non-Fast Start Demand Response Resource Total Negative Net Revenue for Settlement Period”, “Non-Fast Start Demand Response Resource Day-Ahead NCPC Credit”, “Participant Share Day-Ahead NCPC Credit”.</p> | |
| New. | 06.01.2021 |

| SD_DANCPCPAYMENT – Day Ahead Net Commitment Period Compensation Unit Payment Report RETIRED | |
|---|--|
| SD_DANCPCPAYMENT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily after 05:00 or on-demand by Settlement need. | |
| REPORT COLUMN | DESCRIPTION |
| ASSET SUMMARY Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Hourly Offer | Total hourly costs for the specified asset (Including Startup, No-Load Bid, and Energy offer). |
| Hourly Value | The product of the Cleared Day Ahead megawatts and the Day Ahead LMP. |
| Daily Total NCPC | Total Hourly Offers for the day minus total Hourly Values for the day. |
| Hourly Pool Load Obligation | Total Participants' Load Obligations for that Trading Interval. |
| Daily Total Pool Load Obligation for Hours Dispatched | Sum of Hourly Pool Load Obligations for Hours Dispatched. |
| NCPC Payment | The NCPC Credit for each asset, in each operating day, allocated back to each hour in the operating day in which the asset was scheduled and eligible for NCPC credit. This is based on a pro-rata share of pool Load Obligation in each scheduled hour and total pool Load Obligation in all scheduled hours. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with a generating unit at a Node, where such unit is interconnected to the NEPOOL Transmission System. |
| Customer Share NCPC Payment | DA Net Commitment Period Compensation Payment allocated to Participants based on their ownership share. |
| NCPC Type | Flag status for commitment reason: Economic, LSCPR, SCR or VAR Up/Down. |
| EXTERNAL NODE SUMMARY Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule Id | An identifier associated with a scheduled External Transaction. This column will be blank for Increment Offer and Decrement Bid transactions |
| External Node Id | Numerical identifier for the External Node where the Day-Ahead transaction took place. |
| External Node Name | Name of the External Node where the Day-Ahead transaction took place. |
| Resource Type | The description of the transaction at the external node (PURCHASE, SALE, INCREMENT, DECREMENT). |
| Hourly Offer | Total hourly costs for the specified transaction. |
| Hourly Value | The product of the Cleared Day Ahead megawatts and the Day Ahead LMP. |
| NCPC Payment | The Hourly Offer minus the Hourly Value. |

SD_DANPCPAYMENT – Day Ahead Net Commitment Period Compensation Unit Payment Report
RETIRED

SD_DANPCPAYMENT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|--|--------|-------------|---|---|----|--|---|-------------------------|
| NCPC Type | Flag status for commitment reason: Economic or LSCPR. | | | | | | | | |
| ASSET DETAIL Section | | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | |
| Base Start up Cost | The Asset's Startup Cost Offer that is evaluated by the NCPC process. | | | | | | | | |
| Startup Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base Startup Cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>5</td><td>Mitigated Startup Costs</td></tr> <tr> <td>10</td><td>Type of start missing. Cold startup cost used.</td></tr> </tbody> </table> | Reason | Description | 5 | Mitigated Startup Costs | 10 | Type of start missing. Cold startup cost used. | | |
| Reason | Description | | | | | | | | |
| 5 | Mitigated Startup Costs | | | | | | | | |
| 10 | Type of start missing. Cold startup cost used. | | | | | | | | |
| Eligible Startup Costs | The Startup Cost Offer used in the NCPC calculation. This is the Base Startup Cost minus any adjustments. | | | | | | | | |
| Base No Load Costs | The Asset's No-Load Cost Offer that is evaluated by the NCPC process. | | | | | | | | |
| No Load Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base No Load Cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>3</td><td>Failure to Follow DDP - No Load Cost Adjustment</td></tr> <tr> <td>4</td><td>Prorate No Load Costs</td></tr> <tr> <td>6</td><td>Mitigated No Load Costs</td></tr> </tbody> </table> | Reason | Description | 3 | Failure to Follow DDP - No Load Cost Adjustment | 4 | Prorate No Load Costs | 6 | Mitigated No Load Costs |
| Reason | Description | | | | | | | | |
| 3 | Failure to Follow DDP - No Load Cost Adjustment | | | | | | | | |
| 4 | Prorate No Load Costs | | | | | | | | |
| 6 | Mitigated No Load Costs | | | | | | | | |
| Eligible No Load Costs | The No-Load Cost Offer used in the NCPC calculation. This is the Base No-Load Cost Offer minus any adjustments. | | | | | | | | |
| Base Energy Costs | The Asset's Energy Offer price multiplied by the Asset's Cleared MWs or other adjusted mw amount. | | | | | | | | |
| Base Energy Revenue | The Asset's Cleared MWs multiplied by LMP. | | | | | | | | |
| Energy Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base Energy Cost or Base Energy Revenue. <i>Not Applicable in Day Ahead</i> | | | | | | | | |
| Eligible Energy Cost | The Energy Cost Offer used in the NCPC calculation. This is the Base Energy Cost minus any adjustments. | | | | | | | | |
| Eligible Energy Revenue | The Energy Revenue used in the NCPC calculation. This is the Base Energy Revenue minus any adjustments. | | | | | | | | |
| Base Daily Generation Offer | The Daily sum of the Asset's Eligible Startup Cost plus the Asset's Eligible No Load Cost plus the Asset's Eligible Energy Cost. | | | | | | | | |
| Daily Generation Offer Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Daily Generation Offer. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>8</td><td>Daily Offer Emergency Max Cap Adjustment</td></tr> </tbody> </table> | Reason | Description | 8 | Daily Offer Emergency Max Cap Adjustment | | | | |
| Reason | Description | | | | | | | | |
| 8 | Daily Offer Emergency Max Cap Adjustment | | | | | | | | |

| SD_DANPCPCPAYMENT – Day Ahead Net Commitment Period Compensation Unit Payment Report RETIRED | | |
|---|--|------------------------------------|
| SD_DANPCPCPAYMENT_<customer id>_<settlement date>_<version>.CSV | | |
| <Customer Name> | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | |
| Availability: Daily after 05:00 or on-demand by Settlement need. | | |
| REPORT COLUMN | DESCRIPTION | |
| Eligible Daily Generation Offer | The Daily Generation Offer used in the NCPC calculation. This is the Base Daily Generation Offer minus any adjustments. | |
| Base Daily Generation Value | The Daily sum of the Asset’s Eligible Energy Revenue. | |
| Daily Generation Value Adjustment Code | Code identifier providing a reason for the adjustment to the Asset’s Daily Generation Value. | |
| Eligible Daily Generation Value | The Daily Generation Value used in the NCPC calculation. This is the Base Daily Generation Value minus any adjustments. | |
| Base Daily Total NCPC Credit | The Eligible Daily Generation Offer minus the Eligible Daily Generation Value. | |
| Daily Total NCPC Credit Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset’s Daily Total NCPC Credit. | |
| | Reason | Description |
| | 7 | Daily Credit Mitigation Adjustment |
| Eligible Daily NCPC Credit | The Daily NCPC Credit used in the NCPC calculation. This is the Base Daily NCPC Credit minus any adjustments. | |
| Base Hourly NCPC Credit | The NCPC Credit for each asset, in each operating day, allocated back to each hour in the operating day in which the asset was scheduled and eligible for NCPC credit. This is based on a pro-rata share of pool Load Obligation in each scheduled hour and total pool Load Obligation in all scheduled hours. | |
| Hourly NCPC Credit Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset’s Hourly NCPC Credit. <i>Codes unavailable at this time</i> | |
| Eligible Hourly NCPC Credit | The Hourly NCPC Credit used in the NCPC calculation. This is the Base Hourly NCPC Credit minus any adjustments or exclusions. | |
| NCPC Eligible | Yes (Y) or No (N). Based on the Eligible Unit Dispatch Hours where Desired Mw > 0 and the unit was cleared. | |
| EXTERNAL NODE DETAIL Section | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. This column will be blank for Increment Offer and Decrement Bid transactions | |
| External Node ID | Numerical identifier for the External Node where the Day-Ahead transaction took place. | |
| External Node Name | Name of the External Node where the Day-Ahead transaction took place. | |
| Resource Type | The description of the transaction at the external node (PURCHASE, SALE, INCREMENT, DECREMENT). | |
| Base Energy Cost | The transaction’s Energy Offer price multiplied by the Cleared MWs or other adjusted mw amount. | |
| Base Energy Revenue | The transaction’s Cleared MWs multiplied by LMP. | |
| Energy Adjustment Codes | Code identifier providing a reason for the adjustment to the transaction’s Base Energy Cost or Base Energy Revenue. | |
| | Reason | Description |

SD_DANPCPAYMENT – Day Ahead Net Commitment Period Compensation Unit Payment Report
RETIRED

SD_DANPCPAYMENT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION | | |
|------------------------------|---|--|--|
| | 24 | Adjustment for offsetting transactions at external nodes | |
| Eligible Energy Cost | The Energy Cost Offer used in the NCPC calculation. This is the Base Energy Cost minus any adjustments. | | |
| Eligible Energy Revenue | The Energy Revenue used in the NCPC calculation. This is the Base Energy Revenue minus any adjustments. | | |
| Base NCPC Credit | The Hourly Base Energy Cost minus the Hourly Base Energy Revenue for an External Transaction purchase or Increment Offer of the Hourly Base Energy Revenue minus the Hourly Base Energy Cost for an External Transaction sale or Decrement Bid. | | |
| NCPC Credit Adjustment Codes | Code identifier providing a reason for the adjustment to the transaction's Base NCPC Credit. | | |
| | Reason | Description | |
| | 23 | Negative Hourly Credit set to zero | |
| Eligible NCPC Credit | The Hourly NCPC Credit used in the NCPC calculation. This is the Base Hourly NCPC Credit minus any adjustments or exclusions. | | |

| SD_DANPCPAYMENT Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. No change in report structure, added type of SCR in the description of "NCPC Type". | 04.01.2013 |
| Existing. This report will replace SD_DANPCPMT and SD_DANPCPMTDTL reports effective July 1, 2009. SD_DANPCPMT and SD_DANPCPMTDTL reports will continue to generate for any resettlement of an operating day prior to July 1st 2009. | 07.01.2009 |

| SD_DATRANSACT – Day Ahead Transaction Activity Report – Rev 6 SD_DATRANSACT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Day Ahead External Transactions and/or IBTs | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| External Transactions Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| Transaction Type | A flag indicating the type of contract: One of: <ul style="list-style-type: none"> • 'FIXED' • 'UP-TO CONGESTION' • 'DISPATCHABLE' |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Delivered Amount | MWh delivered in the trading interval for external contracts. Positive, if purchase; negative, if sale. |
| Up to Congestion | Congestion price at which to compare for scheduling. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Internal Bilateral Transactions Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Transaction Number | An identifier generated by the Market System at time of transaction submittal. |
| Reference ID | A customer-specified string, supplied at the time of transaction submittal, used to facilitate the customer's organization and tracking of his transaction information. |
| Transaction Type | 'IBM' |
| Other Party | The counter-party to the transaction identifier. |

SD_DATRANSACT – Day Ahead Transaction Activity Report – Rev 6

SD_DATRANSACT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Day Ahead External Transactions and/or IBTs

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Location ID | The location identifier. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• 'LOAD ZONE'• 'NETWORK NODE'• 'HUB'• 'DRR AGGREGATION ZONE' |
| Amount | The transaction Megawatt value. |
| Impacts Marginal Loss Revenue Allocation | A flag with value 'Y' or 'N' (yes or no) indicating whether the contract impacts the Marginal Loss Revenue Allocation. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_DATRANSACT Change Summary | Effective Date |
|---|----------------|
| Modified. Added "DRR Aggregation Zone" to "Originating Location Type" and "Destination Location Type" in the "External Transactions" section. Added "DRR Aggregation Zone" to "Location Type" in the "Internal Transactions" section. | 06.01.2018 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" to the "External Transactions" and "Internal Transactions" sections. | 06.13.2014 |
| Modified. New column in second section of report "Impacts Marginal Loss Revenue Allocation", following existing column "Amount", will be reported blank for any resettlement of operating day prior to January 1st 2011. | 01.01.2011 |
| Modified. Column "Delivered Amount" will replace the original column "Scheduled Amount". The modified column follows the "Destination Location Type" column. Any new settlements or resettlements will print the new column header name. | 09.28.2010 |

| SD_DATRANSACTSUB – Day Ahead Transaction Activity Subaccount Report – Rev 0 SD_DATRANSACTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Day Ahead External Transactions and/or IBTs and have subaccounts enabled. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| External Transactions Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| Transaction Type | A flag indicating the type of contract: One of: <ul style="list-style-type: none"> FIXED UP-TO CONGESTION DISPATCHABLE |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> LOAD ZONE NETWORK NODE HUB DRR AGGREGATION ZONE |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> LOAD ZONE NETWORK NODE HUB DRR AGGREGATION ZONE |
| Delivered Amount | MWh delivered in the trading interval for external contracts. Positive, if purchase; negative, if sale. |
| Up to Congestion | Congestion price at which to compare for scheduling. |
| Internal Bilateral Transactions Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Transaction Number | An identifier generated by the Market System at time of transaction submittal. |
| Reference ID | A customer-specified string, supplied at the time of transaction submittal, used to facilitate the customer's organization and tracking of his transaction information. |
| Transaction Type | <ul style="list-style-type: none"> IBM |

SD_DATRANSACTSUB – Day Ahead Transaction Activity Subaccount Report – Rev 0

SD_DATRANSACTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Day Ahead External Transactions and/or IBTs and have subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Other Party | The counter-party to the transaction identifier. |
| Settlement Location ID | The location identifier. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• LOAD ZONE• NETWORK NODE• HUB• DRR AGGREGATION ZONE |
| Amount | The transaction Megawatt value. |
| Impacts Marginal Loss Revenue Allocation | A flag with value 'Y' or 'N' (yes or no) indicating whether the contract impacts the Marginal Loss Revenue Allocation. |

| SD_DATRANSACTSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 04.01.2020 |

| SD_DAUNITOP – Day Ahead Unit Operations Report - Settlement Details – <i>RETIRED</i> | |
|--|---|
| SD_DAUNITOP_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily after 05:00 or on-demand by Settlement need. | |
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Asset ID | Numerical identifier for the asset in the case of a cleared bid/offer associated with an asset. |
| Asset Name | Name of the asset. |
| Asset Sub-Type | Specified Asset subtype such as: <ul style="list-style-type: none"> • COAL • COAL/OIL • COMPOSITE • DIESEL OIL • GAS • HYDRO: PONDAGE • HYDRO: PUMPED STORAGE • HYDRO: RUN OF RIVER • JET FUEL • NUCLEAR • OIL • OIL/GAS • UNDER5MW • WOOD/REFUSE |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Location Type | Node, Zone, or Hub. |
| Constrained for VAR Support | Flagged to provide VAR up or down support. |
| Constrained for LSCPR | Flagged to provide Local Second Contingency Protection support for a specified Reliability Region. |
| LSCPR Reliability Region | Location identification number associated with the Reliability Region supported by an LSCPR unit. |
| Economic Min | Lowest unrestricted level of Energy, in MW, of a Customer's Generating Unit. |
| Economic Max | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit. |
| Self Schedule | Resource MW's scheduled by the Customer. |
| Pool Scheduled | Resource MW's scheduled by the ISO. |

| SD_DAUNITOP Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including December 2, 2014. | 12.03.2014 |
| Modified. Renamed the columns “Constrained for RMR” to “Constrained for LSCPR” and “RMR Reliability Region” to “LSCPR Reliability Region”. Modified the Description of the columns, “Constrained for LSCPR” and “LSCPR Reliability Region”. | 02.11.2009 |

| SD_DRCHGDETAIL – Demand Response Settlement Charges Detail Report – RETIRED | |
|---|---|
| SD_DRCHGDETAIL_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to active participants. | |
| REPORT COLUMN | DESCRIPTION |
| Hourly Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Pool Total Payment | The total Demand Response payment for the pool for the specified trading interval. |
| Customer Demand Response Charge Allocation MW | The sum of the customer's Real-Time Load Obligation excluding Real-Time Load Obligation incurred at all external Nodes or incurred by Dispatchable Asset Related Demand Postured by the ISO for the specified trading interval. |
| Pool Demand Response Charge Allocation MW | The sum of Real-Time Load Obligation for the system excluding Real-Time Load Obligation incurred at all external Nodes or incurred by Dispatchable Asset Related Demand Postured by the ISO for the specified trading interval. |
| Customer Charge | The Customer Demand Response Charge Allocation MW divided by the Pool Demand Response Charge Allocation MW multiplied by the Pool Total Payment multiplied by negative one for the specified trading interval. Note: This value can be positive or negative. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount Demand Response Charge Allocation MW | The sum of the subaccount's Real-Time Load Obligation excluding Real-Time Load Obligation incurred at all external Nodes or incurred by Dispatchable Asset Related Demand Postured by the ISO for the specified trading interval. |
| Subaccount Charge | The subaccount Demand Response Charge Allocation MW divided by the Pool Demand Response Charge Allocation MW multiplied by the Pool Total Payment multiplied by negative one for the specified trading interval. Note: This value can be positive or negative. |

| SD_DRCHGDETAIL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| New. The first version of this report is expected to be released the first week of July 2012 for obligation month June 2012. | 06.01.2012 |

| SD_DRSTLDETAIL – Demand Response Settlement Detail Report – RETIRED | |
|---|---|
| SD_DRSTLDETAIL_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to Lead Participants of an active RTDR and/or RTEG asset | |
| REPORT COLUMN | DESCRIPTION |
| RTDR Asset Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the Real-Time Demand Response Asset. |
| Asset Name | Name of the asset. |
| Location ID | Location Identification Number. |
| Location Name | Name of the location. |
| Asset Day-Ahead Cleared Demand Reduction | The Day-Ahead MW amount of the cleared Demand Reduction Offer in the specified trading interval. Note: This column will be NULL when the asset did not clear Day-Ahead in the specified trading interval. |
| Asset Day-Ahead Demand Reduction Obligation | The Asset Day-Ahead Cleared Demand Reduction multiplied by one plus the percent average avoided peak distribution losses. Note: This column will be zero when the asset did not clear Day-Ahead in the specified trading interval. |
| Day-Ahead Locational Marginal Price | The Day-Ahead Locational Marginal Price for Energy for the Load Zone for the specified trading interval. |
| Day-Ahead Payment | The Asset Day-Ahead Demand Reduction Obligation multiplied by the Day-Ahead Locational Marginal Price for the specified trading interval. |
| Asset Real-Time Eligible Hour Flag | A flag, in which ‘Y’ indicates the Real-Time Demand Response Asset’s offer price is less than or equal to the provisional Real-Time Locational Marginal Price for the Load Zone in which the asset is located for the specified trading interval. |
| Load Zone Real-Time Net Benefit Hour Flag | A flag, in which ‘Y’ indicates the Demand Reduction Threshold Price is less than or equal to the provisional Real-Time Locational Marginal Price for the Load Zone in which the asset is located for the specified trading interval. |
| Asset Real-Time Denied Demand Reduction Hour Flag | A flag, in which ‘Y’ indicates the ISO denied the request for a Real-Time Demand Response Asset to interrupt for a reduction greater than or equal to 5 MW. |
| FCM Event Hour Flag | A flag, in which ‘Y’ indicates a Real-Time Demand Response Event Hour for the Dispatch Zone in which the asset is located for the specified trading interval. |
| Audit Event Hour Flag | A flag, in which ‘Y’ indicates that an audit was conducted for the Real-Time Demand Response Resource to which the Real-Time Demand Response Asset is mapped during the specified trading interval. |
| Asset Real-Time Demand Reduction | The difference between its adjusted Demand Response Baseline and the asset Real-Time metered demand adjusted for net supply. |

| SD_DRSTLDETAIL – Demand Response Settlement Detail Report – RETIRED | |
|---|---|
| SD_DRSTLDETAIL_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to Lead Participants of an active RTDR and/or RTEG asset | |
| REPORT COLUMN | DESCRIPTION |
| Asset Real-Time Demand Reduction Obligation | The Asset Real-Time Demand Reduction, adjusted pursuant to Transmission, Markets and Services Tariff Section III Appendix E, multiplied by one plus the percent average avoided peak distribution losses. Note: This column will be zero when the Asset Day-Ahead Demand Reduction Obligation is equal to zero and the Asset Real-Time Eligible Hour Flag is equal to 'N'. |
| Asset Demand Reduction Deviation | The difference between its Real-Time Demand Reduction Obligation and its Day-Ahead Demand Reduction Obligation, adjusted pursuant to Transmission, Markets and Services Tariff Section III Appendix E. |
| Asset FCM/Audit Demand Reduction | The Asset Real-Time Demand Reduction multiplied by one plus the percent average avoided peak distribution losses as determined by the ISO. Note: This column will be zero when the Asset Day-Ahead Demand Reduction Obligation is greater than zero or the Asset Real-Time Eligible flag is equal to 'Y'. |
| Real-Time Locational Marginal Price | The Real-Time Locational Marginal Price for Energy for the Load Zone for the specified trading interval. |
| Real-Time Deviation Payment | The Asset Demand Reduction Deviation multiplied by the Real-Time Locational Marginal Price for the specified trading interval. |
| Real-Time FCM/Audit Payment | The Asset FCM/Audit Demand Reduction multiplied by the Real-Time Locational Marginal Price for the specified trading interval. |
| Total Payment | The sum of the Day-Ahead Payment, Real-Time Deviation Payment, and Real-Time FCM/Audit Payment for the specified trading interval. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| RTEG Asset Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the Real-Time Emergency Generation Asset. |
| Asset Name | Name of the asset. |
| Location ID | Location Identification Number. |
| Location Name | Name of the location. |
| FCM Event Hour Flag | A flag, in which 'Y' indicates a Real-Time Emergency Generation Event Hour for the Dispatch Zone in which the asset is located for the specified trading interval. |
| Audit Event Hour Flag | A flag, in which 'Y' indicates that an audit was conducted for the Real-Time Emergency Generation Resource to which the Real-Time Emergency Generation Asset is mapped for the specified trading interval. |

| SD_DRSTLDETAIL – Demand Response Settlement Detail Report – RETIRED | |
|---|--|
| SD_DRSTLDETAIL_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to Lead Participants of an active RTDR and/or RTEG asset | |
| REPORT COLUMN | DESCRIPTION |
| Asset Real-Time Demand Reduction | The difference between its adjusted Demand Response Baseline and its Real-Time metered demand adjusted for net supply. |
| Asset FCM/Audit Demand Reduction | The Asset Real-Time Demand Reduction multiplied by one plus the percent average avoided peak distribution losses as determined by the ISO. |
| Real-Time Locational Marginal Price | The Real-Time Locational Marginal Price for Energy for the Load Zone for the specified trading interval. |
| Real-Time FCM/Audit Payment | The Asset FCM/Audit Demand Reduction multiplied by the Real-Time Locational Marginal Price for the specified trading interval. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_DRSTLDETAIL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" in the "RTDR Asset" and "RTEG Asset" sections. | 06.13.2014 |
| New. The first version of this report is expected to be released the first week of July 2012 for obligation month June 2012. | 06.01.2012 |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– <i>RETIRED</i> | |
|--|---|
| SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement. | |
| REPORT COLUMN | DESCRIPTION |
| Shortage Event | |
| Shortage Event Date | Calendar date on which the Shortage Event occurred. |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Shortage Event Status | Status of the Shortage Event. Status may be: <ul style="list-style-type: none"> • PRELIM • FINAL |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| Shortage Event Type | Type of Shortage Event. Valid types may be: <ul style="list-style-type: none"> • RESERVE SHORTAGE • OP4 ACTION6 • OP4 ACTION11 • OP4 ACTION12 • OP4 ACTION13 • OP7 <p>OP4 and OP7 Shortage Event types will only be a valid type when an import-constrained zone has been established in the Forward Capacity Auction for the Capacity Commitment Period.</p> |
| Shortage Event Begin | Begin timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is MM/DD/YY HH:MM |
| Shortage Event End | End timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is MM/DD/YY HH:MM |
| Shortage Event Hours | Number of hours included in the Shortage Event. |
| Shortage Event Cumulative Minutes | For a discrete Shortage Event, the total Shortage Event minutes from all Shortage Event hours associated to the event. |
| Shortage Event Penalty Factor | The Penalty Factor is .05 for Shortage Events of 5 hours or less. This value is increased by .01 for each hour above 5 hours. |
| Resource Shortage Event | |
| Shortage Event Date | Calendar date on which the Shortage Event occurred. |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| External Interface Name | The name of the External Interface. |
| Shortage Event Availability Score | The total of, for all Shortage Event Hours associated to the Shortage Event: The hourly availability score multiplied by the number of minutes in the Shortage Event hour, divided by the Shortage Event |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– <i>RETIRED</i> SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| | Cumulative Minutes. This score does not include the impact of any Supplemental Availability Bilateral transactions or Eligible Exempt Outages. |
| Shortage Event Availability Penalty | The product of the Resource Annualized FCA Payment, Shortage Event Penalty Factor, and Shortage Event Availability Score. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Trading Interval Shortage Minutes | The difference, in minutes, between the Shortage Event Begin and Shortage Event End. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Effective Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. Where the Shortage Event crosses a monthly boundary, this value will be the minimum of the Capacity Supply Obligation values from the two Obligation Months. |
| Capacity Network Resource Capability | The Resource's Capacity Network Resource Capability. |
| Commercial Operation Status | The Commercial Operation Status for Generating Resources. Appropriate values are: <ul style="list-style-type: none"> ACTIVE INACTIVE This value is null for Import Resources. |
| Resource External Transaction Sale MW | The sum of all External Transaction Sales in the Energy Market associated to the Resource. |
| Resource Non-Commercial Capacity Exempt MW | For a New Generating Capacity Resource that has not achieved Commercial Operation due to a planned transmission facility not being in service, the MW value exempt from Availability Penalties. |
| Resource Hourly Available MW | The Resource MW available during the trading interval. |
| Final Supplemented MW | The total MW value of all Supplemental Availability Contracts for the trading date and interval, where the Resource is the Supplemented Resource. |
| Resource Planned Outage Exempt MW | The Eligible Exempt MW value of the Resource's Planned Outage. |
| Resource Hourly Availability Adjustment MW | The sum of the Final Supplemented MW and Resource Planned Outage Exempt MW. |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– <i>RETIRED</i> SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Resource Hourly Adjusted Available MW | The sum of the Resource Hourly Available MW and the Resource Hourly Availability Adjustment MW. |
| Hourly Availability Score | The Resource Availability Score, calculated as the minimum of 100%, or the Resource Hourly Adjusted Available MW divided by the Capacity Supply Obligation. |
| Designated Supplemental MW | The MW value designated as Supplemental Availability for the trading interval. |
| Available to Supplement | The difference between the total Asset Available to Supplement amount for all assets associated to the Resource and the Capacity Supply Obligation. This value shall be zero or greater. |
| Final Supplementing MW | The total MW value of all Supplemental Availability Contracts for the trading date and interval, where the Resource is the Supplementing Resource. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Supplemental Availability | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| Reserve Zone ID | Numerical identifier for a Reserve Zone |
| Reserve Zone Name | Name of the Reserve Zone |
| Contract ID | Unique identifier given to a Supplemental Availability Bilateral Contract as submitted in SMS. |
| Internal Reference ID | A customer-specified string, supplied at the time of Transaction submittal, used to facilitate the customer's organization and tracking of his Transaction information. |
| Supplementing Resource ID | Numerical identifier for the Supplementing Resource. |
| Final Supplementing MW | The MW value of the Supplemental Availability Contract, where the Resource is the Supplementing Resource. |
| Supplemented Resource ID | Numerical identifier for the Supplemented Resource. |
| Final Supplemented MW | The MW value of the Supplemental Availability Contract, where the Resource is the Supplemented Resource. |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– <i>RETIRED</i> SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Generation Asset Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Resource ID | Numerical identifier for the Resource. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset |
| Asset Type | Specified Asset type such as; <ul style="list-style-type: none"> • GENERATOR • LOAD |
| Cold Notification Time | The notice, in hours, required for a cold start of the asset. |
| Cold Start-Up Time | The time, in hours, required for cold start-up of a particular unit. |
| Cold Start-Up Exempt Flag | A flag indicating that the asset may be exempt from the Shortage Event penalty, based on a cold notification plus cold start-up time greater than or equal to 12 hours (16 hours, during the first five Capacity Commitment Periods for resources with notification plus start-up times greater than 12 hours as of June 16, 2006). |
| Denied Self-Schedule Flag | A flag indicating that the asset was denied a self-schedule request by the ISO. |
| Performance Eco Max | The Eco Max value, in MW, adjusted in Real-Time for a performance related reason. |
| TMNSR Designation | The MW value designated by the real-time dispatch to supply TMNSR. |
| TMOR Designation | The MW value designated by the real-time dispatch to supply TMOR. |
| External Transaction Sales | The External Transaction Sales in the Energy Market for the asset. |
| Revenue Quality Metering | A generator's actual metered output for an hour. |
| Asset Competitive Offer MW | The MW value of offers for off-line assets that have been competitively offered for the trading interval. |
| Calculated Asset Hourly Available MW | The Resource MW available during the trading interval. |
| Asset Hourly Override Description | Description providing a reason for an adjustment to the Calculated Asset Hourly Available MW. |
| Asset Hourly Available MW | The Calculated Asset Hourly Available MW adjusted for any overrides. |
| Asset Available to Supplement | For non-intermittent, non-Settlement Only Generating assets, the Available MW amount if the unit is on-line, or the sum of the Real-Time Designations for TMNSR and TMOR if the unit is off-line. |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– <i>RETIRED</i> | |
|--|--|
| SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement. | |
| REPORT COLUMN | DESCRIPTION |
| Import Contracts Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Resource ID | Numerical identifier for the Resource. |
| External Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. NULL for asset backed Coordinated Transaction Scheduling (CTS) Resource. |
| Resource Offered MW | The MW offered in an External Transaction by the Import Resource. NULL for asset backed CTS Resource. |
| Resource Requested MW | The MW requested in an External Transaction for the Import Resource. NULL for asset backed CTS Resource. |
| Resource Delivered MW | The MW delivered in an External Transaction by the Import Resource. NULL for asset backed CTS Resource. |
| Calculated Resource Hourly Available MW | The Resource MW available during the trading interval. This value does not include the impact of any Eligible Exempt Outages. |
| Override Description | Description providing a reason for the adjustment to the Calculated Resource Hourly Available MW. |
| Resource Hourly Available MW | The Calculated Resource Hourly Available MW adjusted for any overrides. |

| SD_FCMAVAIL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. In the “Import Contracts Hourly” section, updated description of “External Schedule ID”; changed the following column headings: from “External Transaction Offered MW” to “Resource Offered MW”, from “External Transaction Requested MW” to “Resource Requested MW”, from “External Transaction Delivered MW” to “Resource Delivered MW”, from “Calculated External Transaction Hourly Available MW” to “Calculated Resource Hourly Available MW”, from “External Transaction Hourly Available MW” to “Resource Hourly Available MW”. With the exception of “Calculated Resource Hourly Available MW”, the description of these columns was also updated. | 12.15.2015 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource Hourly”, “Resource Shortage Event”, and “Supplemental Availability” sections. | 08.01.2015 |
| New. | 06.01.2010 |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 | |
|---|--|
| SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV | |
| <Customer> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, shortly after the start of the obligation month. | |
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Zonal Capacity Obligation | Pool Zonal Capacity Obligation |
| Pool Capacity Load Obligation | Pool Capacity Load Obligation |
| Pool FCA Capacity Load Obligation Charge | FCA capacity load obligation charges in the control area |
| Pool IPR Capacity Load Obligation Charge Adjustment | Intermittent power resources charge adjustments in the control area |
| Pool Total Annual Reconfiguration Auction Capacity Load Obligation Charge | Total ARA1, ARA2, and ARA3 capacity load obligation charges in the control area |
| Pool Monthly Reconfiguration Auction Capacity Load Obligation Charge | MRA capacity load obligation charges in the control area |
| Pool Multi-Year Rate Election Capacity Load Obligation Charge Adjustment | Multi-year rate election capacity load obligation charge adjustments in the control area |
| Pool Specifically Allocated CTR PPU Capacity Load Obligation Charge | Specifically allocated CTR PPU capacity load obligation charges in the control area |
| Pool Specifically Allocated CTR TU Capacity Load Obligation Charge | Specifically allocated CTR TU capacity load obligation charges in the control area |
| Pool Self-Supply Capacity Load Obligation Charge Adjustment | Self-supply capacity load obligation charge adjustments in the control area |
| HQICC Capacity Load Obligation Charge | Hydro-Quebec Interconnection Capability Credits capacity load obligation charge |
| Pool Total Monthly Capacity Load Obligation Charge | Monthly total Capacity Load Obligation charges in the control area |
| FCA Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| Capacity Clearing Price | FCA Capacity Clearing Price in the capacity zone |
| FCA Costs | FCA Costs in the capacity zone as determined by clearing of the FCA, the 2 nd clearing of the FCA, and clearing of the substitution auction |
| FCA Zonal Peak Load Allocator | $\text{Zonal Capacity Obligation} \times \text{Capacity Clearing Price} \times 1000$ |
| FCA Allocated Costs | $\frac{\text{SUM}(\text{FCA Costs}) \times \text{FCA Zonal Peak Load Allocator}}{\text{SUM}(\text{FCA Zonal Peak Load Allocator})}$ <p>Where SUM is for all capacity zones</p> |
| FCA Charge Rate | $(-1) \times \text{FCA Allocated Costs} / \text{Zonal Capacity Obligation} / 1000$ |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| FCA Monthly Capacity Load Obligation Charge | Capacity Load Obligation \times FCA Charge Rate \times 1000 |
| IPR Charge Adjustment | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| IPR Seasonal Variance | <p>The difference between the FCA payment for intermittent power resources in the obligation month and the June FCA payments for intermittent power resource (in the same commitment period) for the capacity zone</p> <p>Determined by clearing of the FCA, the 2nd clearing of the FCA, and clearing of the substitution auction</p> <p>Calculated October through May</p> |
| IPR Charge Adjustment Rate | $(-1) \times \text{SUM}(\text{IPR Seasonal Variance}) / \text{Pool Zonal Capacity Obligation} / 1000$ Where SUM is for all capacity zones |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| IPR Monthly Capacity Load Obligation Charge Adjustment | Capacity Load Obligation \times IPR Charge Adjustment Rate \times 1000 |
| ARA Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| ARA Number | <p>Appropriate values are:</p> <ul style="list-style-type: none"> • ARA1 • ARA2 • ARA3 |
| Clearing Price | Annual reconfiguration auction clearing price for the ARA and capacity zone |
| ARA Costs | Net annual reconfiguration auction credit or charge for the ARA and capacity zone |
| ARA Zonal Peak Load Allocator | Zonal Capacity Obligation \times ARA Clearing Price \times 1000 |
| ARA Allocated Costs | $\text{SUM}(\text{ARA Costs}) \times \text{ARA Zonal Peak Load Allocator} / \text{SUM}(\text{ARA Zonal Peak Load Allocator})$ Where SUM is for all capacity zones |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| ARA Charge Rate | $(-1) \times \text{ARA Allocated Costs} / \text{Zonal Capacity Obligation} / 1000$ |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| ARA Monthly Capacity Load Obligation Charge | $\text{Capacity Load Obligation} \times \text{ARA Charge Rate} \times 1000$ |
| MRA Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| Monthly Reconfiguration Auction Costs | Net monthly reconfiguration auction credit or charge in the capacity zone |
| Monthly Reconfiguration Auction Charge Rate | $(-1) \times \text{SUM}(\text{Monthly Reconfiguration Auction Costs}) / \text{Pool Zonal Capacity Obligation} / 1000$ Where SUM is for all capacity zones |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| Monthly Reconfiguration Auction Monthly Capacity Load Obligation Charge | $\text{Capacity Load Obligation} \times \text{Monthly Reconfiguration Auction Charge Rate} \times 1000$ |
| MRECO Charge Adjustment | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| Pre-FCA13 Multi-Year Rate Election Costs | MRECO costs incurred in all base capacity commitment periods beginning prior to June 1, 2022 in the capacity zone. MRECO Costs are determined by the difference between the current credits for a MRECO resource and the base year credits for a MRECO Resource. Costs are allocated to current capacity zone |
| Post-FCA12 Multi-Year Rate Election Costs | MRECO costs incurred in all base capacity commitment periods beginning on or after June 1, 2022 in the capacity zone MRECO Costs are determined by the difference between the current credits for a MRECO resource and the base year credits for a MRECO Resource Costs are allocated to current capacity zones based on the load zone mapping from the base commitment period |
| Multi-Year Rate Election Costs | Pre-FCA13 Multi-Year Rate Election Costs + Post-FCA12 Multi-Year Rate Election Costs |
| Multi-Year Rate Election Charge Adjustment Rate | $(-1) \times \text{Multi-Year Rate Election Costs} / \text{Zonal Capacity Obligation} / 1000$ |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| Multi-Year Rate Election Monthly Capacity Load Obligation Charge Adjustment | Capacity Load Obligation \times Multi-Year Rate Election Charge Adjustment Rate \times 1000 |
| CTR PPU Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| Specifically Allocated CTR PPU | Specifically allocated CTR MW for pool-planned units in import-constrained capacity zone |
| Specifically Allocated CTR PPU Monthly Credit | Specifically allocated CTR credit for pool-planned units in import-constrained capacity zone. Credits are calculated using the difference between the FCA clearing price for capacity zones containing the load, and the FCA clearing price for the capacity zone of the unit. |
| Specifically Allocated CTR PPU Costs | Specifically allocated CTR PPU monthly credit |
| Specifically Allocated CTR PPU Charge Rate | $(-1) \times \text{SUM}(\text{Specifically Allocated CTR PPU Cost}) /$ $[\text{Pool Zonal Capacity Obligation} + \text{SUM}(\text{Specifically Allocated CTR PPU})] / 1000$ <p>Where SUM is for all capacity zones</p> |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| Specifically Allocated CTR PPU Monthly Capacity Load Obligation Charge | $(\text{Capacity Load Obligation} + \text{Specifically Allocated CTR PPU}) \times$ $\text{Specifically Allocated CTR PPU Charge Rate} \times 1000$ |
| CTR TU Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Type | Appropriate values are: <ul style="list-style-type: none"> • ROP • IMPORT • EXPORT |
| Parent Capacity Zone ID | Parent Capacity Zone ID for nested export-constrained capacity zone |
| Zonal Capacity Obligation | Zonal Capacity Obligation ¹ |
| Specifically Allocated CTR TU | Specifically allocated CTR MW for transmission upgrade in import-constrained or export-constrained capacity zone |
| Specifically Allocated CTR TU Monthly Credit | Specifically allocated CTR credit for transmission upgrade in import-constrained or export-constrained capacity zone |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Specifically Allocated CTR TU Costs | Portion of the specifically allocated CTR TU credits in all constrained capacity zones to which the interface limits the transfer of capacity allocated to the capacity zone |
| Specifically Allocated CTR TU Charge Rate | $(-1) \times \text{Specifically Allocated CTR TU Cost} / \text{Zonal Capacity Obligation} / 1000$ |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| Specifically Allocated CTR TU Monthly Capacity Load Obligation Charge | Capacity Load Obligation \times Specifically Allocated CTR TU Charge Rate $\times 1000$ |
| Self-Supply Charge Adjustment | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Designated Self-Supply | Load serving entity designated self-supply including external interfaces connected to the capacity zone |
| Avoided Capacity Charge | Designated Self-Supply \times Total Charge Rate $\times 1000$ Where Total Charge Rate is: FCA Charge Rate + IPR Charge Adjustment Rate + ARA Charge Rate + Monthly Reconfiguration Auction Charge Rate + Multi-Year Rate Election Charge Adjustment Rate + Specifically Allocated CTR PPU Charge Rate + Specifically Allocated CTR TU Charge Rate |
| Foregone Capacity Payment | The total value of the Foregone Capacity Payment in the capacity zone |
| Self-Supply Variance | Avoided Capacity Charges – Foregone Capacity Payments |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| Self-Supply Charge Adjustment Rate | $(-1) \times \text{SUM}(\text{Self-Supply Variance}) / \text{Pool Capacity Load Obligation} / 1000$ |
| Self-Supply Monthly Capacity Load Obligation Charge Adjustment | Capacity Load Obligation \times Self-Supply Charge Adjustment Rate $\times 1000$ |
| Self-Supply Foregone Payment | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| External Interface ID | External Interface ID |
| External Interface Name | External Interface Name |

| SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 | |
|---|--|
| SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV | |
| <Customer> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, shortly after the start of the obligation month. | |
| REPORT COLUMN | DESCRIPTION |
| FCA Phase | Appropriate values are: <ul style="list-style-type: none"> • FCA RUN1 • FCA RUN2 • FCA RUN SA |
| Self-Supply Capacity Supply Obligation | Self-supply capacity supply obligation MW in each FCA phase in the capacity zone or external interface connected to the capacity zone |
| Clearing Price | Appropriate FCA phase clearing price in each capacity zone or external interface |
| Foregone Capacity Payment | Self-Supply Capacity Supply Obligation \times Clearing Price \times 1000 |
| HQICC Charge | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| HQICC | Hydro-Quebec Interconnection Capability Credits MW. |
| HQICC Costs | HQICC \times Total Charge Rate \times 1000 Where Total Charge Rate is: FCA Charge Rate + IPR Charge Adjustment Rate + ARA Charge Rate + Monthly Reconfiguration Auction Charge Rate + Multi-Year Rate Election Charge Adjustment Rate + Specifically Allocated CTR PPU Charge Rate + Specifically Allocated CTR TU Charge Rate |
| Capacity Load Obligation | Zonal Capacity Obligation + Designated Self-Supply + HQICC |
| HQICC Charge Rate | $(-1) \times$ HQICC Costs / Pool Capacity Load Obligation / 1000 |
| HQICC Monthly Capacity Load Obligation Charge | Capacity Load Obligation \times HQICC Charge Rate \times 1000 |

¹ More information on this value can be found in SD_FCMCLODTL

| SD_FCMCHARGES Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FCMCLODTL – Forward Capacity Market Capacity Load Obligation Detail Report – Rev 0 SD_FCMCLODTL _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Capacity Supply Obligation | Pool Capacity Supply Obligation |
| Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation Calculated October through May |
| HQICC | HQICC |
| Pool Peak Contributions (CCP Begin – 1) | Pool Peak Contributions (CCP Begin – 1) |
| Pool Zonal Capacity Obligation | Pool Zonal Capacity Obligation |
| Pool Load Serving Entity Designated Self-Supply | Pool Load Serving Entity Designated Self-Supply |
| Pool Capacity Load Obligation | Pool Capacity Load Obligation |
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| FCA 1 st Run Capacity Zone Capacity Supply Obligation | Capacity determined in the primary clearing run of the forward capacity auction |
| FCA 2 nd Run Capacity Zone Capacity Supply Obligation | Capacity determined in the second clearing run of the forward capacity auction |
| Substitution Auction Capacity Zone Capacity Supply Obligation | Capacity determined in the substitution auction |
| Reconfiguration Auction Capacity Zone Capacity Supply Obligation | Capacity determined in the reconfiguration auctions |
| Net Bilateral Capacity Zone Capacity Supply Obligation | Net bilateral capacity supply obligation |
| Capacity Zone Capacity Supply Obligation | FCA 1 st Run Capacity Zone Capacity Supply Obligation + FCA 2 nd Run Capacity Zone Capacity Supply Obligation + Substitution Auction Capacity Zone Capacity Supply Obligation + Reconfiguration Auction Capacity Zone Capacity Supply Obligation + Net Bilateral Capacity Zone Capacity Supply Obligation |
| FCA 1 st Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the primary clearing run of the forward capacity auction in the capacity zone Calculated October through May |
| FCA 2 nd Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the second clearing run of the forward capacity auction in the capacity zone Calculated October through May |

SD_FCMCLODTL – Forward Capacity Market Capacity Load Obligation Detail Report – Rev 0

SD_FCMCLODTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Substitution Auction Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the substitution auction in the capacity zone Calculated October through May |
| Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | FCA 1 st Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + FCA 2 nd Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + Substitution Auction Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation Calculated October through May |
| HQICC | HQICC |
| Capacity Zone Peak Contributions (CCP Begin – 1) | Peak contributions of all load and dispatchable asset related demand assets derived from the annual peak load day and hour in the year prior to the beginning of the Capacity Commitment Period |
| Capacity Zone Zonal Capacity Obligation | (Pool Capacity Supply Obligation – Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + HQICC) x Capacity Zone Peak Contributions (CCP Begin – 1) / Pool Peak Contributions (CCP Begin – 1) x (-1) |
| Capacity Zone Load Serving Entity Designated Self-Supply | Capacity Zone Load Serving Entity Designated Self-Supply |
| Capacity Zone Capacity Load Obligation | Capacity Zone Zonal Capacity Obligation + Capacity Zone Load Serving Entity Designated Self-Supply + HQICC |
| Capacity Zone Pool-Planned Unit Specifically Allocated CTR | Capacity Zone Pool-Planned Unit Specifically Allocated CTR |
| Customer CTR | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Pool-Planned Unit Specifically Allocated CTR | Sum of pool-planned unit specifically allocated CTR MW in the capacity zone |
| Customer Pool-Planned Unit Specifically Allocated CTR Credit | Sum of pool-planned unit specifically allocated CTR credit in the capacity zone |
| Customer Transmission Upgrade Specifically Allocated CTR | Sum of transmission upgrade specifically allocated CTR MW in the capacity zone |
| Customer Transmission Upgrade Specifically Allocated CTR Credit | Sum of transmission upgrade specifically allocated CTR credit in the capacity zone |

SD_FCMCLODTRL – Forward Capacity Market Capacity Load Obligation Detail Report – Rev 0

SD_FCMCLODTRL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount CTR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Pool-Planned Unit Specifically Allocated CTR | Sum of pool-planned unit specifically allocated CTR MW associated with the subaccount in the capacity zone |
| Subaccount Pool-Planned Unit Specifically Allocated CTR Credit | Sum of pool-planned unit specifically allocated CTR credits in the capacity zone |
| Subaccount Transmission Upgrade Specifically Allocated CTR | Sum of transmission upgrade specifically allocated CTR MW associated with the subaccount in the capacity zone |
| Subaccount Transmission Upgrade Specifically Allocated CTR Credit | Sum of transmission upgrade specifically allocated CTR credits associated with the subaccount in the capacity zone |
| PPU CTR | |
| Pool-Planned Unit Asset ID | Pool-Planned Unit Asset ID |
| Pool-Planned Unit Asset Name | Pool-Planned Unit Asset Name |
| Entitlement Holder Capacity Zone ID | Entitlement Holder Capacity Zone ID |
| Entitlement Holder Capacity Zone Name | Entitlement Holder Capacity Zone Name |
| Entitlement Holder Capacity Zone Capacity Clearing Price | Entitlement Holder Capacity Zone Capacity Clearing Price |
| Pool-Planned Unit Capacity Zone ID | Pool-Planned Unit Capacity Zone ID |
| Pool-Planned Unit Capacity Zone Name | Pool-Planned Unit Capacity Zone Name |
| Pool-Planned Unit Capacity Zone Capacity Clearing Price | Pool-Planned Unit Capacity Zone Capacity Clearing Price |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Supply Obligation | Capacity supply obligation MW acquired by the resource through the FCA, the 2 nd clearing of the FCA, and clearing of the substitution auction |
| Customer Ownership Entitlement | The fixed percentage of ownership associated with longstanding unit contract for pool-planned units |
| Load Serving Entity Designated Self-Supply | Load Serving Entity Designated Self-Supply |

SD_FCMCLODTL – Forward Capacity Market Capacity Load Obligation Detail Report – Rev 0

SD_FCMCLODTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Pool-Planned Unit Specifically Allocated CTR | $\text{MAX}[0, (\text{Capacity Supply Obligation} \times \text{Customer Ownership Entitlement} / 100 - \text{Load Serving Entity Designated Self-Supply})]$ |
| Pool-Planned Unit Specifically Allocated CTR Credit | $\text{Pool-Planned Unit Specifically Allocated CTR} \times (\text{Entitlement Holder Capacity Zone Capacity Clearing Price} - \text{Pool-Planned Unit Capacity Zone Capacity Clearing Price}) \times 1000$ |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| TU CTR | |
| Transmission Upgrade Description | Transmission Upgrade Description |
| Constrained Capacity Zone ID | Constrained Capacity Zone ID |
| Constrained Capacity Zone Name | Constrained Capacity Zone Name |
| Constrained Capacity Zone Type | Constrained Capacity Zone Type |
| Constrained Capacity Zone Capacity Clearing Price | Constrained Capacity Zone Capacity Clearing Price |
| Adjacent Capacity Zone ID | Adjacent Capacity Zone ID |
| Adjacent Capacity Zone Name | Adjacent Capacity Zone Name |
| Adjacent Capacity Zone Capacity Clearing Price | Adjacent Capacity Zone Capacity Clearing Price |
| Transmission Upgrade Specifically Allocated CTR | Specifically allocated CTR MW associated with the transmission upgrade in the constrained capacity zone |
| Transmission Upgrade Specifically Allocated CTR Credit | <p>If transmission upgrade is associated with import-constrained capacity zone,</p> $\text{Transmission Upgrade Specifically Allocated CTR} \times (\text{Constrained Capacity Zone Capacity Clearing Price} - \text{Adjacent Capacity Zone Capacity Clearing Price}) \times 1000$ <p>where the adjacent capacity zone is Rest-of-Pool</p> <p>If transmission upgrade is associated with export-constrained capacity zone that is not nested,</p> $\text{Transmission Upgrade Specifically Allocated CTR} \times (\text{Adjacent Capacity Zone Capacity Clearing Price} - \text{Constrained Capacity Zone Capacity Clearing Price}) \times 1000$ <p>where the adjacent capacity zone is Rest-of-Pool</p> <p>If transmission upgrade is associated with nested export-constrained capacity zone,</p> |

SD_FCMCLODTL – Forward Capacity Market Capacity Load Obligation Detail Report – Rev 0

SD_FCMCLODTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|-----------------|--|
| | Transmission Upgrade Specifically Allocated CTR x (Adjacent Capacity Zone Capacity Clearing Price – Constrained Capacity Zone Capacity Clearing Price) x 1000 where the adjacent capacity zone is the parent export-constrained capacity zone |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

| SD_FCMCLODTL Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 06.01.2022 |

SD_FCMCLODTLSUB – Forward Capacity Market Capacity Load Obligation Detail Subaccount Report – Rev 0

SD_FCMCLODTLSUB _<market service>_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Subaccount CTR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Pool-Planned Unit Specifically Allocated CTR | Sum of Pool-Planned Unit Specifically Allocated CTR associated with the subaccount in the capacity zone |
| Subaccount Pool-Planned Unit Specifically Allocated CTR Credit | Sum of Pool-Planned Unit Specifically Allocated CTR Credits associated with the subaccount in the capacity zone |
| Subaccount Transmission Upgrade Specifically Allocated CTR | Sum of Transmission Upgrade Specifically Allocated CTR associated with the subaccount in the capacity zone |
| Subaccount Transmission Upgrade Specifically Allocated CTR Credit | Sum of Transmission Upgrade Specifically Allocated CTR Credits associated with the subaccount in the capacity zone |
| PPU CTR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Pool-Planned Unit Asset ID | Pool-Planned Unit Asset ID |
| Pool-Planned Unit Asset Name | Pool-Planned Unit Asset Name |
| Entitlement Holder Capacity Zone ID | Entitlement Holder Capacity Zone ID |
| Entitlement Holder Capacity Zone Name | Entitlement Holder Capacity Zone Name |
| Entitlement Holder Capacity Zone Capacity Clearing Price | Entitlement Holder Capacity Zone Capacity Clearing Price |
| Pool-Planned Unit Capacity Zone ID | Pool-Planned Unit Capacity Zone ID |
| Pool-Planned Unit Capacity Zone Name | Pool-Planned Unit Capacity Zone Name |
| Pool-Planned Unit Capacity Zone Capacity Clearing Price | Pool-Planned Unit Capacity Zone Capacity Clearing Price |
| Resource ID | Resource ID |
| Resource Name | Resource Name |

SD_FCMCLODTLSUB – Forward Capacity Market Capacity Load Obligation Detail Subaccount Report – Rev 0

SD_FCMCLODTLSUB _<market service>_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Capacity Supply Obligation | Capacity supply obligation MW acquired by the resource through the FCA, the 2 nd clearing of the FCA, and clearing of the substitution auction |
| Customer Ownership Entitlement | The fixed percentage of ownership associated with longstanding unit contract for pool-planned units |
| Load Serving Entity Designated Self-Supply | Load Serving Entity Designated Self-Supply |
| Pool-Planned Unit Specifically Allocated CTR | $\text{MAX}[0, (\text{Capacity Supply Obligation} \times \text{Customer Ownership Entitlement}/100 - \text{Load Serving Entity Designated Self-Supply})]$ |
| Pool-Planned Unit Specifically Allocated CTR Credit | $\text{Pool-Planned Unit Specifically Allocated CTR} \times (\text{Entitlement Holder Capacity Zone Capacity Clearing Price} - \text{Pool-Planned Unit Capacity Zone Capacity Clearing Price}) \times 1000$ |
| TU CTR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Transmission Upgrade Description | Transmission Upgrade Description |
| Constrained Capacity Zone ID | Constrained Capacity Zone ID |
| Constrained Capacity Zone Name | Constrained Capacity Zone Name |
| Constrained Capacity Zone Type | Constrained Capacity Zone Type |
| Constrained Capacity Zone Capacity Clearing Price | Constrained Capacity Zone Capacity Clearing Price |
| Adjacent Capacity Zone ID | Adjacent Capacity Zone ID |
| Adjacent Capacity Zone Name | Adjacent Capacity Zone Name |
| Adjacent Capacity Zone Capacity Clearing Price | Adjacent Capacity Zone Capacity Clearing Price |
| Transmission Upgrade Specifically Allocated CTR | Specifically allocated CTR MW associated with the transmission upgrade in the constrained capacity zone |
| Transmission Upgrade Specifically Allocated CTR Credit | <p>If transmission upgrade is associated with import-constrained capacity zone,</p> $\text{Transmission Upgrade Specifically Allocated CTR} \times (\text{Constrained Capacity Zone Capacity Clearing Price} - \text{Adjacent Capacity Zone Capacity Clearing Price}) \times 1000$ |

SD_FCMCLODTLSUB – Forward Capacity Market Capacity Load Obligation Detail Subaccount Report – Rev 0

SD_FCMCLODTLSUB _<market service>_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|---------------|--|
| | <p>where the adjacent capacity zone is Rest-of-Pool</p> <p>If transmission upgrade is associated with export-constrained capacity zone that is not nested,</p> $\text{Transmission Upgrade Specifically Allocated CTR} \times (\text{Adjacent Capacity Zone Capacity Clearing Price} - \text{Constrained Capacity Zone Capacity Clearing}) \times 1000$ <p>where the adjacent capacity zone is Rest-of-Pool</p> <p>If transmission upgrade is associated with nested export-constrained capacity zone,</p> $\text{Transmission Upgrade Specifically Allocated CTR} \times (\text{Adjacent Capacity Zone Capacity Clearing Price} - \text{Constrained Capacity Zone Capacity Clearing Price}) \times 1000$ <p>where the adjacent capacity zone is the parent export-constrained capacity zone</p> |

| SD_FCMCLODTLSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 06.01.2022 |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Pool | |
| Pool Capacity Supply Obligation | The MW value of capacity acquired in the Control Area. Prior to 6/1/2018, this includes the Real-Time Emergency Generation capacity capped by the Real-Time Emergency Generation capacity limit. |
| Pool HQICC | The total MW value of the Hydro-Quebec Interconnection Capability Credits. |
| Pool RTEG Capacity Supply Obligation | The total MW value of the Capacity Supply Obligation for Resources designated as Real-Time Emergency Generation. Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Pool RTEG Utilization Ratio | The ratio of the maximum allowed capacity from Real-Time Emergency Generation Resources that will be counted towards meeting the Installed Capacity Requirement and the actual Capacity Supply Obligation for Real-Time Emergency Generation Resources. Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Pool Peak Contributions | The total MW value of Load Asset and Dispatchable Asset Related Demand Peak Contributions. |
| Pool Peak Contributions (CCP Begin – 2) | The total MW value of Load Asset and Dispatchable Asset Related Demand Peak Contributions from the calendar year ending two years prior to the beginning of the Capacity Commitment Period. |
| Pool Capacity Requirement | The total MW value of Capacity Requirements for all customers. |
| Pool Self-Supplied Capacity Supply Obligation | The total MW value of Capacity Supply Obligations designated as Self-Supply in the Forward Capacity Auction. |
| Pool Capacity Load Obligation | The total MW value of Capacity Load Obligation from all customers. |
| Pool Capacity Load Obligation Charge | The pool total of charges assessed to Capacity Load Obligation. |
| Pool CTR Fund Credit | The total of CTR Fund Credits. |
| Pool Export Capacity Charge Offset | The sum of Export Capacity Credits for the pool. |
| Capacity Zone | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Capacity Zone Capacity Supply Obligation | The MW value of capacity acquired in the Capacity Zone, including Real-Time Emergency Generation capacity capped by the Real-Time Emergency Generation capacity limit. |
| Capacity Zone RTEG Capacity Supply Obligation | The MW value of Capacity Supply Obligation for Resources designated as Real-Time Emergency Generation. |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Capacity Zone Peak Contributions | The total Peak Contributions of all load and Dispatchable Asset Related Demand assets in the Capacity Zone |
| Capacity Zone Peak Contributions (CCP Begin – 2) | The total Peak Contributions of all load and Dispatchable Asset Related Demand assets in the Capacity Zone from the calendar year ending two years prior to the beginning of the Capacity Commitment Period. |
| Capacity Zone Capacity Requirement | The product of the Pool Capacity Supply Obligation MWs, plus HQICC MWs, multiplied by the ratio of the Capacity Zone and Pool Peak Contributions, multiplied by -1. Both the Pool and Capacity Zone Peak Contributions are from the calendar year ending two years prior to the beginning of the applicable Capacity Commitment Period. |
| Capacity Zone HQICC | The total MW value of the Hydro-Quebec Interconnection Capability Credits in the Capacity Zone. |
| Capacity Zone Designated FCA Self-Supplied MW | The total MW value in the Capacity Zone of Capacity Supply Obligation designated as Self-Supply through the Forward Capacity Auction. |
| Capacity Zone Capacity Load Obligation | The total MW value of Capacity Load Obligation in the Capacity Zone. |
| Capacity Zone Net Regional Clearing Price | The Net Regional Clearing Price for the Capacity Zone. |
| Capacity Zone Capacity Load Obligation Charge | The total Capacity Load Obligation charges assessed in the Capacity Zone. |
| Capacity Zone CTR Fund | For Import and Export Constrained Zones, the product of the difference between the Capacity Load Obligation and the Capacity Supply Obligation multiplied by the difference between the Rest of Pool Net Regional Clearing Price and the Capacity Zone Net Regional Clearing Price, multiplied by 1000. |
| Capacity Zone Specifically Allocated CTR for Pool Planned Units | The total MW value of Specifically Allocated CTR for Pool Planned Units for the Capacity Zone. |
| Capacity Zone Specifically Allocated CTR Credit for Pool Planned Units | The total Specifically Allocated CTR Credits for Pool Planned Units for the Capacity Zone. |
| Capacity Zone Specifically Allocated CTR for Transmission Upgrade | The total MW value of Specifically Allocated CTR for Transmission Upgrades for the Capacity Zone. |
| Capacity Zone Specifically Allocated CTR Credit for Transmission Upgrade | The total Specifically Allocated CTR Credits for Transmission Upgrade for the Capacity Zone. |
| Capacity Zone Residual CTR Fund | The total Residual CTR Fund for the Capacity Zone. |
| Capacity Zone Residual CTR Fund Distribution Allocation MW | The total MW value of Residual CTR Fund Distribution Allocation MW for the Capacity Zone. |
| Capacity Zone Export Capacity Charge Offset | The sum of Export Capacity Credits for the Capacity Zone. |
| Capacity Zone Failure to Cover Credits | Capacity Zone Failure to Cover Charge x (-1) This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |
| Customer | |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV
<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Peak Contributions | The sum of the Customer Share Peak Contributions in the Capacity Zone. |
| Customer Capacity Requirement | The Capacity Zone Capacity Requirement multiplied by the ratio of the Customer Peak Contributions and the Capacity Zone Peak Contributions. The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the year prior to the start of the applicable Capability Year. |
| Customer Capacity Load Obligation Bilateral MW | The sum of the Capacity Load Obligation either shed or acquired through Capacity Load Obligation Bilateral Contracts. |
| Customer HQICC | The sum of the customer Hydro-Quebec Interconnection Capability Credits in the Capacity Zone. |
| Customer Capacity Zone Designated FCA Self-Supplied MW | The sum of the customer Designated Self Supplied MW in the Capacity Zone. |
| Customer Capacity Load Obligation | The sum of the Customer Capacity Requirement, Customer Capacity Load Obligation Bilateral MW, Customer HQICC, and Customer Capacity Zone Designated FCA Self-Supplied MW. |
| Net Regional Clearing Price | The Net Regional Clearing Price for the Capacity Zone. |
| Customer Capacity Load Obligation Charge | The product of the Customer Capacity Load Obligation and the Net Regional Clearing Price, multiplied by 1000 |
| Customer Specifically Allocated CTR for Pool Planned Units | The sum for the customer of the individual quantities calculated for each Pool Planned Unit, where the quantity is the Specifically Allocated Pool Planned Unit Entitlement percent multiplied by the Capacity Supply Obligation, less the customer's Self-Supplied FCA Resource MW. |
| Customer Specifically Allocated CTR Credit for Pool Planned Units | When Maine is modeled as a Capacity Zone, for units located in the Maine Capacity Zone and identified as Pool Planned Units, the Product of a Customer Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Rest of Pool FCA Payment Rate and the Capacity Zone FCA Payment Rate, multiplied by 1000. When NEMA-Boston is modeled as a Capacity Zone, for all units identified as Pool Planned Units, the Product of a Customer Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Capacity Zone FCA Payment Rate and the Rest of Pool FCA Payment Rate, multiplied by 1000. |
| Customer Specifically Allocated CTR for Transmission Upgrade | The value of MWs from a transmission upgrade associated with an internal interface to or from an import/export constrained Capacity Zone for which the Customer is entitled to specifically allocated CTR credits when the import/export constrained zone is modeled. |
| Customer Specifically Allocated CTR Credit for Transmission Upgrade | When an Export Zone is modeled as a Capacity Zone, for customers identified as having Transmission Upgrades eligible for CTR, the Product of a Customers Specifically Allocated CTR for Transmission Upgrade multiplied by the difference between the Rest of Pool FCA |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | Payment Rate and the Capacity Zone FCA Payment Rate, multiplied by 1000. When an Import Zone is modeled as a Capacity Zone, for customers identified as having Transmission Upgrades for the Import Constrained Zone eligible for CTR, the Product of a Customers Specifically Allocated CTR for Transmission Upgrade multiplied by the difference between the Capacity Zone FCA Payment Rate and the Rest of Pool FCA Payment Rate, multiplied by 1000. |
| Customer Specifically Allocated CTR Credit | The sum of customer Specifically Allocated CTR Credit for Pool Planned Units and Customer Specifically Allocated CTR Credit for Transmission Upgrade. |
| Customer Residual CTR Fund Distribution Allocation MW | The sum of customer Capacity Load Obligation MW and the Specifically Allocated CTR for Pool Planned Units |
| Customer Residual CTR Fund Credit | The product of a customer pro rata share of the Capacity Zone Residual CTR Fund Distribution Allocation MW multiplied by the Capacity Zone Residual CTR Fund. |
| Customer CTR Credit | The sum of customer Residual CTR Fund Credit and the Customer Specifically Allocated CTR Credit. |
| Customer Export Capacity Charge Offset | The sum of Export Capacity Credits for the customer. |
| Customer Failure to Cover Credits | The sum of Failure to Cover Credits for the customer. This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |
| Resource | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource type receiving a Self-Supplied Obligation from the Forward Capacity Auction. Appropriate values are: Generator and Import. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Designated FCA Self-Supplied MW | The amount of Self-Supplied capacity designated by the Resource for the customer, in the Capacity Zone. |
| CLO Bilateral | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Contract ID | The contract identifier for obligations obtained or shed through a Bilateral Contract. |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Internal Reference ID | A customer -specified string, supplied at the time of contract submittal, used to facilitate the customer's organization and tracking of contract information. |
| Other Party | Counter-party to the transaction. |
| Capacity Load Obligation Bilateral MW | The Capacity Load Obligation shed or acquired through the contract. A positive value indicates the customer has shed Capacity Load Obligation and a negative value indicates the customer has acquired Capacity Load Obligation. |
| Load Daily Peak Contributions | |
| Trading Date | Specific day for which the information is provided. |
| Asset ID | Numerical identifier for the Load Asset. |
| Asset Name | Name of the Load Asset |
| Peak Contributions | The Peak Contributions as determined by the meter reader. |
| Ownership Share | The customer's ownership share of the asset on the trading date. |
| Customer Share Peak Contributions | The product of the Load Asset Peak Contribution value multiplied by Ownership Share. |
| Monthly Peak Contributions | |
| Asset ID | Numerical identifier for the Load Asset or Dispatchable Asset Related Demand. |
| Asset Name | Name of the Load Asset or Dispatchable Asset Related Demand. |
| Average Customer Share Peak Contribution | The average of the Customer Share Peak Contributions. |
| DARD Daily Peak Contributions | |
| Trading Date | Specific day for which the information is provided. |
| Asset ID | Numerical identifier for the Dispatchable Asset Related Demand. |
| Asset Name | Name of the Dispatchable Asset Related Demand. |
| Peak Contributions | The Peak Contributions as determined by the meter reader. |
| Baseline Pool Peak Contribution | The registered value of the historic Peak Contribution for the asset. |
| Meter Adjustment | The sum of the Peak Contribution value submitted by the meter reader and the Baseline Pool Peak Contribution value. |
| Nominated Consumption Limit | The registered value of the Nominated consumption limit for the asset. |
| Non-Conforming Bid Adjustment | Capacity Commitment Period adjustment MW |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Ownership Share | The customer's ownership share of the asset on the trading date. |
| Customer Share Peak Contributions | The total of the Meter Adjustment less Non-Conforming Bid Adjustment less Nominated Consumption Limit, multiplied by Ownership Share. |
| PPU Specifically Allocated CTR | |
| CTR Fund Capacity Zone ID | The Constrained Capacity Zone related to the Specifically Allocated CTR Unit. |
| Capacity Zone Name | The name of the CTR Fund Capacity Zone. |
| Capacity Zone FCA Payment Rate | The Import/Export Constrained Capacity Zone FCA Payment Rate or in the case of Inadequate Supply or Insufficient Competition, the lower of (1) the Capacity Clearing Price and (2) the payment rate for Existing Generating Capacity Resources, Existing Import Capacity Resources, and Existing Demand Resources under Section III.13.2.8. |
| ROP Capacity Zone FCA Payment Rate | The Rest of Pool FCA Payment Rate or in the case of Inadequate Supply or Insufficient Competition, the lower of (1) the Capacity Clearing Price and (2) the payment rate for Existing Generating Capacity Resources, Existing Import Capacity Resources, and Existing Demand Resources under Section III.13.2.8. |
| Pool Planned Unit Asset ID | The asset ID of the Pool Planned Unit receiving CTR credit. |
| Pool Planned Unit Asset Name | The name of the Pool Planned Unit Asset. |
| Asset Seasonal Claimed Capability | The Assets Winter/Summer Claimed Capability determined by the Settlement month. |
| Customer Ownership Entitlement | The Fixed Percentage of ownership associated with longstanding unit contract for Pool Planned Units |
| Customer Specifically Allocated CTR for Pool Planned Unit | The Product of a customer's Asset Specifically Allocated Pool Planned Units Entitlement percent multiplied by the Capacity Supply Obligation less Self-Supplied FCA Resource MW. |
| Customer Specifically Allocated CTR Credit for Pool Planned Unit. | <p>When Maine is modeled as a Capacity Zone, for units located in the Maine Capacity Zone and identified as Pool Planned Units, the Product of a Customer Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Rest of Pool FCA Payment Rate and the Capacity Zone FCA Payment Rate, multiplied by 1000.</p> <p>When NEMA-Boston is modeled as a Capacity Zone, for all units identified as Pool Planned Units, the Product of a Customer Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Capacity Zone FCA Payment Rate and the Rest of Pool FCA Payment Rate, multiplied by 1000.</p> |
| Subaccount | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount Peak Contributions | The sum of the Subaccount Share Peak Contributions in the Capacity Zone. |
| Subaccount Capacity Requirement | <p>The Capacity Zone Capacity Requirement multiplied by the ratio of the Subaccount Peak Contributions and the Capacity Zone Peak Contributions.</p> <p>The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the year prior to the start of the applicable Capability Year.</p> |
| Subaccount Capacity Load Obligation Bilateral MW | The sum of the Capacity Load Obligation either shed or acquired through Capacity Load Obligation Bilateral Contracts. |
| Subaccount HQICC | The sum of the subaccount Hydro-Quebec Interconnection Capability Credits in the Capacity Zone. |
| Subaccount Capacity Zone Designated FCA Self-Supplied MW | The sum of the subaccount Designated Self Supplied MW in the Capacity Zone. |
| Subaccount Capacity Load Obligation | The sum of the Subaccount Capacity Requirement, Subaccount Capacity Load Obligation Bilateral MW, Subaccount HQICC, and Subaccount Capacity Zone Designated FCA Self-Supplied MW. |
| Net Regional Clearing Price | The Net Regional Clearing Price for the Capacity Zone. |
| Subaccount Capacity Load Obligation Charge | The product of the Subaccount Capacity Load Obligation and the Net Regional Clearing Price, multiplied by 1000 |
| Subaccount Export Capacity Charge Offset | The sum of Export Capacity Credits for the subaccount. |
| Subaccount Specifically Allocated CTR for Pool Planned Units | The sum for the Subaccount of the individual quantities calculated for each Pool Planned Unit, where the quantity is the Specifically Allocated Pool Planned Unit Entitlement percent multiplied by the Capacity Supply Obligation, less the Subaccount's Self-Supplied FCA Resource MW. |
| Subaccount Specifically Allocated CTR Credit for Pool Planned Units | <p>When Maine is modeled as a Capacity Zone, for units located in the Maine Capacity Zone and identified as Pool Planned Units, the Product of a Subaccount Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Rest of Pool FCA Payment Rate and the Capacity Zone FCA Payment Rate, multiplied by 1000.</p> <p>When NEMA-Boston is modeled as a Capacity Zone, for all units identified as Pool Planned Units, the Product of a Subaccount Specifically Allocated CTR for Pool Planned Units multiplied by the difference between the Capacity Zone FCA Payment Rate and the Rest of Pool FCA Payment Rate, multiplied by 1000.</p> |
| Subaccount Specifically Allocated CTR for Transmission Upgrade | The value of MWs from a transmission upgrade associated with an internal interface to or from an import/export constrained Capacity Zone for which the Subaccount is entitled to specifically allocated CTR credits |

SD_FCMCLOSTLDTL – Forward Capacity Market Capacity Load Obligation Settlement Details Report – Rev 11

SD_FCMCLOSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | when the import/export constrained zone is modeled. |
| Subaccount Specifically Allocated CTR Credit for Transmission Upgrade | <p>When an Export Zone is modeled as a Capacity Zone, for Subaccounts identified as having Transmission Upgrades eligible for CTR, the Product of a Subaccounts Specifically Allocated CTR for Transmission Upgrade multiplied by the difference between the Rest of Pool FCA Payment Rate and the Capacity Zone FCA Payment Rate, multiplied by 1000.</p> <p>When an Import Zone is modeled as a Capacity Zone, for Subaccounts identified as having Transmission Upgrades for the Import Constrained Zone eligible for CTR, the Product of a Subaccounts Specifically Allocated CTR for Transmission Upgrade multiplied by the difference between the Capacity Zone FCA Payment Rate and the Rest of Pool FCA Payment Rate, multiplied by 1000.</p> |
| Subaccount Specifically Allocated CTR Credit | The sum of Subaccount Specifically Allocated CTR Credit for Pool Planned Units and Subaccount Specifically Allocated CTR Credit for Transmission Upgrade. |
| Subaccount Residual CTR Fund Distribution Allocation MW | The sum of Subaccount Capacity Load Obligation MW and the Specifically Allocated CTR for Pool Planned Units |
| Subaccount Residual CTR Fund Credit | The product of a Subaccount pro rata share of the Capacity Zone Residual CTR Fund Distribution Allocation MW multiplied by the Capacity Zone Residual CTR Fund. |
| Subaccount CTR Credit | The sum of Subaccount Residual CTR Fund Credit and the Subaccount Specifically Allocated CTR Credit. |
| Subaccount Failure to Cover Credits | <p>Capacity Zone Failure to Cover Credits x Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation</p> <p>This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019.</p> |

| SD_FCMCLOSTLDTL Change Summary | Effective Date |
|---|----------------|
| Modified. Added new column “Capacity Zone Failure to Cover Credits” in the “Capacity Zone” section; added new column “Customer Failure to Cover Credits” in the Customer section; added new column “Subaccount Failure to Cover Credits” in the “Subaccount” section. | 06.01.2019 |
| Modified. In the “Pool” section, the “Pool RTEG Capacity Supply Obligation” and “Pool RTEG Utilization Ratio” columns are NULL effective June 1, 2018. In the “Capacity Zone” section, the “Capacity Zone RTEG Capacity Supply Obligation” column is NULL effective June 1, 2018. | 06.01.2018 |
| Modified. Added new columns "Subaccount Specifically Allocated CTR for Pool Planned Units", "Subaccount Specifically Allocated CTR Credit for Pool Planned Units", "Subaccount Specifically Allocated CTR for Transmission Upgrade", "Subaccount Specifically Allocated CTR Credit for Transmission Upgrade", "Subaccount Specifically Allocated CTR Credit", "Subaccount Residual CTR Fund Distribution Allocation MW", "Subaccount Residual CTR Fund Credit", "Subaccount CTR Credit" to the Subaccount section. | 03.26.2018 |
| Modified. Updated description of “Customer Specifically Allocated CTR for Pool Planned Units” | 12.01.2017 |

| SD_FCMCLOSTLDTL Change Summary | Effective Date |
|--|-----------------------|
| in the Customer and PPU Specifically Allocated CTR sections. | |
| Modified. Added new column "Pool Export Capacity Charge Offset" in the "Pool" section; added new column "Capacity Zone Export Capacity Charge Offset" in the "Capacity Zone" section; added new column "Customer Export Capacity Charge Offset" in the Customer section; added new column "Subaccount Export Capacity Charge Offset" in the "Subaccount" section. | 06.01.2017 |
| Modified. In the "Capacity Zone" section, modified description of "Capacity Zone Capacity Requirement". This modification is only to the description document. The correct calculation has been used in Settlements since 06.01.2010. | 06.01.2010 |
| Modified. In the "PPU Specifically Allocated CTR" section, modified description of "Capacity Zone FCA Payment Rate" and "ROP Capacity Zone FCA Payment Rate". | 06.01.2016 |
| Modified. Added new "Subaccount" section. | 08.01.2015 |
| Modified. Added new column "Pool CTR Fund Credit" to Pool section. Added new columns "Capacity Zone CTR Fund", "Capacity Zone Specifically Allocated CTR for Pool Planned Units", "Capacity Zone Specifically Allocated CTR Credit for Pool Planned Units", "Capacity Zone Specifically Allocated CTR for Transmission Upgrade", "Capacity Zone Specifically Allocated CTR Credit for Transmission Upgrade", "Capacity Zone Residual CTR Fund", "Capacity Zone Residual CTR Fund Distribution Allocation MW" to the Capacity Zone section. Added new columns "Customer Specifically Allocated CTR for Pool Planned Units", "Customer Specifically Allocated CTR Credit for Pool Planned Units", "Customer Specifically Allocated CTR for Transmission Upgrade", "Customer Specifically Allocated CTR Credit for Transmission Upgrade", "Customer Specifically Allocated CTR Credit", "Customer Residual CTR Fund Distribution Allocation MW", "Customer Residual CTR Fund Credit", "Customer CTR Credit" to the Customer section. Added new section "PPU Specifically Allocated CTR". | 06.01.2012 |
| Modified. Renamed existing column "Capacity Zone Self-Supplied Capacity Supply Obligation" to "Capacity Zone Designated FCA Self-Supplied MW". | 03.01.2011 |
| Modified. This new tab "DARD Daily Peak Contributions" may contain data effective with obligation month Oct 1st 2010 going forward. This tab will contain just report headers for an obligation month prior to Oct. 1st 2010. | 10.01.2010 |
| New. | 06.01.2010 |

| SD_FCMCLOSTLDTL2 – Forward Capacity Market Capacity Load Obligation Settlement Detail Report – Rev 0 | |
|--|---|
| SD_FCMCLOSTLDTL2_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Zonal Capacity Obligation | Monthly average of the customer daily zonal capacity obligation |
| Customer Capacity Load Obligation Bilateral | Sum of customer Capacity Load Obligation either shed or acquired through Capacity Load Obligation Bilateral contracts |
| HQICC | Sum of the customer Hydro-Quebec Interconnection Capability Credits |
| Customer Designated Self-Supply | Sum of the customer load serving entity designated self-supply MW including external interfaces connected to the capacity zone |
| Customer Capacity Load Obligation | Customer Zonal Capacity Obligation + Customer Capacity Load Obligation Bilateral + HQICC + Customer Designated Self-Supply |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Zonal Capacity Obligation | Monthly average of the subaccount daily zonal capacity obligation |
| Subaccount Capacity Load Obligation Bilateral | Sum of the subaccount Capacity Load Obligation either shed or acquired through Capacity Load Obligation Bilateral contracts |
| HQICC | Sum of the subaccount Hydro-Quebec Interconnection Capability Credits |
| Subaccount Designated Self-Supply | Sum of the subaccount load serving entity designated self-supply MW including external interfaces connected to the capacity zone |
| Subaccount Capacity Load Obligation | Subaccount Zonal Capacity Obligation + Subaccount Capacity Load Obligation Bilateral + HQICC + Subaccount Designated Self-Supply |
| CLO Bilateral | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Contract ID | Contract ID |
| Internal Reference ID | Internal Reference ID |

SD_FCMCLOSTLDTL2 – Forward Capacity Market Capacity Load Obligation Settlement Detail Report – Rev 0

SD_FCMCLOSTLDTL2_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, after the conclusion of the settlement month

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Other Party | Counter-party to the transaction |
| Capacity Load Obligation Bilateral | Capacity load obligation shed or acquired through the contract. A positive value indicates the customer has shed capacity load obligation while a negative value indicates that the customer has acquired capacity load obligation |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

| SD_FCMCLOSTLDTL2 Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FCMCLOSTLDTLSUB – Forward Capacity Market Capacity Load Obligation Settlement Detail Subaccount Report – Rev 0 SD_FCMCLOSTLDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Zonal Capacity Obligation | Monthly average of the subaccount daily zonal capacity obligation |
| Subaccount Capacity Load Obligation Bilateral | Sum of subaccount Capacity Load Obligation shed or acquired through capacity load obligation bilateral contracts. |
| HQICC | Sum of subaccount Hydro-Quebec Interconnection Capability Credits |
| Subaccount Designated Self-Supply | Sum of the subaccount load serving entity designated self-supply MW including external interfaces connected to the capacity zone |
| Subaccount Capacity Load Obligation | Subaccount Zonal Capacity Obligation + Subaccount Capacity Load Obligation Bilateral + HQICC + Subaccount Designated Self-Supply |

| SD_FCMCLOSTLDTLSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 06.01.2022 |

SD_FCMDARDNCBA – Forward Capacity Market Capacity DARD Non-Conforming Bid Adjustment Report – Rev 2

SD_FCMDARDNCBA _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: A preliminary report will be available annually in the month of May which will include preliminary values for the upcoming commitment period, based on the first 11 months (June through April) of the previous commitment period. A report based on all 12 months of the previous commitment period will be issued during the month of June.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Asset | |
| Commitment Period Begin Date | Capacity Commitment Period Begin Date |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Non-Conforming Bid Adjustment MW | Total violation MW for the dispatchable asset related demand in the capacity commitment period |
| Asset Hourly | |
| Scarcity Condition Event Trading Date | Date of the scarcity condition event |
| Scarcity Condition Event Trading Interval | Hour(s) of the scarcity condition event |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Violation MW | The value that violates the relationship between the registered nominated consumption limit and the non-conforming minimum consumption limit MW |

| SD_FCMDARDNCBA Change Summary | Effective Date |
|---|----------------|
| Modified. In section "Asset Hourly", columns "Shortage Event Trading Date" and "Shortage Event Trading Interval" renamed to "Scarcity Condition Event Trading Date", "Scarcity Condition Event Trading Interval". | 06.01.2022 |
| Modified. In section "Asset Hourly", columns "Nominated Consumption Limit MW", "Day-Ahead Bid Min Consumption Limit MW", "Performance Min Consumption Limit MW", and "Non-Conforming Min Consumption Limit MW" have been removed. This report will be issued only if there is a Dispatch ARD registered into the system. | 06.01.2011 |
| New. This new report takes effect with commitment period June 2011 but report will be posted before commitment period starts. The first version of this report will be posted early 2011 as long as there is a Dispatch ARD registered into the system. | 06.01.2011 |

SD_FCMDLYCHRGSTLDTL – Forward Capacity Market Daily Charge Settlement Detail Report – Rev 0
SD_FCMDLYCHRGSTLDTL_<customer id>_<settlement date>_<version>.CSV
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Peak Contributions | Total peak contributions of all load and dispatchable asset related demand assets in the capacity zone. |
| Capacity Zone Zonal Capacity Obligation | Capacity Zone Zonal Capacity Obligation |
| Customer Peak Contributions | Customer Peak Contributions |
| Customer Capacity Load Obligation Bilateral | Total customer CLO bilateral contracts in the capacity zone. |
| HQICC | Customer Hydro-Quebec Interconnection Capability in the capacity zone. |
| Customer Designated Self-Supply | Customer Designated Self-Supply |
| Customer Daily Zonal Capacity Obligation | (Customer Peak Contributions / Capacity Zone Peak Contributions) x Capacity Zone Zonal Capacity Obligation |
| Customer Daily Capacity Load Obligation | Customer Capacity Load Obligation Bilateral + HQICC + Customer Designated Self-Supply + Customer Daily Zonal Capacity Obligation |
| Customer Specifically-Allocated CTR PPU | Customer Specifically-Allocated CTR PPU ¹ |
| Customer Specifically-Allocated CTR TU | Customer Specifically-Allocated CTR TU ¹ |
| Customer Daily CLO Charges | Total customer daily CLO charges for the capacity zone. |
| Customer Specifically Allocated CTR PPU Daily Credit | Month-Ahead Customer Specifically Allocated CTR PPU ¹ / number of days in the obligation month |
| Customer Specifically Allocated CTR TU Daily Credit | Month-Ahead Customer Specifically Allocated CTR TU ¹ / number of days in the obligation month |
| Customer Total Daily Charge | Customer Daily CLO Charges + Customer Specifically Allocated CTR PPU Daily Credit + Customer Specifically Allocated CTR TU Daily Credit |
| Customer Charges | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |

SD_FCMDLYCHRGSTLDTL – Forward Capacity Market Daily Charge Settlement Detail Report – Rev 0
SD_FCMDLYCHRGSTLDTL_<customer id>_<settlement date>_<version>.CSV
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Charge Type | Appropriate values are: <ul style="list-style-type: none"> • FCA CLO Charge • ARA 1 CLO Charge • ARA 2 CLO Charge • ARA 3 CLO Charge • MRA CLO Charge • HQICC CLO Charge • Self-Supply CLO Charge Adjustment • IPR Seasonal Variance CLO Charge Adjustment • MRECO CLO Charge Adjustment • Specifically-Allocated CTR PPU CLO Charge • Specifically-Allocated CTR TU CLO Charge |
| Charge Allocator | Customer Daily CLO Note: If the Charge Type is Specifically-Allocated CTR PPU CLO Charge, Customer Daily CLO + Customer Specifically-Allocated CTR PPU ¹ |
| Daily Rate | Month-Ahead charge rate for the applicable charge type ¹ / number of days in the obligation month |
| Charge Amount | Daily Rate x Charge Allocator x 1000 |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Peak Contributions | Total peak contributions of all load and dispatchable asset related demand assets in the capacity zone. |
| Capacity Zone Zonal Capacity Obligation | Capacity Zone Zonal Capacity Obligation |
| Subaccount Peak Contributions | Total Subaccount Peak Contributions for the day in the capacity zone. |
| Subaccount Capacity Load Obligation Bilateral | Total subaccount CLO bilateral contracts in the capacity zone. |
| Subaccount HQICC | Total subaccount Hydro-Quebec Interconnection Capability in the capacity zone. |
| Subaccount Designated Self-Supply | Subaccount Designated Self-Supply |
| Subaccount Daily Zonal Capacity Obligation | (Subaccount Peak Contributions / Capacity Zone Peak Contributions) x Capacity Zone Zonal Capacity Obligation |
| Subaccount Daily Capacity Load Obligation | Subaccount Capacity Load Obligation Bilateral + Subaccount HQICC + Subaccount Designated Self-Supply + Subaccount Daily Zonal Capacity Obligation |

| SD_FCMDLYCHRGSTLDTL – Forward Capacity Market Daily Charge Settlement Detail Report – Rev 0 SD_FCMDLYCHRGSTLDTL_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Specifically-Allocated CTR PPU | Subaccount Specifically-Allocated CTR PPU ¹ |
| Subaccount Specifically-Allocated CTR TU | Subaccount Specifically-Allocated CTR TU ¹ |
| Subaccount Daily CLO Charges | Total subaccount's daily CLO charges for the capacity zone. |
| Subaccount Specifically Allocated CTR PPU Daily Credit | Month-Ahead Subaccount Specifically Allocated CTR PPU ¹ / number of days in the obligation month |
| Subaccount Specifically Allocated CTR TU Daily Credit | Month-Ahead Subaccount Specifically Allocated CTR TU ¹ / number of days in the obligation month |
| Subaccount Total Daily Charge | Subaccount Daily CLO Charges + Subaccount Specifically Allocated CTR PPU Daily Credit + Subaccount Specifically Allocated CTR TU Daily Credit |
| Subaccount Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Charge Type | Appropriate values are: <ul style="list-style-type: none"> • FCA CLO Charge • ARA 1 CLO Charge • ARA 2 CLO Charge • ARA 3 CLO Charge • MRA CLO Charge • HQICC CLO Charge • Self-Supply CLO Charge Adjustment • IPR Seasonal Variance CLO Charge Adjustment • MRECO CLO Charge Adjustment • Specifically-Allocated CTR PPU CLO Charge • Specifically-Allocated CTR TU CLO Charge |
| Charge Allocator | Subaccount Daily CLO Note: If the Charge Type is Specifically-Allocated CTR PPU CLO Charge, Subaccount Daily CLO + Subaccount Specifically-Allocated CTR PPU ¹ |
| Daily Rate | Month-Ahead charge rate for the applicable charge type ¹ / number of days in the obligation month |
| Charge Amount | Daily Rate x Charge Allocator x 1000 |
| Self-Supply | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |

| SD_FCMDLYCHRGSTLDTL – Forward Capacity Market Daily Charge Settlement Detail Report – Rev 0 SD_FCMDLYCHRGSTLDTL_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Designated Self-Supply | Designated Self-Supply |
| Load Daily Peak Contributions | |
| Trading Date | Specific day for which the information is reported. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Peak Contributions | Peak contributions as determined by the meter reader. |
| Ownership Share | Ownership Share |
| Customer Share Peak Contributions | $\text{Peak Contributions} \times \text{Ownership Share} / 100$ |
| DARD Daily Peak Contributions | |
| Trading Date | Specific day for which the information is reported. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Peak Contributions | Peak contributions as determined by the meter reader. |
| Baseline Pool Peak Contribution | Registered value of the historic Peak Contribution for the asset. |
| Meter Adjustment | $\text{Peak Contribution} - (\text{Baseline Pool Peak Contribution} \times -1)$ |
| Nominated Consumption Limit | Nominated Consumption Limit |
| Non-Conforming Bid Adjustment | Non-Conforming Bid Adjustment |
| Ownership Share | Ownership Share |
| Customer Share Peak Contributions | $(\text{Meter Adjustment} - \text{Nominated Consumption Limit} - \text{Non-Conforming Bid Adjustment}) \times \text{Ownership Share}$ |

¹ More information on this value can be found in SD_FCMCLODTL

| SD_FCMDLYCHRGSTLDTL Change Summary | Effective Date |
|---|----------------|
| New. This new report takes effect with commitment period June 2022. | 06.01.2022 |

SD_FCMDLYCHRGSTLDTLSUB – Forward Capacity Market Daily Charge Settlement Detail Subaccount Report – Rev 0

SD_FCMDLYCHRGSTLDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Peak Contributions | Total peak contributions of all load and dispatchable asset related demand assets in the capacity zone. |
| Capacity Zone Zonal Capacity Obligation | Capacity Zone Zonal Capacity Obligation |
| Subaccount Peak Contributions | Subaccount Peak Contributions |
| Subaccount Capacity Load Obligation Bilateral | Total subaccount CLO bilateral contracts in the capacity zone. |
| Subaccount HQICC | Total subaccount Hydro-Quebec Interconnection Capability in the capacity zone. |
| Subaccount Designated Self-Supply | Subaccount Designated Self-Supply |
| Subaccount Daily Zonal Capacity Obligation | $(\text{Subaccount Peak Contributions} / \text{Capacity Zone Peak Contributions}) \times \text{Capacity Zone Zonal Capacity Obligation}$ |
| Subaccount Daily Capacity Load Obligation | Subaccount Capacity Load Obligation Bilateral + Subaccount HQICC + Subaccount Designated Self-Supply + Subaccount Daily Zonal Capacity Obligation |
| Subaccount Specifically-Allocated CTR PPU | Subaccount Specifically-Allocated CTR PPU ¹ |
| Subaccount Specifically-Allocated CTR TU | Subaccount Specifically-Allocated CTR TU ¹ |
| Subaccount Daily CLO Charges | Total subaccount daily charges for the capacity zone. |
| Subaccount Specifically Allocated CTR PPU Daily Credit | Month-Ahead Subaccount Specifically Allocated CTR PPU ¹ / number of days in the obligation month |
| Subaccount Specifically Allocated CTR TU Daily Credit | Month-Ahead Subaccount Specifically Allocated CTR TU ¹ / number of days in the obligation month |
| Subaccount Total Daily Charge | Subaccount Daily CLO Charges + Subaccount Specifically Allocated CTR PPU Daily Credit + Subaccount Specifically Allocated CTR TU Daily Credit |
| Subaccount Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |

SD_FCMDLYCHRGSTLDTLSUB – Forward Capacity Market Daily Charge Settlement Detail Subaccount Report – Rev 0

SD_FCMDLYCHRGSTLDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------|---|
| Capacity Zone Name | Capacity Zone Name |
| Charge Type | <p>Appropriate values are:</p> <ul style="list-style-type: none"> • FCA CLO Charge • ARA 1 CLO Charge • ARA 2 CLO Charge • ARA 3 CLO Charge • MRA CLO Charge • HQICC CLO Charge • Self-Supply CLO Charge Adjustment • IPR Seasonal Variance CLO Charge Adjustment • MRECO CLO Charge Adjustment • Specifically-Allocated CTR PPU CLO Charge • Specifically-Allocated CTR TU CLO Charge |
| Charge Allocator | <p>Subaccount Daily CLO</p> <p>Note: If the Charge Type is Specifically-Allocated CTR PPU CLO Charge, Subaccount Daily CLO + Subaccount Specifically-Allocated CTR PPU¹</p> |
| Daily Rate | Month-Ahead charge rate for the applicable charge type ¹ / number of days in the obligation month |
| Charge Amount | Daily Rate x Charge Allocator x 1000 |

¹ More information on this value can be found in SD_FCMCLODTL

| SD_FCMDLYCHRGSTLDTLSUB Change Summary | Effective Date |
|--|----------------|
| New. This new report takes effect with commitment period June 2022. | 06.01.2022 |

SD_FCMFTCDTL – Forward Capacity Market Failure to Cover Detail – Rev 0

SD_FCMFTCDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Capacity Zone | |
| Capacity Zone ID | Numerical identifier for the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Failure to Cover Charge Rate | <p>Highest clearing price from the FCA, ARA1, ARA2 and ARA3 for the applicable Capacity Commitment Period.</p> <p>After June 1, 2022 this rate will be derived from a special run of ARA3 for each CCP.</p> |
| Capacity Zone Failure to Cover Charge | The Failure to Cover Charge for the Capacity Zone. |
| Capacity Zone Failure to Cover Credits | Capacity Zone Failure to Cover Charge x (-1) |
| Customer | |
| Capacity Zone ID | The numerical identifier for the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Failure to Cover Charge | The sum of the Failure to Cover Charge for Customer subaccounts. |
| Customer Failure to Cover Credits | The sum of the Failure to Cover Credits for Customer subaccounts. |
| Subaccount | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Capacity Zone ID | Numerical identifier for of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone to which the Subaccount is associated with for the Forward Capacity Market. |
| Subaccount Failure to Cover Charge | The sum of Failure to Cover Charge for Resources mapped to the subaccount. |
| Subaccount Failure to Cover Credits | Capacity Zone Failure to Cover Credits x Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation |
| Resource | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | <p>The FCM Resource subtype, if applicable. Appropriate values are:</p> <ul style="list-style-type: none"> • Generator |

SD_FCMFTCDTL – Forward Capacity Market Failure to Cover Detail – Rev 0

SD_FCMFTCDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|---|
| | <ul style="list-style-type: none"> ○ Intermittent • Demand <ul style="list-style-type: none"> ○ Active Demand Capacity Resource ○ Seasonal Peak Demand Capacity Resource ○ On Peak Demand Capacity Resource. <p>If a Generator's type is not Intermittent, the Resource Subtype will be NULL.</p> |
| Capacity Zone ID | The numerical identifier for of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Capacity Supply Obligation | Capacity Supply Obligation for the Resource. |
| Maximum Demonstrated Output | <p>Sum (Asset Maximum Demonstrated Output)</p> <p>If there are no assets with a Maximum Demonstrated Output mapped to the Resource, the value will be NULL</p> |
| Failure to Cover Charge Rate | <p>Highest clearing price from the FCA, ARA1, ARA2 and ARA3 for the applicable Capacity Commitment Period.</p> <p>After June 1, 2022 this rate will be derived from a special run of ARA3 for each CCP.</p> |
| Failure to Cover Charge | MAX(0, Capacity Supply Obligation - Maximum Demonstrated Output) x Failure to Cover Charge Rate. |
| Asset | |
| Resource ID | Numerical identifier for the Resource. Assets associated with Resources with CSO > 0 will appear on this report. |
| Resource Name | Name of the Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset mapped to the Resource. Only Assets that are commercial at the time of the settlement month will appear on this report. |
| Asset Type | <p>Specified Asset type such as:</p> <ul style="list-style-type: none"> • GENERATING ASSET • DEMAND RESPONSE RESOURCE • ON PEAK DEMAND ASSET • SEASONAL PEAK DEMAND ASSET |
| Asset Maximum Demonstrated Output | The highest demonstrated monthly commercial performance of an Asset during an evaluation period that starts either six years prior to the Capacity Commitment Period, or as of Asset commercial operation, whichever is later. |

| SD_FCMFTCDTL Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 06.01.2019 |

| SD_FCMFTCDTL2 – Forward Capacity Market Failure to Cover Detail Settlement Report – Rev 0 | |
|---|---|
| SD_FCMFTCDTL2_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Failure to Cover Charge Rate | Failure to Cover Charge Rate |
| Capacity Zone Failure to Cover Charge | Sum of failure to cover charge |
| Capacity Zone Failure to Cover Charge Adjustment | Sum of failure to cover charge adjustments |
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Failure to Cover Charge | Sum of failure to cover charge |
| Customer Failure to Cover Charge Adjustment | Sum of failure to cover charge adjustments |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Failure to Cover Charge | Sum of failure to cover charge for resources mapped to the subaccount |
| Subaccount Failure to Cover Charge Adjustment | Capacity Zone Failure to Cover Charge Adjustment \times (Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation) |
| Resource | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Supply Obligation | Capacity Supply Obligation |
| Resource Maximum Demonstrated Output | Sum (Asset Maximum Demonstrated Output) If there are no assets with a maximum demonstrated output mapped to the resource, the value will be NULL |
| Failure to Cover Charge Rate | Failure to Cover Charge Rate |
| Failure to Cover Charge | MAX (0, Capacity Supply Obligation – Maximum Demonstrated Output) \times |

| SD_FCMFTCDTL2 – Forward Capacity Market Failure to Cover Detail Settlement Report – Rev 0 | |
|---|--|
| SD_FCMFTCDTL2_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| | Failure to Cover Charge Rate $\times 1000 \times (-1)$ |
| Asset | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Appropriate values are: <ul style="list-style-type: none"> • GENERATING ASSET • DEMAND RESPONSE RESOURCE • ON PEAK DEMAND ASSET • SEASONAL PEAK DEMAND ASSET |
| Asset Maximum Demonstrated Output | The highest demonstrated monthly commercial performance of an asset during an evaluation period that starts either six years prior to the capacity commitment period, or as of asset commercial operation, whichever is later. |

| SD_FCMFTCDTL2 Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FCMFTCDTL2SUB – Forward Capacity Market Failure to Cover Detail Settlement Subaccount – Rev 0 SD_FCMFTCDTL2SUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Failure to Cover Charge | Sum of failure to cover charge for resources mapped to the subaccount |
| Subaccount Failure to Cover Charge Adjustment | Capacity Zone Failure to Cover Charge Adjustment x (Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation) |

| SD_FCMFTCDTL2SUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 11.01.2022 |

SD_FCMIMPORTPENALTYCHG – Forward Capacity Market Import Penalty Charge Settlement Detail Report – *RETIRED*

SD_FCMIMPORTPENALTYCHG_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers. This report includes only details of Import Penalty Charges, if applicable; it does not include all Import Resource Energy Transaction records for the Obligation Month.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Resource Penalty | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Monthly Resource Penalty Charge | Sum of Import Penalty Charges per Resource. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Daily Penalty | |
| Trading Date | Specific day for which the information is reported. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Daily Failure to Offer Competitively Penalty | The dollar amount of penalty charges for failing to offer at or below the applicable pricing threshold for External Transactions associated with the Import Capacity Resource for the trading date. |
| Daily Failure to Offer Penalty | The dollar amount of penalty charges for failing to offer a total amount of energy in each hour equal to the Import Capacity Resource Capacity Supply Obligation for the trading date. |
| Daily Failure to Deliver Penalty | The dollar amount of penalty charges for failing to deliver to the New England Control Area the energy requested from Real-Time External Transactions associated with the Import Capacity Resource for the trading date. |
| Daily Penalty Total | The sum of the Daily Failure to Offer Competitively Penalty, Daily Failure to Offer Penalty, and the Daily Failure to Deliver Penalty. |
| Daily Resource Penalty Cap | The dollar amount which the Daily Resource Penalty Charge shall not exceed for the trading date. |
| Daily Resource Penalty Charge | The dollar amount of the Import Capacity Resource penalty charge for the trading date; calculated as the maximum of the Daily Penalty Total and the Daily Resource Penalty Cap. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Competitive Offer | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SD_FCMIMPORTPENALTYCHG – Forward Capacity Market Import Penalty Charge Settlement Detail Report – *RETIRED*

SD_FCMIMPORTPENALTYCHG_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers. This report includes only details of Import Penalty Charges, if applicable; it does not include all Import Resource Energy Transaction records for the Obligation Month.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Day-Ahead or Real-Time | Indicates whether the External Transaction was scheduled in the Day-Ahead or Real-Time energy market. |
| External Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| External Interface Name | The name of the External Interface. |
| External Transaction Offered Price | The dollar price per MW submitted with the Day-Ahead or Real-Time External Transaction. |
| Offer Threshold Price | The maximum price per MW at which External Transactions associated to an Import Capacity Resource can be offered for the trading date. |
| Day Prior Offer Threshold Price | The Offer Threshold Price for the day prior to the trading date. |
| External Control Area Day-Ahead Threshold Price | For New York Import Resource Energy Transactions, the New York Control Area Day-Ahead Location-Based Marginal Price at the source interface for the trading date and trading interval. For other External Interfaces, this field will be null. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Offer | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Day-Ahead or Real-Time | Indicates whether the Offered MW applies to the Day-Ahead or Real-Time energy market. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. |
| Resource Planned Outage Exempt MW | The MW value of the Resource's Planned Outage eligible to reduce the offer requirement for the trading date and trading interval. |
| Outage-Adjusted Capacity Supply Obligation | The Capacity Supply Obligation minus the Resource Planned Outage Exempt MW. |
| Offered MW | The total MW value of energy offered from all External Transactions associated with the Import Capacity Resource. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value |

SD_FCMIMPORTPENALTYCHG – Forward Capacity Market Import Penalty Charge Settlement Detail Report – *RETIRED*

SD_FCMIMPORTPENALTYCHG_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers. This report includes only details of Import Penalty Charges, if applicable; it does not include all Import Resource Energy Transaction records for the Obligation Month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|---|
| | when subaccount reporting is not enabled. |
| Deliver | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| External Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| External Interface Name | The name of the External Interface. |
| External Transaction Offered MW | The MW value of the energy offered for the Real-Time External Transaction. |
| External Transaction Requested MW | The MW value of the energy delivery requested by the ISO for the Real-Time External Transaction. |
| External Transaction Delivered MW | The MW value of the energy delivered for the Real-Time External Transaction. |
| External Transaction Shortfall MW | The External Transaction Requested MW minus the External Transaction Delivered MW. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_FCMIMPORTPENALTYCHG Change Summary | Effective Date |
|--|----------------|
| Retired. | 06.01.2018 |
| Modified. In the “Competitive Offer” section, the “Offer Threshold Price” description language has been corrected to reflect the limits used in settlements since 06.01.2010. This is a description change only; no settlement calculations have been modified. | 06.01.2010 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource Penalty”, “Daily Penalty”, “Competitive Offer”, “Offer”, and “Deliver” sections. | 08.01.2015 |
| New. | 06.01.2010 |

SD_FCMIMPORTPENALTYCRD – Forward Capacity Market Import Penalty Credit Settlement Detail Report – *RETIRED*

SD_FCMIMPORTPENALTYCRD_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Pool | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Capacity Zone NRCP Total Supply Credit | The total Supply Credit used to calculate the Net Regional Clearing Price for the Capacity Zone in the Obligation Month. |
| Pool NRCP Total Supply Credit | The total of the Capacity Zone NRCP Total Supply Credit, for all Capacity Zones in the Obligation Month. |
| Pool Penalty Charges | The dollar value of the total Forward Capacity Market Import Penalty Charges for the Obligation Month. |
| Capacity Zone Penalty Credit | The product of the Capacity Zone NRCP Total Supply Credit divided by the Pool NRCP Total Supply Credit multiplied by the Pool Penalty Charges. |
| Participant | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Capacity Load Obligation MW | The MW quantity of capacity for which the Customer is financially responsible in the Capacity Zone for the Obligation Month. |
| Capacity Zone Capacity Load Obligation MW | The MW quantity of the total Capacity Load Obligation for all Customers in the Capacity Zone for the Obligation Month. |
| Capacity Zone Penalty Credit | The product of the Capacity Zone NRCP Total Supply Credit divided by the Pool NRCP Total Supply Credit multiplied by the Pool Penalty Charges. |
| Customer Penalty Credit | The product of the Customer Capacity Load Obligation MW divided by the Capacity Zone Capacity Load Obligation MW multiplied by the Capacity Zone Penalty Credit. |
| Subaccount | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount Capacity Load Obligation MW | The MW quantity of capacity for which the subaccount is responsible in the Capacity Zone for the Obligation Month. |
| Capacity Zone Capacity Load Obligation MW | The MW quantity of the total Capacity Load Obligation for all Customers in the Capacity Zone for the Obligation Month. |
| Capacity Zone Penalty Credit | The product of the Capacity Zone NRCP Total Supply Credit divided by the Pool NRCP Total Supply Credit multiplied by the Pool Penalty Charges. |
| Subaccount Penalty Credit | The product of the Subaccount Capacity Load Obligation MW divided by the Capacity Zone Capacity Load Obligation MW multiplied by the Capacity Zone Penalty Credit. |

| SD_FCMIMPORTPENALTYCRD Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. Added new "Subaccount" section. | 08.01.2015 |
| New. This report is expected to be released following the settlement obligation month. | 06.01.2010 |

**SD_FCMMTHREQLAOWNER – Forward Capacity Market Monthly Requirement Lead Asset Owner
Detailed Report – Rev 0**

SD_FCMMTHREQLAOWNER_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly market report available to Lead Asset Owner.

| REPORT COLUMN | DESCRIPTION |
|--------------------|---|
| Trading Date | Specific day for which the information is provided. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Peak Contributions | The Peak Contributions as determined by the meter reader. |

| SD_FCMMTHREQLAOWNER Change Summary | Effective Date |
|---|----------------|
| New. This report is expected to be released following the settlement obligation month. | 06.01.2010 |

SD_FCMNSCDTL – Forward Capacity Market Net Supply Credit Details Report – *RETIRED*

SD_FCMNSCDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report will be issued to Lead Market Participants for Capacity Resources and provides details of Forward Capacity Market supply credits.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|--|
| Resource | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none">• Generator: Intermittent• Demand: RT Emergency Generation• Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Gross Supply Credit | The total of the FCA Payment plus Net Capacity Supply Obligation Bilateral Credit or Charge plus Resource Reconfiguration Auction Credit or Charge, less PER Adjustment. |
| Net Performance Incentive | The resource's Performance Incentives earned in the month in the Capacity Zone after capping for the total performance penalties collected, if necessary. |
| Performance Penalty | The resource's Performance Penalties assessed in the month in the Capacity Zone. |
| Availability Credit | The credit to Generating or Import Resources based on their availability during shortage events in the month. |
| Availability Penalty | The penalty charge to Generating or Import Resources who were not fully available during one or more shortage events in the month. |
| Net Supply Credit | The sum of the Gross Supply Credit, Net Performance Incentive, Performance Penalty, Availability Credit, Availability Credit, and Net Supply Credit. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Asset Detail | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Asset Type | Valid Asset Types are: <ul style="list-style-type: none">• DEMAND RESPONSE• GENERATOR |
| Customer ID | Numerical identifier for the customer. |
| Customer Name | Name of the customer. |
| Ownership Share | The customer's ownership share of the asset on the first day of the obligation month. |

| SD_FCMNSCDTL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource” section. | 08.01.2015 |
| New. | 06.01.2010 |

SD_FCMNSCDTL2 – Forward Capacity Market Net Supply Credit Details Report – Rev 2

SD_FCMNSCDTL2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report will be issued to Lead Market Participants for Capacity Resources and provides details of Forward Capacity Market supply credits.

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| Resource | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: Active Demand Capacity Resource, Seasonal Peak Demand Capacity Resource, On Peak Demand Capacity Resource • Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Gross Supply Credit | <p>Prior to 6/1/2019, the total of the FCA Payment plus Net Capacity Supply Obligation Bilateral Credit or Charge plus Resource Reconfiguration Auction Credit or Charge, less PER Adjustment.</p> <p>Effective 6/1/2019, the total of the FCA Payment plus Net Capacity Supply Obligation Bilateral Credit or Charge plus Resource Reconfiguration Auction Credit or Charge.</p> |
| Final Capacity Performance Payment | Capacity Performance Payment + Resource Share of Balancing Fund + Final Amount not Charged due to Stop-Loss |
| Net Supply Credit | <p>Prior to 6/1/2019, FCA Payment + Net Capacity Supply Obligation Bilateral Credit or Charge + Resource Reconfiguration Auction Credit or Charge + Final Capacity Performance Payment – PER Adjustment</p> <p>Effective 6/1/2019, FCA Payment + Net Capacity Supply Obligation Bilateral Credit or Charge + Resource Reconfiguration Auction Credit or Charge + Final Capacity Performance Payment + Failure to Cover Charge</p> <p>Effective 6/1/2020, FCA Payment + Net Capacity Supply Obligation Bilateral Credit or Charge + Resource Reconfiguration Auction Credit or Charge + Final Capacity Performance Payment + Failure to Cover Charge + Resource ART Payment</p> |
| Failure to Cover Charge | $\text{MAX}(0, \text{Capacity Supply Obligation} - \text{Maximum Demonstrated Output}) \times \text{Failure to Cover Charge Rate} \times (-1)$ |
| Generator Asset | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

SD_FCMNSCDTL2 – Forward Capacity Market Net Supply Credit Details Report – Rev 2

SD_FCMNSCDTL2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report will be issued to Lead Market Participants for Capacity Resources and provides details of Forward Capacity Market supply credits.

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Final Capacity Performance Payment | Capacity Performance Payment + Resource Share of Balancing Fund + Final Amount not Charged due to Stop-Loss |
| DRR | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Final Capacity Performance Payment | Capacity Performance Payment + Resource Share of Balancing Fund + Final Amount not Charged due to Stop-Loss |
| External Transaction | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| External Transaction ID | Numerical identifier for the external transaction. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Final Capacity Performance Payment | Capacity Performance Payment + Resource Share of Balancing Fund + Final Amount not Charged due to Stop-Loss |
| Asset Detail | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • DEMAND RESPONSE ASSET |
| Customer ID | Numerical identifier for the customer. |
| Customer Name | Name of the customer. |

SD_FCMNSCDTL2 – Forward Capacity Market Net Supply Credit Details Report – Rev 2

SD_FCMNSCDTL2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report will be issued to Lead Market Participants for Capacity Resources and provides details of Forward Capacity Market supply credits.

| REPORT COLUMN | DESCRIPTION |
|--------------------------|---|
| Ownership Share | The customer's ownership share of the asset on the first day of the obligation month. |
| ART Transaction Detail | |
| ART ID | Numerical identifier for the Annual Reconfiguration Transaction. |
| Transaction Type | Identifies the type of the transaction. Appropriate values are: <ul style="list-style-type: none">• ART Transfer• ART Acquire |
| Resource ID | The alpha numeric identifier for the resource either acquiring or transferring through the ART. |
| Resource Name | The name of the resource either acquiring or transferring through the ART. |
| Resource Subaccount ID | The alpha numeric identifier for the subaccount associated with the resource. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Capacity Zone ID | The identifier of the Capacity Zone where the ART is settled. |
| Capacity Zone Name | The name of the Capacity Zone where the ART is settled. |
| Transaction Price | The price of the transaction. |
| Transaction Quantity | The amount of MW in the transaction. This is called "Nominal MW" in FCTS. |
| ART Payment | The product of the Transaction Price and the Transaction Quantity. |
| ART Subaccount Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | The identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount ART Payment | The sum of all ART Payments by Capacity Zone. |
| ART Customer Detail | |
| Capacity Zone ID | The identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer ART Payment | The sum of Subaccount ART Payments. |

| SD_FCMNSCDTL2 Change Summary | Effective Date |
|--|----------------|
| Modified. Added “ART Transaction Detail”, “ART Subaccount Detail” and “ART Customer Detail” section. Updated description of “Net Supply Credit”. | 06.01.2020 |
| Modified. Updated descriptions for “Gross Supply Credit” and “Net Supply Credit” in the “Resource” section to remove the PER Adjustment from the calculation. Added new column “Failure to Cover Charge” in the “Resource” section. | 06.01.2019 |
| New. | 06.01.2018 |

SD_FCMFPFACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPFACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Generating Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Resource Energy Quantity MW | The sum of the Energy Quantity for all Assets mapped to the Resource. |
| Resource Real-Time External Transaction MW | The sum of the Real-Time External Transaction Hourly Scheduled MW for all Assets mapped to the Resource. |
| Resource Real-Time Reserve Designation MW | <p>The sum of the Real-Time Reserve Designation MW of all Assets mapped to the Resource.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |
| Actual Capacity Provided | The sum of the Resource Real-Time Reserve Designation MW and the Resource Energy Quantity MW and the Resource Real-Time External Transaction MW |
| Import Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SD_FCMFPACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Net Energy Delivered | The sum of the Import Resource Real-Time External Transaction MW associated with the Participant. |
| Capacity Supply Obligation | The Resource’s Capacity Supply Obligation value. |
| Participant Capacity Supply Obligation | <p>The sum of the Resource Capacity Supply Obligation for the Participant.</p> <p>If there is a system-wide Capacity Scarcity Condition, the summation includes Resources from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation only includes Resources from the impacted Capacity Zone.</p> |
| Actual Capacity Provided | $\frac{\text{Net Energy Delivered} \times \text{Capacity Supply Obligation}}{\text{Participant Capacity Supply Obligation}}$ |
| Passive DR Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is</p> |

SD_FCMFPFACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPFACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| | reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total” |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Subtype | “Seasonal Peak Demand Capacity Resource” or “On Peak Demand Capacity Resource” |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Actual Capacity Provided | The sum of the Actual Capacity Provided for associated passive demand assets. |
| Active Demand Capacity Resrcs | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Real-Time Reserve Designation MW | <p>The sum of the Resource Real-Time Reserve Designation MW of associated Demand Response Resources.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |

SD_FCMFPFACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPFACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| Capacity Provided | The sum of the Capacity Provided of associated Demand Response Resources |
| Actual Capacity Provided | The sum of the Actual Capacity Provided for associated Demand Response Resources |
| Demand Response Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Real-Time Reserve Designation MW | <p>The sum of the Real-Time Reserve Designation MW of all Assets mapped to the Resource.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |
| Capacity Provided | For all Assets mapped to the Resource: RT Demand Reduction x (1.0 + T & D Loss Factor) + Net Supply |
| Actual Capacity Provided | The sum of the Capacity Provided and the Real-Time Reserve Designation MW. |
| Generating Assets | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the |

SD_FCMFPACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Real-Time Reserve Designation MW | <p>The sum of the Real-Time TMSR Reserve Designation and the Real-Time TMNSR Reserve Designation and the Real-Time TMOR Reserve Designation.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |
| Energy Quantity MW | The Metered Quantity for Settlement for the five-minute trading interval. |
| Real-Time External Transaction Scheduled MW | The Real-Time External Transaction Scheduled MW |
| Asset Limited by Transmission Constraint Flag | Indicates that the asset’s Energy Quantity was capped because of a transmission constraint. |
| Adjusted Energy Quantity MW | Indicates the Energy Quantity MW adjusted because of a transmission constraint. |
| Actual Capacity Provided | <p>Real-Time Reserve Designation MW + Adjusted Energy Quantity MW + Real-Time External Transaction MW</p> <p>Null if the Asset is associated with a FCM Resource</p> |
| Non-Capacity Imports | |

SD_FCMFPACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none">• Zonal• Ten-Minute• Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Schedule ID | The identifier of the external transaction not associated with an Import Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Net Energy Delivered | <p>$\text{MAX}[\text{SUM}(\text{Import Resource Real-Time External Transaction MW}), 0]$</p> <p>If there is a system-wide Capacity Scarcity Condition, the summation includes transactions from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation includes transactions from the impacted Capacity Zone.</p> |
| Scheduled MW | The Real-Time External Transaction Scheduled MW. |
| Total Positive Scheduled MW | <p>$\text{SUM}(\text{Import Resource Real-Time External Transaction MW})$</p> <p>If there is a system-wide Capacity Scarcity Condition, the summation includes import transactions from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation includes import transactions from the impacted Capacity Zone.</p> |
| Actual Capacity Provided | $\text{Net Energy Delivered} \times \text{Scheduled MW} / \text{Total Positive Scheduled MW}$ |
| Passive Demand Response Assets | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, |

SD_FCMFPFACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPFACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| | the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Load Reduction Method | Distributed Generation, Energy Efficiency, Load Management |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Subtype | On-Peak Demand Capacity Resource or Seasonal Peak Demand Capacity Resource |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Average Hourly Load Reduction | Populate in non-peak hours for assets where the Load Reduction Method is “Energy Efficiency” |
| Net Supply | <p>For Distributed Generation passive Demand Assets only: IF Facility Net Supply > 0 for the asset’s Facility THEN MIN (DG Output, Share of Facility Net Supply based on the asset’s pro-rata share of Facility DG Output at the Facility) ELSE 0</p> |
| Load Reduction | For Distributed Generation passive Demand Assets: DG Output – Asset Share of Net Supply |
| Actual Capacity Provided | <p>For Distributed Generation passive Demand Assets: Asset Load Reduction x (1.0 + T & D Loss Factor) + Asset Share of Facility Net Supply For Demand Asset enrolled in the Load Management program: (1.0 + T & D Loss Factor) x Load Reduction from Load Management For each Demand Asset where the Load Reduction Method is “Energy Efficiency”, if the interval is in a peak hour: Load Reduction x (1.0 + T & D Loss Factor)</p> |
| External Transactions Details | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the |

SD_FCMFPACP – Forward Capacity Market Pay for Performance Actual Capacity Provided Report – Rev 3

SD_FCMFPACP _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| | short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface ID | Numerical identifier of the external Interface. |
| External Interface Name | Name of the external Interface. |
| External Node ID | The identification of the external node. |
| External Schedule ID | An identification assigned by the ISO to a scheduled external transaction. |
| Direction | The direction of the external transaction. |
| Scheduled MW | The scheduled transaction MW value. |

| SD_FCMFPACP Change Summary | Effective Date |
|--|----------------|
| Modified. In the 'Generating Resources', 'Import Resources', 'Passive DR Resources', 'Active Demand Capacity Resrcs', 'Demand Response Resources', 'Generating Assets' 'Non Capacity Imports', 'Passive Demand Response Assets', and 'External Transaction Details' sections, updated the description of 'Capacity Scarcity Condition Type' clarifying that multiple types are possible. | 03.05.2020 |
| Modified. In the 'DESCRIPTION' column, modified language for Passive Demand Response Assets to remove the word “Response”. | 01.01.2019 |
| Modified. In the 'DESCRIPTION' column, added 'Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.' for 'Real-Time Reserve Designation'. In the 'Generating Resources', 'Generating Assets' and 'Passive DR Resources' sections, updated the description for the 'Actual Capacity Provided'. In the 'Demand Response Resources' section, updated the description for the 'Capacity Provided'. | 10.04.2018 |
| New. | 06.01.2018 |

SD_FCMFPACPPRELIM – Forward Capacity Market Pay for Performance Actual Capacity Provided Preliminary Report – Rev 3

SD_FCMFPACPPRELIM _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available shortly after the publication of the reports for the hourly settlements. Reports include all the trading intervals in the month that with a Capacity Scarcity Condition and published hourly settlements reports.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Generating Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Resource Energy Quantity MW | The sum of the Energy Quantity for all Assets mapped to the Resource. |
| Resource Real-Time External Transaction MW | The sum of the Real-Time External Transaction Hourly Scheduled MW for all Assets mapped to the Resource. |
| Resource Real-Time Reserve Designation MW | <p>The sum of the Real-Time Reserve Designation MW of all Assets mapped to the Resource.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |
| Actual Capacity Provided | The sum of the Resource Real-Time Reserve Designation MW and the Resource Energy Quantity MW and the Resource Real-Time External Transaction MW |
| Import Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | A Capacity Scarcity Condition occurs when the RT Reserve Clearing |

| | |
|--|--|
| | <p>Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Net Energy Delivered | The sum of the Import Resource Real-Time External Transaction MW associated with the Participant. |
| Capacity Supply Obligation | The Resource’s Capacity Supply Obligation value. |
| Participant Capacity Supply Obligation | <p>The sum of the Resource Capacity Supply Obligation for the Participant.</p> <p>If there is a system-wide Capacity Scarcity Condition, the summation includes Resources from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation only includes Resources from the impacted Capacity Zone.</p> |
| Actual Capacity Provided | $\frac{\text{Net Energy Delivered} \times \text{Capacity Supply Obligation}}{\text{Participant Capacity Supply Obligation}}$ |
| Passive DR Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Subtype | “Seasonal Peak Demand Capacity Resource” or “On Peak Demand Capacity Resource” |

| | |
|----------------------------------|--|
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Actual Capacity Provided | The sum of the Actual Capacity Provided for associated passive demand assets. |
| Active Demand Capacity Resrcs | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Real-Time Reserve Designation MW | <p>The sum of the Resource Real-Time Reserve Designation MW of associated Demand Response Resources.</p> <p>Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.</p> |
| Capacity Provided | The sum of the Capacity Provided of associated Demand Response Resources |
| Actual Capacity Provided | The sum of the Actual Capacity Provided for associated Demand Response Resources. |
| Demand Response Resources | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total |

| | |
|----------------------------------|---|
| | Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total” |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Real-Time Reserve Designation MW | The sum of the Real-Time Reserve Designation MW of all Assets mapped to the Resource. Market Rule 1 refers to these designations as the Reserve Quantity for Settlement. |
| Capacity Provided | For all Assets mapped to the Resource: RT Demand Reduction x (1.0 + T & D Loss Factor) + Net Supply |
| Actual Capacity Provided | The sum of the Capacity Provided and the Real-Time Reserve Designation MW |
| Generating Assets | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are: <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |

| | |
|---|---|
| Real-Time Reserve Designation MW | The sum of the Real-Time TMSR Reserve Designation and the Real-Time TMNSR Reserve Designation and the Real-Time TMOR Reserve Designation. Market Rule 1 refers to these designations as the Reserve Quantity for Settlement. |
| Energy Quantity MW | The Metered Quantity for Settlement for the five-minute trading interval. |
| Real-Time External Transaction Scheduled MW | The Real-Time External Transaction Scheduled MW |
| Asset Limited by Transmission Constraint Flag | Indicates that the asset's Energy Quantity was capped because of a transmission constraint. |
| Adjusted Energy Quantity MW | Indicates the Energy Quantity MW adjusted because of a transmission constraint. |
| Actual Capacity Provided | Real-Time Reserve Designation MW + Adjusted Energy Quantity MW + Real-Time External Transaction MW Null if the Asset is associated with a FCM Resource |
| Non-Capacity Imports | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are: <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Schedule ID | The identifier of the external transaction not associated with an Import Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Net Energy Delivered | MAX[SUM(Import Resource Real-Time External Transaction MW), 0] If there is a system-wide Capacity Scarcity Condition, the summation includes transactions from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation includes transactions from the impacted Capacity Zone. |
| Scheduled MW | The Real-Time External Transaction Scheduled MW. |
| Total Positive Scheduled MW | SUM (Import Resource Real-Time External Transaction MW) If there is a system-wide Capacity Scarcity Condition, the summation includes import transactions from all Capacity Zones. If there is only a local Capacity Scarcity Condition, the summation includes import transactions from the impacted Capacity Zone. |

| | |
|----------------------------------|--|
| Actual Capacity Provided | Net Energy Delivered x Scheduled MW / Total Positive Scheduled MW |
| Passive Demand Response Assets | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Load Reduction Method | Distributed Generation, Energy Efficiency, Load Management |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Subtype | On-Peak Demand Capacity Resource or Seasonal Peak Demand Capacity Resource |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Average Hourly Load Reduction | Populate in non-peak hours for assets where the Load Reduction Method is “Energy Efficiency” |
| Net Supply | <p>For Distributed Generation passive Demand Assets only:</p> <p>IF Facility Net Supply > 0 for the asset’s Facility THEN MIN (DG Output, Share of Facility Net Supply based on the asset’s pro-rata share of Facility DG Output at the Facility) ELSE 0</p> |
| Load Reduction | For Distributed Generation passive Demand Assets: DG Output – Asset Share of Net Supply |
| Actual Capacity Provided | <p>For Distributed Generation passive Demand Assets: Asset Load Reduction x (1.0 + T & D Loss Factor) + Asset Share of Facility Net Supply</p> <p>For Demand Asset enrolled in the Load Management program: (1.0 + T & D Loss Factor) x Load Reduction from Load Management</p> <p>For each Demand Asset where the Load Reduction Method is “Energy Efficiency”, if the interval is in a peak hour: Load Reduction x (1.0 + T & D Loss Factor)</p> |
| External Transactions Details | |
| Trading Date | Date of performance for which the data is displayed. |

| | |
|----------------------------------|--|
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Requirement. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total”</p> |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface ID | Numerical identifier of the external Interface. |
| External Interface Name | Name of the external Interface. |
| External Node ID | The identification of the external node. |
| External Schedule ID | An identification assigned by the ISO to a scheduled external transaction. |
| Direction | The direction of the external transaction. |
| Scheduled MW | The scheduled transaction MW value. |

| SD_FCMFPACPPRELIM Change Summary | Effective Date |
|--|----------------|
| Modified. In the 'Generating Resources', 'Import Resources', 'Passive DR Resources', 'Active Demand Capacity Resrcs', 'Demand Response Resources', 'Generating Assets' 'Non Capacity Imports', 'Passive Demand Response Assets', and 'External Transaction Details' sections, updated the description of 'Capacity Scarcity Condition Type' clarifying that multiple types are possible. | 03.05.2020 |
| Modified. In the 'DESCRIPTION' column, modified language for Passive Demand Response Assets to remove the word “Response”. | 01.01.2019 |
| Modified. In the 'DESCRIPTION' column, added 'Market Rule 1 refers to these designations as the Reserve Quantity for Settlement.' for 'Real-Time Reserve Designation'. In the 'Generating Resources', 'Generating Assets' and 'Passive DR Resources' sections, updated the description for the 'Actual Capacity Provided'. In the 'Demand Response Resources' section, updated the description for the 'Capacity Provided'. | 10.04.2018 |
| New. | 06.01.2018 |

**SD_FCMFPFCPSBT – Forward Capacity Market Pay For Performance Capacity Performance Score
Bilateral Transactions Report – Rev 1**

SD_FCMFPFCPSBT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Contract ID | The alpha numeric unique identifier for the contract. |
| Reference ID | A customer-specified string, supplied at the time of transaction submittal, used to facilitate the customer's organization and tracking of his transaction information. |
| Transferring Entity Lead Participant ID | The numeric unique identifier for the Lead Participant of the Transferring Entity. |
| Transferring Entity Lead Participant Name | The name for the Lead Participant of the Transferring Entity. |
| Transferring Entity ID | <p>The numeric identifier shall be one of the following:</p> <ul style="list-style-type: none"> • FCM Resource • Generation Asset not associated with an Generating Resource • DRR not associated with an Active Demand Capacity Resource • External Transaction ID for a transaction that is not associated with an Import Resource <p>This column shall be blank if the Customer is not the Transferring Entity Lead Participant.</p> |
| Transferring Entity Name | The name of the Transferring Entity ID. This column shall be blank if the Customer is not the Transferring Entity Lead Participant. |
| Transferring Entity Type | <p>The Entity Type is one of the following:</p> <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction <p>This column shall be blank if the Customer is not the Transferring Entity Lead Participant.</p> |
| Transferring Entity Capacity Zone ID | The numeric identifier of the Capacity Zone for the Transferring Entity. This section shall be blank if the Customer is not the Transferring Entity Lead Participant. |
| Transferring Entity Capacity Zone Name | The name of the Capacity Zone for the Transferring Entity. This section shall be blank if the Customer is not the Transferring Entity Lead Participant. |
| Transferred MW | The amount of MW to trade designated by the Transferring Entity Lead Participant. |

**SD_FCMFPFPCPSBT – Forward Capacity Market Pay For Performance Capacity Performance Score
Bilateral Transactions Report – Rev 1**

SD_FCMFPFPCPSBT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Final MW | The final amount of Transferred MW. The Transferred MW may be adjusted if the sum of the Transferred MW for the Transferring Entity exceeds the Transferring Entity's score. |
| Receiving Entity Lead Participant ID | The numeric unique identifier for the Lead Participant of the Receiving Entity. |
| Receiving Entity Lead Participant Name | The name for the Lead Participant of the Receiving Entity. |
| Receiving Entity ID | <p>The numeric identifier shall be one of the following:</p> <ul style="list-style-type: none"> • FCM Resource • Generation Asset not associated with an Generating Resource • DRR not associated with an Active Demand Capacity Resource • External Transaction ID for a transaction that is not associated with an Import Resource <p>This column shall be blank if the Customer is not the Receiving Entity Lead Participant.</p> |
| Receiving Entity Name | The name of the Receiving Entity ID. This column shall be blank if the Customer is not the Transferring Entity Lead Participant. |
| Receiving Entity Type | <p>The Entity Type is one of the following:</p> <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction <p>This column shall be blank if the Customer is not the Receiving Entity Lead Participant.</p> |
| Receiving Entity Capacity Zone ID | The numeric identifier of the Capacity Zone for the Receiving Entity. This section shall be blank if the Customer is not the Receiving Entity Lead Participant. |
| Receiving Entity Capacity Zone Name | The name of the Capacity Zone for the Receiving Entity. This section shall be blank if the Customer is not the Receiving Entity Lead Participant. |

| SD_FCMFPFPCPSBT Change Summary | Effective Date |
|---|----------------|
| Modified. In the 'DESCRIPTION' column, removed references to Passive Demand Response Assets. | 01.01.2019 |
| New. This report will be released no earlier than June 1, 2018. | 06.01.2018 |

SD_FCMFPRESPYMT – Forward Capacity Market Pay for Performance Resource Payments Report – Rev 1

SD_FCMFPRESPYMT _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Interval | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Constraint Penalty Factor. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has both Condition Types, the Minimum Total is reported as the Condition Type.</p> |
| Entity ID | Numerical identifier for the Entity. |
| Entity Name | Name of the Entity. |
| Entity Type | <p>The Entity Type is one of the following:</p> <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Entity is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Entity is interconnected for the Forward Capacity Market. |
| Net Performance Score | Preliminary Capacity Performance Score + Bilateral Contract Performance Score |
| Interval Capacity Performance Payment Rate | Capacity Performance Payment Rate / 12 |
| Capacity Performance Payment | Net Performance Score x Interval Capacity Performance Payment Rate |
| Stop-Loss Interval Capacity Performance Payment | MIN (Capacity Performance Score + Final Performance Score Bilateral Contract MW, Stop-Loss Maximum Capacity Performance Score) x Interval Capacity Performance Payment Rate/12 |
| Month | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |

SD_FCMPFPRESPYMT – Forward Capacity Market Pay for Performance Resource Payments Report – Rev 1

SD_FCMPFPRESPYMT _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount Name | The name of the subaccount. |
| Entity ID | Numerical identifier for the Entity. |
| Entity Name | Name of the Entity. |
| Entity Type | The Entity Type is one of the following: <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Entity is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Entity is interconnected for the Forward Capacity Market. |
| Capacity Performance Payment | Net Performance Score x Interval Capacity Performance Payment Rate |
| Stop-Loss Capacity Performance Payment | Sum of the Stop-Loss Interval Capacity Performance Payment for all Trading Intervals in the month. |
| Amount not Charged due to Monthly Stop-Loss | $\text{MIN}[0, (\text{Stop-Loss Capacity Performance Payment} - \text{Monthly Stop-Loss})] \times (-1)$ |
| Amount not Charged due to Annual Stop-Loss | $\text{MIN}[0, (\text{Preliminary Stop-Loss Annual Capacity Performance Payment} - \text{Annual Stop-Loss})] \times (-1)$ |
| Initial Amount not Charged due to Stop-Loss | $\text{MAX}[\text{Amount not Charged due to Monthly Stop-Loss}, \text{Amount not Charged due to Annual Stop-Loss}]$ |
| Preliminary Stop-Loss Annual Capacity Performance Payment | $(\text{Stop-Loss Capacity Performance Payment} + \text{The sum of Stop-Loss Annual Capacity Performance Payment from prior months in CCP}) + \text{Amount not charged due to Monthly Stop-Loss}$ |
| Balancing Fund | $(\text{The sum of Capacity Performance Payment and the MAX[Amount not Charged due to Monthly Stop-Loss}, \text{Amount not Charged due to Annual Stop-Loss}] \text{ for all participants}) \times -1.$ |
| Resource Share of Balancing Fund | The Resource Share of Balancing Fund is based on the Resource's pro-rata of the system CSO. If the Resource reaches its Annual or Monthly Stop-Loss, the Resource's Participant Share of Balancing Fund may be allocated to other Resources. |
| Final Amount not Charged due to Stop-Loss | $\text{MAX}[0, (\text{Initial Amount not Charged due to Stop-Loss} - \text{Participant Share of Balancing Fund})]$ |
| Final Capacity Performance Payment | $\text{Capacity Performance Payment} + \text{Resource Share of Balancing Fund} + \text{Final Amount not Charged due to Stop-Loss}$ |
| Final Stop-Loss Annual Capacity Performance Payment | $(\text{Final Stop-Loss Annual Capacity Performance Payment from prior settlement months} + \text{Stop-Loss Capacity Performance Payment} + \text{Final Amount not Charged due to Stop-Loss} + \text{Resource Share of Final Balancing Fund})$ |
| Annual Stop-Loss | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is |

SD_FCMFPRESPYMT – Forward Capacity Market Pay for Performance Resource Payments Report – Rev 1

SD_FCMFPRESPYMT _<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Maximum Capacity Supply Obligation in the CCP | The highest Resource Capacity Supply Obligation for any month in the Capacity Commitment Period from the start of the period to the settlement month |
| Capacity Zone Annual Stop-Loss Rate | 3 x (Capacity Clearing Price - FCA Starting Price) – 12 x (Capacity Clearing Price) |
| Annual Stop-Loss | Maximum Capacity Supply Obligation x Capacity Zone Annual Stop Loss Rate x 1000 |
| Cumulative Stop-Loss Annual Capacity Performance Payment | The Stop-Loss Annual Capacity Performance Payment from the prior month in the Capacity Commitment Period. If the month is June, there is no prior month. |
| Monthly Stop-Loss | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Forward Capacity Auction Capacity Supply Obligation | SUM (Capacity Supply Obligation obtained in a Forward Capacity Auction, excluding MRECO obtained prior to FCA 9) + SUM (Capacity Supply Obligation including only MRECO obtained after FCA 9) |
| Monthly Stop-Loss | Preliminary Monthly Stop-Loss + MRECO Monthly Stop-Loss |

| SD_FCMFPRESPYMT Change Summary | Effective Date |
|--|-----------------------|
| Modified. In 'Interval' section, updated descriptions for 'Capacity Scarcity Condition Type' and 'Stop-Loss Interval Capacity Performance Payment'. In the 'Month' section, updated the descriptions for 'Preliminary Stop-Loss Annual Capacity Performance Payment', 'Balancing Fund' and 'Final Stop-Loss Annual Capacity Performance Payment'. In 'Annual Stop-Loss' section, updated descriptions for 'Capacity Zone Annual Stop-Loss Rate' and 'Annual Stop-Loss'. In 'Monthly Stop-Loss' section, updated the descriptions for 'Forward Capacity Auction Capacity Supply Obligation' and 'Monthly Stop-Loss'. | 07.09.2018 |
| New. | 06.01.2018 |

SD_FCMFPRESPYMTSUB – Forward Capacity Market Pay for Performance Resource Payments**Subaccount – Rev 0**

SD_FCMFPRESPYMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSVDate:

mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Entity ID | Entity ID |
| Entity Name | Entity Name |
| Entity Type | The Entity Type is one of the following: <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Performance Payment | Net Performance Score x Interval Capacity Performance Payment Rate. |
| Stop-Loss Capacity Performance Payment | Sum of the Stop-Loss Interval Capacity Performance Payment for all Trading Intervals in the month. |
| Amount not Charged due to Monthly Stop-Loss | $\text{MIN}[0, (\text{Stop-Loss Capacity Performance Payment} - \text{Monthly Stop-Loss})] \times (-1)$ |
| Amount not Charged due to Annual Stop-Loss | $\text{MIN}[0, (\text{Preliminary Stop-Loss Annual Capacity Performance Payment} - \text{Annual Stop-Loss})] \times (-1)$ |
| Initial Amount not Charged due to Stop-Loss | $\text{MAX}[\text{Amount not Charged due to Monthly Stop-Loss}, \text{Amount not Charged due to Annual Stop-Loss}]$ |
| Preliminary Stop-Loss Annual Capacity Performance Payment | $(\text{Stop-Loss Capacity Performance Payment} + \text{The sum of Stop-Loss Annual Capacity Performance Payment from prior months in CCP}) + \text{Amount not charged due to Monthly Stop-Loss}$ |
| Balancing Fund | $(\text{The sum of Capacity Performance Payment and the MAX[Amount not Charged due to Monthly Stop-Loss, Amount not Charged due to Annual Stop-Loss] for all participants}) \times (-1)$ |
| Resource Share of Balancing Fund | The Resource Share of Balancing Fund is based on the Resource's pro-rata of the system CSO. If the Resource reaches its Annual or Monthly Stop-Loss, the Resource's Participant Share of Balancing Fund may be allocated to other Resources. |
| Final Amount not Charged due to Stop-Loss | $\text{MAX}[0, (\text{Initial Amount not Charged due to Stop-Loss} - \text{Participant Share of Balancing Fund})]$ |
| Final Capacity Performance Payment | Capacity Performance Payment + Resource Share of Balancing Fund + Final Amount not Charged due to Stop-Loss |
| Final Stop-Loss Annual Capacity Performance Payment | $(\text{Final Stop-Loss Annual Capacity Performance Payment from prior settlement months} + \text{Stop-Loss Capacity Performance Payment} + \text{Final Amount not Charged due to Stop-Loss} + \text{Resource Share of Final Balancing Fund})$ |

| SD_FCMFPRESPYMTSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

SD_FCMFPSCORE – Forward Capacity Market Pay for Performance Capacity Performance Score Report – Rev 3

SD_FCMFPSCORE _<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|---|
| Control Area | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Constraint Penalty Factor. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal and Minimum total” or “Zonal, Minimum Total, and Ten-Minute”</p> |
| Actual Capacity Provided | <p>SUM (Actual Capacity Provided) + SUM (Net Energy Delivered in System) – SUM (Real-Time TMOR Reserve Designation*)</p> <p>* Only applies if there are Ten-Minute CSC and Zonal CSC in any Capacity Zone, but not a Minimum Total CSC</p> |
| Real-Time Reserve Designation | <p>SUM (Resource Real-Time Reserve Designation) – SUM (Resource TMOR Reserve Designation*)</p> <p>* Only applies if there are Ten-Minute CSC and Zonal CSC in any Capacity Zone, but not a Minimum Total CSC</p> |
| Load | Actual Capacity Provided - Real-Time Reserve Designation |
| Reserve Requirement | <p>If the Capacity Scarcity Condition Type is Minimum Total, the Reserve Requirement is the Total 30-min Reserve Requirement, which is the combined amount of TMSR, TMNSR, and TMOR required system-wide. Otherwise, it is the Total 10-min Reserve Requirement which is the combined amount of TMSR and TMNSR required system-wide.</p> |
| Capacity Supply Obligation | The MW value of capacity acquired in the Control Area |
| Balancing Ratio | (Load + Reserve Requirement) / Capacity Supply Obligation |
| Capacity Zones | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |

SD_FCMFPSCORE – Forward Capacity Market Pay for Performance Capacity Performance Score Report – Rev 3

SD_FCMFPSCORE _<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|---|
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Scarcity Condition Type | <p>A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Constraint Penalty Factor. The possible values are:</p> <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total <p>Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal and Minimum total” or “Zonal, Minimum Total, and Ten-Minute”</p> |
| Actual Capacity Provided | The sum of the Actual Capacity Provided in the Capacity Zone. |
| Real-Time Reserve Designation | Sum of all Resource Real-Time Reserve Designation MW for the Capacity Zone. |
| Load | Actual Capacity Provided - Real-Time Reserve Designation |
| External Reserve Support | The Reserves from other Reserve Zones that is used to satisfy the Reserve Requirement of the Reserve Zone associated with the Capacity Zone. |
| Reserve Requirement | TMOR Requirement, (combined amount of TMSR, TMNSR, and TMOR required in the Reserve Zones associated with the Capacity Zone) - External Reserve Support MW |
| Capacity Supply Obligation | The MW value of capacity acquired in the Capacity Zone |
| Balancing Ratio | (Load + MAX (Reserve Requirement, Reserve Designations)) / Capacity Supply Obligation |
| Final Balancing Ratio | The greater of the Balancing Ratio for the Control Area and the Balancing for the Capacity Zone. If the Control Area does not have a Balancing Ratio, the Balancing Ratio of the Capacity Zone prevails. |
| Entities | |
| Trading Date | Date of performance for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Entity ID | Numerical identifier for the entity. |
| Entity Name | Name of the entity. |
| Entity Type | <p>The Entity Type is one of the following:</p> <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource |

SD_FCMFPSCORE – Forward Capacity Market Pay for Performance Capacity Performance Score Report – Rev 3

SD_FCMFPSCORE _<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement report available to Forward Capacity Market Customers shortly after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | <ul style="list-style-type: none"> • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the entity is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the entity is interconnected for the Forward Capacity Market. |
| Actual Capacity Provided | The Actual Capacity Provided of the entity. |
| Capacity Supply Obligation | The MW value of the Resource’s obligation to provide capacity acquired through the Forward Capacity Market. |
| Balancing Ratio | The Balancing Ratio in the Capacity Zone. If there is not a Capacity Scarcity Condition with the Condition Type as “Zonal,” the Balancing Ratio in the Control Area prevails. |
| Energy Efficiency Exempt Capacity Supply Obligation | When the Capacity Scarcity Condition interval is during a non peak hour, Energy Efficiency CSO for an On-Peak or Seasonal Peak Demand Capacity Resource that is composed of both Energy Efficiency and other types of passive assets. |
| Preliminary Capacity Performance Score | Actual Capacity Provided – (Capacity Supply Obligation - Energy Efficiency Exempt Capacity Supply Obligation) x Balancing Ratio) |
| Bilateral Contract Performance Score | Sum of the Final MW for all Pay for Performance Bilateral Contracts. |
| Net Performance Score | Preliminary Capacity Performance Score + Bilateral Contract Performance Score |

| SD_FCMFPSCORE Change Summary | Effective Date |
|---|----------------|
| Modified. In the “Control Area” and “Capacity Zone” sections, updated the description of ‘Capacity Scarcity Condition Type’ clarifying that multiple types are possible. | 03.05.2020 |
| Modified. In the ‘Control Area’ section, updated the description for the ‘Reserve Requirement’. In the ‘Capacity Zones’ section, updated the description for the ‘Actual Capacity Provided’ and ‘Reserve Requirement’. In the ‘Entities’ section, updated the description for the ‘Energy Efficiency Exempt Capacity Supply Obligation’. | 10.04.2018 |
| Modified. In the ‘Control Area’ section, updated the descriptions for ‘Capacity Scarcity Condition Type’, ‘Actual Capacity Provided’ and ‘Real-Time Reserve Designation’. In the ‘Capacity Zones’ section, updated the descriptions for ‘Capacity Scarcity Condition Type’ and ‘Balancing Ratio’. | 07.09.2018 |
| New. | 06.01.2018 |

| SD_FCMPFPSCOREPRELIM – Forward Capacity Market Pay for Performance Capacity Performance Score Preliminary Report – Rev 3 SD_FCMPFPSCOREPRELIM _<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Available shortly after the publication of the reports for the hourly settlements. Reports include all the trading intervals in the month with a Capacity Scarcity Condition and published hourly settlements reports. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Control Area | |
| Trading Date | Date of performance (local day) for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Scarcity Condition Type | A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Constraint Penalty Factor. The possible values are: <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total” |
| Actual Capacity Provided | SUM (Actual Capacity Provided) + SUM (Net Energy Delivered in System) – SUM (Real-Time TMOR Reserve Designation*) * Only applies if there are Ten-Minute CSC and Zonal CSC in any Capacity Zone, but not a Minimum Total CSC |
| Real-Time Reserve Designation | SUM (Resource Real-Time Reserve Designation) – SUM (Resource TMOR Reserve Designation*) * Only applies if there are Ten-Minute CSC and Zonal CSC in any Capacity Zone, but not a Minimum Total CSC |
| Load | Actual Capacity Provided - Real-Time Reserve Designation |
| Reserve Requirement | If the Capacity Scarcity Condition Type is Minimum Total, the Reserve Requirement is the Total 30-min Reserve Requirement, which is the combined amount of TMSR, TMNSR, and TMOR required system-wide. Otherwise, it is the Total 10-min Reserve Requirement which is the combined amount of TMSR and TMNSR required system-wide. |
| Capacity Supply Obligation | The MW value of capacity acquired in the Control Area |
| Balancing Ratio | (Load + Reserve Requirement) / Capacity Supply Obligation |
| Capacity Zones | |
| Trading Date | Date of performance (local day) for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the |

| SD_FCMPFPSCOREPRELIM – Forward Capacity Market Pay for Performance Capacity Performance Score Preliminary Report – Rev 3 SD_FCMPFPSCOREPRELIM _<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Available shortly after the publication of the reports for the hourly settlements. Reports include all the trading intervals in the month with a Capacity Scarcity Condition and published hourly settlements reports. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| | short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Scarcity Condition Type | A Capacity Scarcity Condition occurs when the RT Reserve Clearing Price is set based on the Reserve Constraint Penalty Factor. The possible values are: <ul style="list-style-type: none"> • Zonal • Ten-Minute • Minimum Total Note: There can be more than one Condition Type during an interval. If the interval has multiple Condition Types, each applicable type is reported as the Condition Type. For example, “Zonal, Minimum Total” or “Zonal, Ten-Minute, Minimum Total” |
| Actual Capacity Provided | The sum of the Actual Capacity Provided in the Capacity Zone. |
| Real-Time Reserve Designation | Sum of all Resource Real-Time Reserve Designation MW for the Capacity Zone. |
| Load | Actual Capacity Provided - Real-Time Reserve Designation |
| External Reserve Support | The Reserves from other Reserve Zones that is used to satisfy the Reserve Requirement of the Reserve Zone associated with the Capacity Zone. |
| Reserve Requirement | TMOR Requirement (combined amount of TMSR, TMNSR, and TMOR required in the Reserve Zones associated with the Capacity Zone) - External Reserve Support MW |
| Capacity Supply Obligation | The MW value of capacity acquired in the Capacity Zone |
| Balancing Ratio | $(\text{Load} + \text{Max}(\text{Reserves Requirement}, \text{Reserve Designation})) / \text{Capacity Supply Obligation}$ |
| Final Balancing Ratio | The greater of the Balancing Ratio for the Control Area and the Balancing for the Capacity Zone. If the Control Area does not have a Balancing Ratio, the Balancing Ratio of the Capacity Zone prevails. |
| Entities | |
| Trading Date | Date of performance (local day) for which the data is displayed. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the |

| SD_FCMFPSCOREPRELIM – Forward Capacity Market Pay for Performance Capacity Performance Score Preliminary Report – Rev 3 SD_FCMFPSCOREPRELIM _<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Available shortly after the publication of the reports for the hourly settlements. Reports include all the trading intervals in the month with a Capacity Scarcity Condition and published hourly settlements reports. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Entity ID | Numerical identifier for the entity. |
| Entity Name | Name of the entity. |
| Entity Type | The Entity Type is one of the following: <ul style="list-style-type: none"> • Generating Capacity Resource • Import Capacity Resource • On-Peak Demand Capacity Resource • Seasonal Peak Demand Capacity Resource • Active Demand Capacity Resource • Generating Asset • Demand Response Resource • Import External Transaction |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the entity is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the entity is interconnected for the Forward Capacity Market. |
| Actual Capacity Provided | The Actual Capacity Provided by the entity. |
| Capacity Supply Obligation | The MW value of the Resource’s obligation to provide capacity acquired through the Forward Capacity Market. |
| Balancing Ratio | The Balancing Ratio in the Capacity Zone. If there is not a Capacity Scarcity Condition with the Condition Type as “Zonal,” the Balancing Ratio in the Control Area prevails. |
| Energy Efficiency Exempt Capacity Supply Obligation | When the Capacity Scarcity Condition interval is during a non peak hour, Energy Efficiency CSO for an On-Peak or Seasonal Peak Demand Capacity Resource that is composed of both Energy Efficiency and other types of passive assets. |
| Preliminary Capacity Performance Score | Actual Capacity Provided – (Capacity Supply Obligation - Energy Efficiency Exempt Capacity Supply Obligation) x Balancing Ratio) |

| SD_FCMFPSCOREPRELIM Change Summary | Effective Date |
|---|----------------|
| Modified. In the ‘Control Area’ and ‘Entities’ sections, updated the description of ‘Capacity Scarcity Condition Type’ clarifying that multiple types are possible. | 03.05.2020 |
| Modified. In the ‘Control Area’ section, updated the description for the ‘Reserve Requirement’. In the ‘Capacity Zones’ section, updated the description for the ‘Actual Capacity Provided’ and ‘Reserve Requirement’. In the ‘Entities’ section, updated the description for the ‘Energy Efficiency Exempt Capacity Supply Obligation’. | 10.04.2018 |

| | |
|--|------------|
| Modified. In the 'Control Area' section, updated descriptions for 'Capacity Scarcity Condition Type', 'Actual Capacity Provided' and 'Real-Time Reserve Designation'. In the 'Capacity Zones' section, updated descriptions for 'Capacity Scarcity Condition Type' and 'Balancing Ratio'. | 07.09.2018 |
| New. | 06.01.2018 |

SD_FCMPERFORMSTLDTL – Forward Capacity Market Performance Settlement Detail Report – RETIRED

SD_FCMPERFORMSTLDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Active Resource Hourly Data | |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Demand Resource ID | Numerical identifier for the Demand Resource. |
| Demand Resource Name | Name of the Demand Resource. |
| Demand Resource Type | Name of the type for which the Demand Resource was qualified. Appropriate values are: <ul style="list-style-type: none"> RT Demand Response RT Emergency Generation |
| Capacity Zone ID | Capacity Zone identification number the Demand Resource is located in. |
| Capacity Zone Name | Name of the Capacity Zone the Demand Resource is located in. |
| Dispatch Location ID | Dispatch location identification number the Demand Resource is located in, which can be either Dispatch Zone or Load Zone. For the 2010/2011 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Load Zone level. For the 2011/2012 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Dispatch Zone level. |
| Dispatch Location Name | Name of the dispatch location the Demand Resource is located in, which can be either Dispatch Zone or Load Zone. |
| Demand Resource Capacity Supply Obligation | The MW value of the Demand Resource's total obligation to provide capacity to satisfy a portion of the Installed Capacity Requirement acquired through the Forward Capacity Auction, Reconfiguration Auction or Capacity Supply Obligation Bilateral. |
| Demand Resource Hourly Interrupted MW | The Demand Resource's hourly total load reduction, for each integrated dispatch hour for the specified trading date and interval. |
| Demand Resource H/E Dispatch MW | The Demand Resource's total integrated dispatch MW, for each integrated dispatch hour for the specified trading date and interval. |
| Demand Resource Hourly Dispatch Deviation | The Demand Resource's dispatch deviation MW for the specified trading date and interval, can be positive or negative: Hourly Load Reduction or Output – H/E Dispatch |
| Demand Resource Prorated Positive Dispatch Deviation | The Demand Resource's positive dispatch deviation MW after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Demand Resource Performance Value | The Demand Resource's MW of performance during a dispatch hour in the specified trading date and interval. |

SD_FCMPERFORMSTLDTL – Forward Capacity Market Performance Settlement Detail Report – RETIRED

SD_FCMPERFORMSTLDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Active Asset Hourly Data | |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Active Asset ID | Numerical identifier for the Demand Asset. |
| Active Asset Name | Name of the Demand Asset. |
| Active Asset Metering Configuration | The metering configuration for the Demand Asset, chosen during the Demand Asset registration process. |
| Demand Resource ID | Numerical identifier for the Demand Resource the Demand Asset is associated with. |
| Active Asset Capacity Zone ID | Capacity Zone Identification Number the Demand Asset is located in. |
| Active Asset Capacity Zone Name | Name of the Capacity Zone the Demand Asset is located in. |
| Active Asset Dispatch Location ID | Dispatch location identification number the Demand Asset is located in, which can be either Dispatch Zone or Load Zone. For the 2010/2011 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Load Zone level. For the 2011/2012 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Dispatch Zone level. |
| Active Asset Dispatch Location Name | Name of the dispatch location the Demand Asset is located in, which can be either Dispatch Zone or Load Zone. |
| Active Asset Unadjusted Hourly Integrated Baseline | The Demand Asset's calculated baseline for the specified trading date and interval prior to adjustment. |
| Active Asset Adjusted Hourly Integrated Baseline | The Demand Asset's calculated baseline for the specified trading date and interval after adjustment if required. |
| Active Asset Baseline Type | A name specifying the load values used to calculate the Demand Asset's baseline. The valid types are: <ul style="list-style-type: none"> FML (Facility Metered Load) TFL (Total Facility Load) |
| Active Asset Hourly Interrupted MW | The Demand Asset's hourly total load reduction, for each integrated dispatch hour for the specified trading date and interval. |
| Dispatch Segments | |

SD_FCMPERFORMSTLDTL – Forward Capacity Market Performance Settlement Detail Report – RETIRED

SD_FCMPERFORMSTLDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Demand Resource ID | Numerical identifier for the Demand Resource. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Dispatch Segment Begin Time | The begin time of a dispatch instruction which is either the first non-zero instruction for the operating day or dispatch instruction where the MW level of dispatch is a change from the prior dispatch instruction. <ul style="list-style-type: none"> MAX of the Dispatch Instruction Begin Time or the Hour Begin |
| Dispatch Segment End Time | The time that ends a dispatch instruction of a specified MW level of dispatch. <ul style="list-style-type: none"> MIN of the Dispatch Instruction End Time or the Hour End |
| Dispatch Segment Minutes | The total minutes of a dispatch segment. <ul style="list-style-type: none"> Dispatch Segment End Time – Dispatch Segment Begin Time |
| Dispatch Segment Dispatch MW | The MW from the dispatch instruction which is associated to the segment begin and end time |
| Integrated Segment Dispatch MW | The MW from the dispatch instruction time weighted for the dispatch segment. <ul style="list-style-type: none"> Dispatch Segment MW * Dispatch Segment Minutes/60 |
| Passive Asset Monthly Data | |
| Asset ID | Numerical identifier for the Demand Asset. |
| Asset Name | Name of the Demand Asset. |
| Asset Metering Configuration | The metering configuration for the Demand Asset, chosen during the Demand Asset registration process. |
| Demand Resource ID | Numerical identifier for the Demand Resource the Demand Asset is associated with. |
| Demand Resource Name | Name of the Demand Resource. |
| Demand Resource Type | Name of the type that for which the Demand Resource was qualified. Appropriate values are: <ul style="list-style-type: none"> On-Peak Seasonal Peak |
| Asset Capacity Zone ID | Capacity Zone identification number the Demand Asset is located in. |
| Asset Capacity Zone Name | Name of the Capacity Zone the Demand Asset is located in. |
| Asset Load Zone ID | Load Zone identification number in which the Demand Asset is located. |
| Asset Load Zone Name | Name of the Load Zone in which the Demand Asset is located. |
| Asset Total Month Facility Metered Load | Submitted or calculated actual total month load MW for the Demand Asset coincident with the performance hours in the month. |
| Asset Total Month Distributed Generation Output | Submitted or calculated actual total month output MW for the Demand Asset coincident with the performance hours in the month. |

SD_FCMPERFORMSTLDTL – Forward Capacity Market Performance Settlement Detail Report – RETIRED

SD_FCMPERFORMSTLDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|--|
| Asset Average Hourly Load | The Demand Asset's monthly average hourly load coincident with the performance hours in the month. |
| Asset Average Hourly Output | The Demand Asset's monthly average hourly output from a Demand Asset's Distributed Generator coincident with the performance hours in the month. |
| Facility Data | |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the Demand Asset. |
| Asset Name | Name of the Demand Asset. |
| Facility ID | Numerical identifier for the facility at which the Demand Asset is located. |
| Hourly Asset Output | The Demand Asset's hourly output from a Demand Asset's Distributed Generator as reported. |
| Hourly Total Facility Output | The total output for the facility in specified hour the Demand Asset is located at which includes all Distributed Generators located at the facility. |
| Total Facility Load | An ISO calculated value, which is the total load for the facility at which the Demand Asset is located, calculated from data submitted through normal reporting requirements. |
| Hourly Asset Facility Metered Load | An ISO calculated value which is the Demand Asset's total facility load plus the hourly total facility output. |
| Hourly Facility Non-DRV Output | An ISO calculated value which is the MAX of all Demand Assets' hourly facility metered load at the same facility. |
| Hourly Asset Non-DRV Output | An ISO calculated value which is the Demand Asset output / total facility output * hourly facility non-DRV output. |
| Asset Non-DRV Output | The MW portion of the Demand Asset's monthly average hourly output that exceeds its monthly average hourly load |
| Hourly Locational Dispatch Deviations | |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Dispatch Location ID | Dispatch location identification number the Demand Resource is located in, which can be either Dispatch Zone or Load Zone. For the 2010/2011 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Load Zone level. |

SD_FCMPERFORMSTLDTL – Forward Capacity Market Performance Settlement Detail Report – RETIRED

SD_FCMPERFORMSTLDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|------------------------------|--|
| | For the 2011/2012 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Dispatch Zone level. |
| Dispatch Location Name | Name of the dispatch location the Demand Resource is located in. |
| Negative Dispatch Deviations | The total negative dispatch deviations for the month in the specified dispatch location. |
| Positive Dispatch Deviations | The total positive dispatch deviations for the month in the specified dispatch location. |

| SD_FCMPERFORMSTLDTL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. No change to report description. The label of units was modified from MWh to MW on the template and sample files in the “Passive Asset Monthly Data” section, columns “Asset Average Hourly Load” and “Asset Average Hourly Output”. | 06.01.2016 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Active Resource Hourly Data” section. | 08.01.2015 |
| Modified. New section "Hourly Locational Dispatch Deviations" will appear with the initial settlement of September 2010 (report released in October prior to monthly services bill) and all resettlements as of June 2010. | 09.01.2010 |
| New. | 06.01.2010 |

SD_FCMPCREAVAIL – Forward Capacity Market Preliminary Availability – *RETIRED*

SD_FCMPCREAVAIL _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced for each day in which a Shortage Event has occurred. It shall be available no later than 5 business days after a Shortage Event has occurred.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Shortage Event | |
| Shortage Event Date | Calendar date on which the Shortage Event occurred. |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Shortage Event Status | Status of the Shortage Event. Status may be: <ul style="list-style-type: none">• PRELIM• FINAL |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| Shortage Event Type | Type of Shortage Event. Valid types may be: <ul style="list-style-type: none">• RESERVE SHORTAGE• OP4 ACTION6• OP4 ACTION11• OP4 ACTION12• OP4 ACTION13• OP7 <p>OP4 and OP7 Shortage Event types will only be a valid type when an import-constrained zone has been established in the Forward Capacity Auction for the Capacity Commitment Period.</p> |
| Shortage Event Begin | Begin timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is MM/DD/YY HH:MM |
| Shortage Event End | End timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is MM/DD/YY HH:MM |
| Shortage Event Hours | Number of hours included in the Shortage Event. |
| Shortage Event Cumulative Minutes | For a discrete Shortage Event, the total Shortage Event minutes from all Shortage Event hours associated to the event. |
| Preliminary Shortage Event Penalty Factor | The Penalty Factor is .05 for Shortage Events of 5 hours or less. This value is increased by .01 for each hour above 5 hours. |
| Resource Shortage Event | |
| Shortage Event Date | Calendar date on which the Shortage Event occurred. |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |

SD_FCMPCREAVAIL – Forward Capacity Market Preliminary Availability – *RETIRED*

SD_FCMPCREAVAIL _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced for each day in which a Shortage Event has occurred. It shall be available no later than 5 business days after a Shortage Event has occurred.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| External Interface Name | The name of the External Interface. |
| Preliminary Shortage Event Availability Score | <p>The total of, for all Shortage Event Hours associated to the Shortage Event: The hourly availability score multiplied by the number of minutes in the Shortage Event hour, divided by the Shortage Event Cumulative Minutes.</p> <p>This score does not include the impact of any Supplemental Availability Bilateral transactions or Eligible Exempt Outages.</p> |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Trading Interval Shortage Minutes | The difference, in minutes, between the Shortage Event Begin and Shortage Event End. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. |
| Capacity Network Resource Capability | The Resource's Capacity Network Resource Capability. |
| Commercial Operation Status | <p>The Commercial Operation Status for the Resource. Appropriate values are:</p> <ul style="list-style-type: none">• ACTIVE• INACTIVE |
| Resource External Transaction Sale MW | The sum of all External Transaction Sales in the Energy Market associated to the Resource. |
| Resource Hourly Available MW | The Resource MW available during the trading interval. |
| Preliminary Hourly Availability Score | The Resource Availability Score, not including the impacts of Supplemental Availability Bilateral transactions or Eligible Exempt Outages. This value is calculated as the minimum of 100%, or the Resource Hourly Available MW divided by the Capacity Supply Obligation. |
| Designated Supplemental MW | The MW value designated as Supplemental Availability for the trading interval. |

| SD_FCMPPREAVAIL – Forward Capacity Market Preliminary Availability – <i>RETIRED</i> SD_FCMPPREAVAIL _<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced for each day in which a Shortage Event has occurred. It shall be available no later than 5 business days after a Shortage Event has occurred. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Available to Supplement | The difference between the total Asset Available to Supplement amount for all assets associated to the Resource and the Capacity Supply Obligation. This value shall be zero or greater. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Generation Asset Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Resource ID | Numerical identifier for the Resource. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset |
| Asset Type | Specified Asset type such as; <ul style="list-style-type: none"> • GENERATOR • LOAD |
| Cold Notification Time | The notice, in hours, required for a cold start of the asset. |
| Cold Start-Up Time | The time, in hours, required for cold start-up of a particular unit . |
| Cold Start-Up Exempt Flag | A flag indicating that the asset may be exempt from the Shortage Event penalty, based on a cold notification plus cold start-up time greater than or equal to 12 hours (16 hours, during the first five Capacity Commitment Periods for resources with notification plus start-up times greater than 12 hours as of June 16, 2006). |
| Denied Self-Schedule Flag | A flag indicating that the asset was denied a self-schedule request by the ISO. |
| Performance Eco Max | The Eco Max value, in MW, adjusted in Real-Time for a performance related reason. |
| TMNSR Designation | The MW value designated by the real-time dispatch to supply TMNSR. |
| TMOR Designation | The MW value designated by the real-time dispatch to supply TMOR. |
| External Transaction Sales | The External Transaction Sales in the Energy Market for the asset. |
| Revenue Quality Metering | A generator's actual metered output for an hour. |
| Asset Competitive Offer MW | The MW value of offers for off-line assets that have been competitively offered for the trading interval. |

| SD_FCMPREAVAIL – Forward Capacity Market Preliminary Availability – <i>RETIRED</i> | |
|--|---|
| SD_FCMPREAVAIL _<market service>_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: The report shall be produced for each day in which a Shortage Event has occurred. It shall be available no later than 5 business days after a Shortage Event has occurred. | |
| REPORT COLUMN | DESCRIPTION |
| Calculated Preliminary Asset Hourly Available MW | The Resource MW available during the trading interval. This value does not include the impact of any Supplemental Availability Bilateral transactions or Eligible Exempt Outages. |
| Asset Hourly Override Description | Description providing a reason for an adjustment to the Preliminary Asset Hourly Available MW. |
| Preliminary Asset Hourly Available MW | The Calculated Preliminary Asset Hourly Available MW adjusted for any overrides. |
| Asset Available to Supplement | For non-intermittent, non-Settlement Only Generating assets, the Available MW amount if the unit is on-line, or the sum of the Real-Time Designations for TMNSR and TMOR if the unit is off-line. |
| Import Contracts Hourly | |
| Shortage Event ID | Numerical identifier for the Shortage Event. |
| Trading Date | Calendar date on which the trading interval occurred. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Resource ID | Numerical identifier for the Resource. |
| External Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. NULL for asset backed Coordinated Transaction Scheduling (CTS) Resource. |
| Resource Offered MW | The MW offered in an External Transaction by the Import Resource. NULL for asset backed CTS Resource. |
| Resource Requested MW | The MW requested in an External Transaction for the Import Resource. NULL for asset backed CTS Resource. |
| Resource Delivered MW | The MW delivered in an External Transaction by the Import Resource. NULL for asset backed CTS Resource. |
| Calculated Resource Hourly Available MW | The Import Resource MW available during the trading interval. This value does not include the impact of any Eligible Exempt Outages. |
| Override Description | Description providing a reason for the adjustment to the Calculated Resource Hourly Available MW. |
| Resource Hourly Available MW | The Calculated Resource Hourly Available MW adjusted for any overrides. |

| SD_FCMPREAVAIL Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. In the “Import Contracts Hourly” section, updated description of “External Schedule ID”; changed the following column headings: from “External Transaction Offered MW” to “Resource Offered MW”, from “External Transaction Requested MW” to “Resource Requested MW”, from “External Transaction Delivered MW” to “Resource Delivered MW”, from “Calculated External Transaction Hourly Available MW” to “Calculated Resource Hourly Available MW”, from “External Transaction Hourly Available MW” to “Resource Hourly Available MW”. With the exception of “Calculated Resource Hourly Available MW”, the description of these columns was also updated. | 12.15.2015 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource | 08.01.2015 |

| | |
|--|------------|
| Hourly” and “Resource Shortage Event” sections. | |
| New. This report will be published only if there is a shortage event declared in an obligation month. | 06.01.2010 |

| SD_FCMPRECAPREQ – Forward Capacity Market Preliminary Capacity Requirement – Rev 3 SD_FCMPRECAPREQ_<market service>_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced on a monthly basis prior to the start of the obligation month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Capacity Supply Obligation | The MW value of capacity acquired in the Control Area through the Forward Capacity Market including Real-Time Emergency Generation capacity capped by the Real-Time Emergency Generation capacity limit. |
| Pool HQICC | The total MW value of the Hydro-Quebec Interconnection Capability Credits |
| Pool RTEG Capacity Supply Obligation | The total MW value of the Capacity Supply Obligation for Resources designated as Real-Time Emergency Generation. Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Pool RTEG Utilization Ratio | The ratio of the maximum allowed capacity from Real-Time Emergency Generation Resources that will be counted towards meeting the Installed Capacity Requirement and the actual Capacity Supply Obligation for Real-Time Emergency Generation Resources. Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Pool Peak Contributions | The total MW value of Load Asset and Dispatchable Asset Related Demand Peak Contributions as of the trading date. |
| Pool Peak Contributions (CCP Begin – 2) | The total MW value of Load Asset and Dispatchable Asset Related Demand Peak Contributions from the calendar year ending two years prior to the beginning of the Capacity Commitment Period. |
| Capacity Zone | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Capacity Zone Capacity Supply Obligation | The MW value of capacity acquired in the Capacity Zone, including Real-Time Emergency Generation capacity capped by the Real-Time Emergency Generation capacity limit. |
| Capacity Zone RTEG Capacity Supply Obligation | The MW value of Capacity Supply Obligation for Resources designated as Real-Time Emergency Generation. Effective 6/1/2018, this column will no longer be used and will be reported as NULL. |
| Capacity Zone Peak Contributions | The total Peak Contributions of all load and Dispatchable Asset Related Demand assets in the Capacity Zone. |
| Capacity Zone Peak Contributions (CCP Begin – 2) | The total Peak Contributions of all load and Dispatchable Asset Related Demand assets in the Capacity Zone from the calendar year ending two years prior to the beginning of the Capacity Commitment Period. |
| Capacity Zone Capacity Requirement | The product of the Pool Capacity Supply Obligation multiplied by the ratio of the Capacity Zone Peak Contributions and the Pool Peak Contributions. The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the second year prior to the start of the applicable Capability Year. |
| Customer | |

SD_FCMPRECAPREQ – Forward Capacity Market Preliminary Capacity Requirement – Rev 3

SD_FCMPRECAPREQ_<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced on a monthly basis prior to the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Peak Contributions | The sum of Peak Contributions adjusted by ownership share for all assets in the Capacity Zone. |
| Customer Capacity Requirement | The Capacity Zone Capacity Requirement multiplied by the ratio of the Customer Peak Contributions and the Capacity Zone Peak Contributions. The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the year prior to the start of the applicable Capability Year. |
| Load Peak Contributions | |
| Trading Date | Specific day for which the information is provided. |
| Asset ID | Numerical identifier for the Load Asset resource. |
| Asset Name | Name of the Load Asset resource. |
| Peak Contributions | The Peak Contributions as determined by the meter reader. |
| Ownership Share | The customer's ownership share of the asset on the trading date. |
| Customer Share Peak Contributions | The product of the Load Asset Peak Contribution value multiplied by Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| DARD Peak Contributions | |
| Trading Date | Specific day for which the information is provided. |
| Asset ID | Numerical identifier for the Dispatchable Asset Related Demand resource. |
| Asset Name | Name of the Dispatchable Asset Related Demand resource. |
| Peak Contributions | The Peak Contributions as determined by the meter reader. |
| Baseline Pool Peak Contribution | The registered value of the historic Peak Contribution for the asset. |
| Meter Adjustment | The sum of the Peak Contribution value submitted by the meter reader and the Baseline Pool Peak Contribution value. |
| Nominated Consumption Limit | The registered value of the Nominated Consumption Limit for the asset. |
| Non-Conforming Bid Adjustment | Capacity Commitment Period adjustment MW. |
| Ownership Share | The customer's ownership share of the asset on the trading date. |
| Customer Share Peak Contributions | The total of the Meter Adjustment less Non-Conforming Bid Adjustment less Nominated Consumption Limit, multiplied by Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount | |

| SD_FCMPRECAPREQ – Forward Capacity Market Preliminary Capacity Requirement – Rev 3 SD_FCMPRECAPREQ_<market service>_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced on a monthly basis prior to the start of the obligation month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount Peak Contributions | The sum of Peak Contributions adjusted by ownership share for all assets in the Capacity Zone. |
| Customer Capacity Requirement | The Capacity Zone Capacity Requirement multiplied by the ratio of the Subaccount Peak Contributions and the Capacity Zone Peak Contributions. The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the year prior to the start of the applicable Capability Year. |

| SD_FCMPRECAPREQ Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Pool” section, the “Pool RTEG Capacity Supply Obligation” and “Pool RTEG Utilization Ratio” columns are NULL effective June 1, 2018. In the “Capacity Zone” section, the “Capacity Zone RTEG Capacity Supply Obligation” column is NULL effective June 1, 2018. | 06.01.2018 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Load Peak Contributions” and “DARD Peak Contributions” sections. Added new “Subaccount” section. | 09.01.2015 |
| Modified. New tab “DARD Peak Contributions” may contain data effective with obligation month Oct 1st 2010 going forward. This tab will contain just report headers for an obligation month prior to Oct. 1st 2010. | 10.01.2010 |
| New. | 06.01.2010 |

SD_FCMPCRELIMCLO – Forward Capacity Market Preliminary Capacity Load Obligation Report – Rev 0
SD_FCMPCRELIMCLO _<market service>_<customer id>_<settlement date>_<version>.CSV
<Customer>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Monthly, prior to the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Pool | |
| Pool Capacity Supply Obligation | Pool Capacity Supply Obligation |
| Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation |
| HQICC | HQICC |
| Pool Peak Contributions (CCP Begin – 1) | Pool Peak Contributions (CCP Begin – 1) |
| Pool Zonal Capacity Obligation | Pool Zonal Capacity Obligation |
| Pool Load Serving Entity Designated Self-Supply | Pool Load Serving Entity Designated Self-Supply |
| Pool Capacity Load Obligation | Pool Capacity Load Obligation |
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| FCA 1 st Run Capacity Zone Capacity Supply Obligation | Capacity determined in the primary clearing run of the forward capacity auction |
| FCA 2 nd Run Capacity Zone Capacity Supply Obligation | Capacity determined in the second clearing run of the forward capacity auction |
| Substitution Auction Capacity Zone Capacity Supply Obligation | Capacity determined in the substitution auction |
| Reconfiguration Auction Capacity Zone Capacity Supply Obligation | Capacity determined in the reconfiguration auctions |
| Net Bilateral Capacity Zone Capacity Supply Obligation | Net bilateral capacity supply obligation bilateral contracts |
| Capacity Zone Capacity Supply Obligation | FCA 1 st Run Capacity Zone Capacity Supply Obligation + FCA 2 nd Run Capacity Zone Capacity Supply Obligation + Substitution Auction Capacity Zone Capacity Supply Obligation + Reconfiguration Auction Capacity Zone Capacity Supply Obligation + Net Bilateral Capacity Zone Capacity Supply Obligation |
| FCA 1 st Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the primary clearing run of the forward capacity auction Calculated October through May |
| FCA 2 nd Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the second clearing run of the forward capacity auction Calculated October through May |

| SD_FCMPRELIMCLO – Forward Capacity Market Preliminary Capacity Load Obligation Report – Rev 0 SD_FCMPRELIMCLO _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, prior to the start of the obligation month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Substitution Auction Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | The difference between CSO MW in the obligation month and CSO MW for the month of June for the same CCP as acquired by intermittent power resources in the substitution auction Calculated October through May |
| Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation | FCA 1 st Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + FCA 2 nd Run Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + Substitution Auction Capacity Zone Intermittent Power Resource Seasonal Variance Capacity Supply Obligation Calculated October through May |
| HQICC | HQICC |
| Capacity Zone Peak Contributions (CCP Begin – 1) | Peak contributions of all load and dispatchable asset related demand assets derived from the annual peak load day and hour in the year prior to the beginning of the capacity commitment period |
| Capacity Zone Zonal Capacity Obligation | (Pool Capacity Supply Obligation – Pool Intermittent Power Resource Seasonal Variance Capacity Supply Obligation + HQICC) \times Capacity Zone Peak Contributions (CCP Begin – 1) / Pool Peak Contributions (CCP Begin – 1) \times (-1) |
| Capacity Zone Load Serving Entity Designated Self-Supply | Capacity Zone Load Serving Entity Designated Self-Supply |
| Capacity Zone Capacity Load Obligation | Capacity Zone Zonal Capacity Obligation + Capacity Zone Load Serving Entity Designated Self-Supply + HQICC |

| SD_FCMPRELIMCLO Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FCMRELIABILITYDTL – Forward Capacity Market Reliability Details Report – Rev 3 SD_FCMRELIABILITYDTL_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report provides credit details for resources retained for reliability in the Forward Capacity Auction and the related charges. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Capacity Zone Credits & Charges | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Capacity Zone Reliability Credit | The total customer credit for Resources in the Capacity Zone that have been retained for reliability in the Forward Capacity Auction. |
| Customer Capacity Zone Reliability Charge | The total customer charges for Resources in the Capacity Zone that have been retained for reliability in the Forward Capacity Auction. |
| Capacity Zone Reliability Credit | The total of all customer credits for Resources retained for reliability in the Capacity Zone. |
| Customer Capacity Zone Proration Denied Reliability Credit | The total customer credits for Resources in the Capacity Zone that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Capacity Zone Proration Denied Reliability Credit | The total of all customer credits for Resources in the Capacity Zone that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Customer Capacity Zone Proration Denied Reliability Charge | The total customer Capacity Zone charges resulting from Resources that have been denied proration in the Forward Capacity Auction. (This value is null) |
| RR Credits & Charges | |
| Reliability Region ID | Numerical identifier for the Reliability Region. |
| Reliability Region Name | Name of the Reliability Region. |
| Customer Reliability Region Reliability Credit | The total customer credits for Resources in the Reliability Region that have been retained for reliability in the Forward Capacity Auction. |
| Reliability Region Reliability Credit | The total of all customer credits for Resources in the Reliability Region that have been retained for reliability in the Forward Capacity Auction. |
| Customer Reliability Region Network Load | The total Network Load for the customer in the Reliability Region. |
| Reliability Region Network Load | The total Network Load for the Reliability Region. |
| Customer Reliability Region Reliability Charge | The product of the Reliability Region Reliability Credit and the Customer Reliability Region Network Load, divided by the Reliability Region Network Load, and multiplied by negative one. |
| Customer Reliability Region Proration Denied Reliability Credit | The total customer credits for Resources in the Reliability Region that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Reliability Region Proration Denied Reliability Credit | The total of all customer credits for Resources in the Reliability Region that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Customer Reliability Region Proration Denied Charge | The total customer charges for Resources in the Reliability Region that have been denied proration in the Forward Capacity Auction (This value is null) |
| Resource Reliability Credits | |
| Resource ID | Numerical identifier for the Resource. |

SD_FCMRELIABILITYDTL – Forward Capacity Market Reliability Details Report – Rev 3

SD_FCMRELIABILITYDTL_<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report provides credit details for resources retained for reliability in the Forward Capacity Auction and the related charges.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Resource Name | Name of the Resource. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Reliability Region ID | Numerical identifier for the Reliability Region. |
| Reliability Region Name | Name of the Reliability Region. |
| Resource Retained for Reliability MW | The Capacity Supply Obligation of the Resource that has an obligation type from the Forward Capacity Auction of “RFR” (Retained for Reliability). |
| Resource De-List Bid Price | The de-list bid price at which the Resource was retained for reliability. |
| Cost of Service | The payment rate associated with a Cost of Service agreement or other rate approved by FERC. |
| FCA Payment Rate | The Capacity Clearing Price for the Resource’s Capacity Zone as determined through the Forward Capacity Auction. |
| Resource Reliability Rate | If the Resource has a Cost of Service rate, the Resource Reliability Rate is the Cost of Service Rate. Otherwise, it is the Resource De-List Bid Price. |
| Resource Reliability Credit | The product of the Resource Retained for Reliability MW, multiplied by the Resource Reliability Rate minus the FCA Payment Rate, and multiplied by 1000. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Proration Denied Reliability Credits | |
| Resource ID | Numerical identifier for the Resource. (This value is null) |
| Resource Name | Name of the Resource. (This value is null) |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. (This value is null) |
| Capacity Zone Name | The name of the Capacity Zone. (This value is null) |
| Reliability Region ID | Numerical identifier for the Reliability Region. (This value is null) |
| Reliability Region Name | Name of the Reliability Region. (This value is null) |
| Resource Proration Denied for Reliability MW | The Capacity Supply Obligation of the Resource that was denied proration. (This value is null) |
| Capacity Clearing Price | The clearing price for the Capacity Zone. (This value is null) |
| FCA Payment Rate | The payment rate for the Resource’s Capacity Zone as determined through the Forward Capacity Auction. (This value is null) |
| Resource Proration Denied for Reliability Credits | Resource Proration Denied for Reliability MW x (Capacity Clearing Price - FCA Payment Rate) (This value is null) |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. (This value is null) |

| SD_FCMRELIABILITYDTL – Forward Capacity Market Reliability Details Report – Rev 3 | |
|---|--|
| SD_FCMRELIABILITYDTL_<market service>_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial billing and resettlement billing. This report provides credit details for resources retained for reliability in the Forward Capacity Auction and the related charges. | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. (This value is null) |
| Subaccount CZ Credits & Charges | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount Capacity Zone Reliability Credit | The total subaccount credit for Resources in the Capacity Zone that have been retained for reliability in the Forward Capacity Auction. |
| Subaccount Capacity Zone Reliability Charge | The total subaccount charges for Resources in the Capacity Zone that have been retained for reliability in the Forward Capacity Auction. |
| Subaccount Capacity Zone Proration Denied Reliability Credit | The total subaccount credits for Resources in the Capacity Zone that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Subaccount Capacity Zone Proration Denied Reliability Charge | The total subaccount Capacity Zone charges resulting from Resources that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Subaccount RR Credits & Charges | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Reliability Region ID | Numerical identifier for the Reliability Region. |
| Reliability Region Name | Name of the Reliability Region. |
| Subaccount Reliability Region Reliability Credit | The total subaccount credits for Resources in the Reliability Region that have been retained for reliability in the Forward Capacity Auction. |
| Subaccount Reliability Region Network Load | The total Network Load for the subaccounts in the Reliability Region. |
| Reliability Region Network Load | The total Network Load for the Reliability Region. |
| Subaccount Reliability Region Reliability Charge | The product of the Reliability Region Reliability Credit and the Subaccount Reliability Region Network Load, divided by the Reliability Region Network Load, and multiplied by negative one. |
| Subaccount Reliability Region Proration Denied Reliability Credit | The total subaccount credits for Resources in the Reliability Region that have been denied proration in the Forward Capacity Auction. (This value is null) |
| Subaccount Reliability Region Proration Denied Charge | The total subaccount charges for Resources in the Reliability Region that have been denied proration in the Forward Capacity Auction. (This value is null) |

| SD_FCMRELIABILITYDTL Change Summary | Effective Date |
|---|----------------|
| Modified. Modified description to mark Proration Denied for Reliability as null. | 01.01.2019 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource | 08.01.2015 |

| SD_FCMRELIABILITYDTL Change Summary | Effective Date |
|--|----------------|
| Reliability Credits” and “Resource Proration Denied” sections. Added new “Subaccount CZ Credits & Charges” and “Subaccount RR Credits & Charges” sections. | |
| Modified. Added new columns "Customer Capacity Zone Proration Denied Reliability Credit", "Capacity Zone Proration Denied Reliability Credit" and "Customer Capacity Zone Proration Denied Reliability Charge" to the "Capacity Zone Credits & Charges" section. Added new columns "Customer Reliability Region Proration Denied Reliability Credit", "Reliability Region Proration Denied Reliability Credit" and "Customer Reliability Region Proration Denied Charge" to the "RR Credits & Charges" section. Added new section "Resource Proration Denied Reliability Credits". These changes will be issued in July 2014 for the June 2014 obligation month. For resettlements of months prior to June 2014, the report will contain the new report headers and section without data. | 06.01.2014 |
| New. | 06.01.2010 |

| SD_FCMRELIABILITYDTL2 – Forward Capacity Market Reliability Detail Report – Rev 0 | |
|---|---|
| SD_FCMRELIABILITYDTL2_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| Capacity Zone Credits & Charges | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Capacity Zone Reliability Credit | Sum of customer credit for resources that have been retained for reliability in the forward capacity auction |
| Customer Capacity Zone Reliability Charge | Sum of customer charges for resources that have been retained for reliability in the forward capacity auction |
| Capacity Zone Reliability Credit | Sum of all customer credits for resources retained for reliability |
| RR Credits & Charges | |
| Reliability Region ID | Reliability Region ID |
| Reliability Region Name | Reliability Region Name |
| Customer Reliability Region Reliability Credit | Sum customer credits for resources that have been retained for reliability in the forward capacity auction |
| Reliability Region Reliability Credit | Sum of all customer credits for resources that have been retained for reliability in the forward capacity auction |
| Customer Reliability Region Network Load | Network load for the customer |
| Reliability Region Network Load | Total network load for all reliability regions |
| Customer Reliability Region Reliability Charge | Reliability Region Reliability Credit x Customer Reliability Region Network Load / Reliability Region Network Load x (-1) |
| Resource Reliability Credits | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Reliability Region ID | Reliability Region ID |
| Reliability Region Name | Reliability Region Name |
| Resource Retained for Reliability | Capacity supply obligation with an obligation type of RFR from the forward capacity auction |
| Resource De-List Bid Price | Resource de-list bid price at which it was retained for reliability |
| Cost of Service | The payment rate associated with a cost of service agreement or other rate approved by FERC |
| FCA Payment Rate | Capacity clearing price for the resource's capacity zone as determined through the forward capacity auction |
| Resource Reliability Rate | If cost of service agreement exists, Cost of Service otherwise, Resource De-List Bid Price. |
| Resource Reliability Credit | Resource Retained for Reliability x (Resource Reliability Rate – |

| SD_FCMRELIABILITYDTL2 – Forward Capacity Market Reliability Detail Report – Rev 0 | |
|---|---|
| SD_FCMRELIABILITYDTL2_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| | FCA Payment Rate) $\times 1000$ |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Subaccount CZ Credits & Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Capacity Zone Reliability Credit | Total subaccount credit for resources that have been retained for reliability in the forward capacity auction |
| Subaccount Capacity Zone Reliability Charge | Total subaccount charge for resources that have been retained for reliability in the forward capacity auction |
| Subaccount RR Credits & Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Reliability Region ID | Reliability Region ID |
| Reliability Region Name | Reliability Region Name |
| Subaccount Reliability Region Reliability Credit | Total subaccount credits for resources that have been retained for reliability in the forward capacity auction |
| Subaccount Reliability Region Network Load | Total network load for the subaccounts |
| Reliability Region Network Load | Total network load for the reliability region |
| Subaccount Reliability Region Reliability Charge | Reliability Region Reliability Credit \times Subaccount Reliability Region Network Load / Reliability Region Network Load $\times (-1)$ |
| SD_FCMRELIABILITYDTL2 Change Summary | |
| New. | Effective Date |
| | 06.01.2022 |

| SD_FCMRELIABILITYDTL2SUB – Forward Capacity Market Reliability Detail Subaccount– Rev 0 SD_FCMRELIABILITYDTL2SUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report shall be produced on a monthly basis with the initial settlement and with any resettlement | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Resource Reliability Credits | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Reliability Region ID | Reliability Region ID |
| Reliability Region Name | Reliability Region Name |
| Resource Retained for Reliability | Capacity supply obligation with an obligation type of RFR from the forward capacity auction. |
| Resource De-List Bid Price | Resource de-list bid price at which it was retained for reliability. |
| Cost of Service | The payment rate associated with a cost of service agreement or other rate approved by FERC. |
| FCA Payment Rate | Capacity clearing price for the resource's capacity zone as determined through the forward capacity auction. |
| Resource Reliability Rate | If cost of service agreement exists, Cost of Service otherwise, Resource De-List Bid Price |
| Resource Reliability Credit | Resource Retained for Reliability x (Resource Reliability Rate – FCA Payment Rate) x 1000 |
| Subaccount CZ Credits & Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Capacity Zone Reliability Credit | Total subaccount credit for resources that have been retained for reliability in the forward capacity auction. |
| Subaccount Capacity Zone Reliability Charge | Total subaccount charge for resources that have been retained for reliability in the forward capacity auction. |
| Subaccount RR Credits & Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Reliability Region ID | Reliability Region ID |
| Reliability Region Name | Reliability Region Name |

| SD_FCMRELIABILITYDTL2SUB – Forward Capacity Market Reliability Detail Subaccount– Rev 0 SD_FCMRELIABILITYDTL2SUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report shall be produced on a monthly basis with the initial settlement and with any resettlement | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Reliability Region Reliability Credit | Total subaccount credits for resources that have been retained for reliability in the forward capacity auction. |
| Subaccount Reliability Region Network Load | Total network load for the subaccounts. |
| Reliability Region Network Load | Total network load for the reliability region. |
| Subaccount Reliability Region Reliability Charge | Reliability Region Reliability Credit \times Subaccount Reliability Region Network Load / Reliability Region Network Load $\times (-1)$ |

| SD_FCMRELIABILITYDTL2SUB Change Summary | Effective Date |
|---|----------------|
| New. | 11.01.2022 |

| SD_FCMRESSTLDTL – Forward Capacity Market Settlement Details Report – Rev 3 SD_FCMRESSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Resource CSO Credits Charges | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation • Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. |
| Obligation Source | The source of the Resource’s Capacity Supply Obligation. Valid Obligation Sources are: <ul style="list-style-type: none"> • FCA (Forward Capacity Auction) • aRA (Annual Reconfiguration Auction) • mRA (Monthly Reconfiguration Auction) • aIBT (Annual Bilateral Contract) • mIBT (Monthly Bilateral Contract) |
| Obligation Type | The type of obligation obtained through the Forward Capacity Auction. Appropriate values are: <ul style="list-style-type: none"> • ECO (Existing Capacity Obligation) • NCO (New Capacity Obligation) • COWC_NCO (Composite Offer Winter Contribution -New Capacity Offer) • COWC_ECO (Composite Offer Winter Contribution -Existing Capacity Offer) • MRECO (Multiyear Rate Existing Capacity Obligation) • SSO (Self-Supplied Obligation) • RFR (Retained for Reliability) • BALMRECO (Balance Net CSO for MRECO from prior Commitment Period(s)) |
| Auction ID | The auction identifier for obligations obtained through either the Forward Capacity Auction or a Reconfiguration Auction. |
| Contract ID | The contract identifier for obligations obtained or shed through a Bilateral Contract. |
| Internal Reference ID | Numeric identifier for any transactions modifying the Capacity Supply |

| SD_FCMRESSTLDTL – Forward Capacity Market Settlement Details Report – Rev 3 SD_FCMRESSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. |
| Payment Rate | The payment rate for the Capacity Supply Obligation as determined through the source of the obligation. |
| Adjusted Payment Rate | The Payment Rate from the Forward Capacity Auction as adjusted by the Handy-Whitman Index of Public Utility Construction Costs (when applicable). For all obligation types other than MRECO, this shall equal the Payment Rate. |
| Credit/Charge | The Credit or Charge associated with the Capacity Supply Obligation transaction, calculated as the product of the Capacity Supply Obligation multiplied by the Adjusted Payment Rate. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Export Capacity | <p>The MW value of export capacity from a resource, with an Export Bid or Administrative De-list Bid, where the resource is located in an export constrained Capacity Zone or the Rest-of-Pool Capacity Zone (Source Capacity Zone) and the export interface is connected to an import constrained Capacity Zone or the Rest-of-Pool Capacity Zone (Sink Capacity Zone) and is different than the Capacity Zone in which the resource is located.</p> <p>This data will be populated only if the calculated interface rate is greater than 0.</p> |
| Interface Rate | <p>The rate at which each Resource's Export Bid or Administrative De-list Bid Export Capacity is charged (Sink FCA Clearing Price – Source FCA Clearing Price).</p> <p>This data will be populated only if the calculated interface rate is greater than 0.</p> |
| Resource Export Capacity Credit Offset | <p>Interface Rate x Export Capacity x 1000 x (-1).</p> <p>This data will be populated only if the calculated interface rate is greater than 0.</p> |
| PER Adjustment | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |

SD_FCMRESSTLDTL – Forward Capacity Market Settlement Details Report – Rev 3

SD_FCMRESSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| Average Monthly PER | The average of the Monthly PER rate for the 12 months immediately preceding the obligation month. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. |
| Self-Supply Capacity Supply Obligation | The sum of the Resources Capacity Supply Obligation in which the obligation type is "SSO." |
| PER Capacity Supply Obligation | The Capacity Supply Obligation subject to Peak Energy Rent Adjustments, calculated as the minimum of the total Resource Capacity Supply Obligation, or the Capacity Supply Obligation - Self-Supply Capacity Supply Obligation. This value shall be greater than or equal to zero. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| PER Cap | The maximum value of zero, or the FCA Payment plus the product of the total Capacity Supply Obligations from Bilateral Contracts and Reconfiguration Auctions and the Capacity Clearing Price multiplied by 1000. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| PER Adjustment | The minimum value of the PER Cap, or the product of the Average Monthly PER and the PER Capacity Supply Obligation multiplied by 1000. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Gross Supply Credit | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |

SD_FCMRESSTLDTL – Forward Capacity Market Settlement Details Report – Rev 3

SD_FCMRESSTLDTL _<market service>_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation • Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. |
| FCA Payment | The total of the Capacity Supply Obligation multiplied by the Adjusted Payment Rate, for all obligations where the Obligation Source is FCA. |
| Net Capacity Supply Obligation Bilateral Credit or Charge | The total of Resource Credits and Charges where the Obligation Source is mIBT or aIBT. |
| Net Reconfiguration Auction Credit or Charge | The total of Resource Credits and Charges where the Obligation Source is mRA or aRA. |
| PER Adjustment | The Resource PER Adjustment. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| Gross Supply Credit | The total of the FCA Payment, Net Capacity Supply Obligation Bilateral Credit or Charge, and the Resource Reconfiguration Auction Credit or Charge, reduced by the PER Adjustment. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_FCMRESSTLDTL Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure. “Average Monthly PER”, “PER Capacity Supply Obligation”, and “PER Cap” in the “PER Adjustment” section and “PER Adjustment” in the “Gross Supply Credit” section will be reporting NULL. | 06.01.2019 |
| Modified. Added new columns “Resource Export Capacity”, “Interface Rate” and “Resource Export Capacity Credit Offset” in the “Resource CSO Credits Charges” section. | 06.01.2017 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource CSO Credits Charges”, “PER Adjustment” and “Gross Supply Credit” sections. | 08.01.2015 |
| New. | 06.01.2010 |

| SD_FCMSCADJDTL – Forward Capacity Market Supply Credit Adjustment Detail Report – Rev 0 | |
|---|---|
| SD_FCMSCADJDTL_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| Resource | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Resource Export Capacity | Resource Export Capacity |
| Interface Rate | Interface capacity zone capacity clearing price – Resource capacity zone capacity clearing price |
| Export Capacity Credit Offset | Resource Export Capacity \times Interface Rate \times 1000 \times (-1) |
| Final Capacity Performance Payment | Capacity performance payment + Resource share of balancing fund + Final amount not charged due to stop-loss |
| Failure to Cover Charge | MAX[0, (Resource total capacity supply obligation – Maximum demonstrated output)] \times Failure to cover charge rate \times 1000 \times (-1) |
| Supply Credit Adjustment | Export Capacity Credit Offset + Final Capacity Performance Payment + Failure to Cover Charge |
| Generating Asset | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment |
| | Note: Balancing fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment |

| SD_FCMSCADJDTL – Forward Capacity Market Supply Credit Adjustment Detail Report – Rev 0 | |
|---|--|
| SD_FCMSCADJDTL_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month | |
| REPORT COLUMN | DESCRIPTION |
| | Note: PFP-only assets do not have Export Capacity Credit Offset or Failure to Cover Charge |
| DRR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment |
| | Note: Balancing fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment |
| | Note: PFP-only Assets do not have Export Capacity Credit Offset or Failure to Cover Charge |
| External Transactions | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| External Transaction ID | External Transaction ID |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment |
| | Note: Balancing fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment |
| | Note: PFP-only transactions do not have Export Capacity Credit Offset or Failure to Cover Charge |

| SD_FCMSCADJDTL Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 06.01.2022 |

SD_FCMSCADJDTLSUB – Forward Capacity Market Supply Credit Adjustment Detail Subaccount Report – Rev 0

SD_FCMSCADJDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, after the conclusion of the settlement month

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Resource | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Resource Export Capacity | Total export capacity MW |
| Interface Rate | Internal capacity zone capacity clearing price – Resource capacity zone capacity clearing price |
| Export Capacity Credit Offset | Resource Export Capacity \times Interface Rate \times 1000 \times (-1) |
| Final Capacity Performance Payment | Capacity performance payment + Resource Share of balancing fund + Final amount not charged due to stop-loss |
| Failure to Cover Charge | MAX[0, (Resource total capacity supply obligation – Maximum demonstrated output)] \times Failure to cover charge rate \times 1000 \times (-1) |
| Supply Credit Adjustment | Export Capacity Credit Offset + Final Capacity Performance Payment + Failure to Cover Charge |
| Generating Asset | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment Note: Balancing fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment Note: PFP-only Assets do not have Export Capacity Credit Offset or |

SD_FCMSCADJDTLSUB – Forward Capacity Market Supply Credit Adjustment Detail Subaccount Report – Rev 0

SD_FCMSCADJDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, after the conclusion of the settlement month

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| | Failure to Cover Charge |
| DRR | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment |
| | Note: Balancing fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment |
| | Note: PFP-only Assets do not have Export Capacity Credit Offset or Failure to Cover Charge |
| External Transactions | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| External Transaction ID | External Transaction ID |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Final Capacity Performance Payment | Capacity performance payment |
| | Note: Balancing Fund and stop-loss do not apply to PFP-only assets |
| Supply Credit Adjustment | Final Capacity Performance Payment |
| | Note: PFP-only transactions do not have Export Capacity Credit Offset or Failure to Cover Charge |

| SD_FCMSCADJDTLSUB Change Summary | Effective Date |
|----------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FORFEITEDFA – Forward Capacity Market Forfeited Financial Assurance Allocation Report – Rev 0 SD_FORFEITEDFA_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Allocation | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Zonal Capacity Obligation | Sum of zonal capacity obligation |
| Customer Zonal Capacity Obligation | Customer Zonal Capacity Obligation |
| Monthly Forfeited Financial Assurance Allocation Credits | Total monthly forfeited financial assurance amount due to resource capacity supply obligation MW termination, financial assurance policy defaults and/or billing policy defaults for the month and by capacity zone. |
| Customer Forfeited Financial Assurance Credits | (Customer Zonal Capacity Obligation / Capacity Zone Zonal Capacity Obligation) x Monthly Forfeited Financial Assurance Allocation Credits |

| SD_FORFEITEDFA Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 06.01.2022 |

| SD_FTRLT – Long Term FTR Bids – Rev 2 | | | |
|--|---|--------|--|
| SD_FTRLT_customer_date_version.CSV | | | |
| Customer: xxxxxxxxx (9 digit number) Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | |
| Availability: Annual | | | |
| DESCRIPTION | Auction bid data received by the ISO from participants for the Long-Term FTR Auction. This report will list the customer's FTR Annual market bids by location. The source and destination location information will be printed on the reports. This report is meant for distribution to MIS SFTP site. The reports are generated annually on demand per customer, one report for each annual auction. | | |
| DELIVERY METHOD | SFTP Distribution | | |
| FILENAME | SD_FTRLT_customer_settlement_version.CSV Customer is the 9 digit number of customer id, settlement is the date of the first day of the month for which the data applies, formatted as YYYYMMDD, version is the date/time when the report was generated, formatted as YYYYMMDDHHMMSS Note: The comments will detail the 'from' and 'to' dates for which the bids apply. | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | Up to 50,000 records per auction | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character 'C', 'H', 'D', or 'T' which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of 'D' lines contained in the file is also noted on this record. |
| 1 | FTR ID | Number | FTR identification number. |
| 2 | Source Location ID | Number | The location identification number of the bid's source. |
| 3 | Source Location Name | String | The location name of the bid's source. |
| 4 | Sink Location ID | Number | The location identification number of the bid's sink. |
| 5 | Sink Location Name | String | The location name of the bid's sink. |
| 6 | Buy / Sell | String | 'BUY' bid or 'SELL' offer. |
| 7 | Class Type | String | Whether the bid is for the 'OFFPEAK' or 'ONPEAK' auction. |
| 8 | Bid MW | MW | The MW quantity of the bid. |
| 9 | Bid Price | \$/MW | The bid price in \$/MW |
| 10 | Awarded MW | MW | Awarded MW quantity |
| 11 | Awarded Price | \$/MW | Awarded price in \$/MW |
| 12 | Auction Dollars | \$ | Auction dollar amount |
| 13 | Bid Status | String | Whether the bid was 'CLEARED' or 'DENIED.' |
| 14 | Auction Name | String | The auction that the FTR was submitted to. |

| SD_FTRLT Change Summary | Effective Date |
|--|----------------|
| Modified. New column "Auction Name" will be reported beginning with the approval of Round 1 of the 2013 Annual FTR Auction. | 10.09.2012 |
| New. Auction bid data received by the ISO from participants for the Long-Term FTR Auction. The first generation of the report will be distributed no earlier than March 25, 2011. | 01.01.2011 |

SD_FTRLTBOPP – Long Term FTR Bids and Awards Report – Rev 0

SD_FTRLTBOPP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available to customers who are FTR Holders for the annual auction.

| REPORT COLUMN | DESCRIPTION |
|----------------------|--|
| FTR Bids | |
| Year | The auction year. |
| Auction Type | Identifies the auction round “LONG TERM”. |
| Auction Name | Identifies the name of the annual auction designated by the round of the auction and the year, as “LT1 2019” or “LT2 2019”. |
| FTR ID | FTR identification number. |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Source Location ID | The location identification number of the bid’s source. |
| Source Location Name | The location name of the bid’s source. |
| Sink Location ID | The location identification number of the bid’s sink. |
| Sink Location Name | The location name of the bid’s sink. |
| Buy / Sell | Identifies the FTR ID as either “BUY” or “SELL”. |
| Class Type | Identifies the FTR ID is for the “ONPEAK” or “OFFPEAK” auction. |
| Bid MW | The MW quantity of the bid. |
| Bid Price | The bid price in \$/MW. |
| Awarded MW | Awarded MW quantity. |
| Awarded Price | Awarded price in \$/MW. |
| Auction Dollars | Auction dollar amount. |
| Bid Status | Identifies the FTR ID as either “CLEARED or “DENIED”. |

| SD_FTRLTBOPP Change Summary | Effective Date |
|---|----------------|
| New. Note: Subaccount fields are formatted for future FTR Divisional Accounting updates. | 09/17/2019 |

SD_FTRLTBOPPSUB – Long Term FTR Bids and Awards Subaccount – Rev 0

SD_FTRLTBOPPSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Yearly

| REPORT COLUMN | DESCRIPTION |
|----------------------|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Year | The auction year. |
| Auction Type | Identifies the auction round “LONG TERM”. |
| Auction Name | Identifies the name of the annual auction designated by the round of the auction and the year, as “LT1 2019” or “LT2 2019”. |
| FTR ID | FTR identification number. |
| Source Location ID | The location identification number of the bid’s source. |
| Source Location Name | The location name of the bid’s source. |
| Sink Location ID | The location identification number of the bid’s sink. |
| Sink Location Name | The location name of the bid’s sink. |
| Buy / Sell | Identifies the FTR ID as either “BUY” or “SELL”. |
| Class Type | Identifies the FTR ID is for the “ONPEAK” or “OFFPEAK” auction. |
| Bid MW | The MW quantity of the bid. |
| Bid Price | The bid price in \$/MW. |
| Awarded MW | Awarded MW quantity. |
| Awarded Price | Awarded price in \$/MW. |
| Auction Dollars | Auction dollar amount. |
| Bid Status | Identifies the FTR ID as either “CLEARED or “DENIED”. |

| SD_FTRLTBOPPSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 11.01.2022 |

| SD_FTRMTH – Monthly FTR Bids – Rev 1 | | | |
|--|--|-------------|--|
| SD_FTRMTH_customer_date_version.CSV | | | |
| Customer: xxxxxxxxx (9 digit number) Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | |
| Availability: Monthly | | | |
| DESCRIPTION | Auction bid data received by the ISO from participants for the Monthly FTR Auction. This report will list the customer's FTR Monthly market bids by location. The source and destination location information will be printed on the reports. This report is meant for distribution to MIS SFTP site. The reports are generated monthly per customer, one report for each monthly auction. | | |
| DELIVERY METHOD | SFTP Distribution | | |
| FILENAME | SD_FTRMTH_customer_settlement_version.CSV customer is the 9 digit number of customer id, settlement is the date of the first day of the month for which the data applies, formatted as YYYYMMDD, version is the date/time when the report was generated, formatted as YYYYMMDDHHMSS Note: The comments will detail the 'from' and 'to' dates for which the bids apply. | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | Up to 50,000 records per auction | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character 'C', 'H', 'D', or 'T' which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of 'D' lines contained in the file is also noted on this record. |
| 1 | FTR ID | Number | FTR identification number. |
| 2 | Source Location ID | Number | The location identification number of the bid's source. |
| 3 | Source Location Name | String | The location name of the bid's source. |
| 4 | Sink Location ID | Number | The location identification number of the bid's sink. |
| 5 | Sink Location Name | String | The location name of the bid's sink. |
| 6 | Buy / Sell | String | 'BUY' bid or 'SELL' offer. |
| 7 | Class Type | String | Whether the bid is for the 'OFFPEAK' or 'ONPEAK' auction. |
| 8 | Bid MW | MW | The MW quantity of the bid. |
| 9 | Bid Price | \$/MW | The bid price in \$/MW |
| 10 | Awarded MW | MW | Awarded MW quantity |
| 11 | Awarded Price | \$/MW | Awarded price in \$/MW |
| 12 | Auction Dollars | \$ | Auction dollar amount |
| 13 | Bid Status | String | Whether the bid was 'CLEARED' or 'DENIED.' |

| SD_FTRMTH Change Summary | Effective Date |
|--|----------------|
| New. Auction bid data received by the ISO from participants for the Monthly FTR Auction. The first generation of the report will be distributed no earlier than March 25, 2011 for the months of January 2011 – April 2011. | 01.01.2011 |

SD_FTRMTHBOPP – Monthly FTR Bids and Awards Report – Rev 0

SD_FTRMTHBOPP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available to customers who are FTR holders for the month.

| REPORT COLUMN | DESCRIPTION |
|----------------------|--|
| FTR Bids | |
| Month | The Auction Month. |
| Auction Type | Identifies the auction as either “PROMPT” or “BOPP”. |
| Auction Name | Identifies the name of the monthly auction designated by the prompt month, the year and the BoPP month. For ex. “FEB 2019 MAR” |
| FTR ID | FTR identification number. |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Source Location ID | The location identification number of the bid’s source. |
| Source Location Name | The location name of the bid’s source. |
| Sink Location ID | The location identification number of the bid’s sink. |
| Sink Location Name | The location name of the bid’s sink. |
| Buy / Sell | Identifies the FTR ID as either “BUY” or “SELL”. |
| Class Type | Identifies the FTR ID is for the “ONPEAK” or “OFFPEAK” auction. |
| Bid MW | The MW quantity of the bid. |
| Bid Price | The bid price in \$/MW. |
| Awarded MW | Awarded MW quantity. |
| Awarded Price | Awarded price in \$/MW. |
| Auction Dollars | Auction dollar amount. |
| Bid Status | Identifies the FTR ID as either “CLEARED or “DENIED”. |

| | |
|---|-----------------------|
| SD_FTRMTHBOPP Change Summary | Effective Date |
| New. Note: Subaccount fields are formatted for future FTR Divisional Accounting updates. | 09/17/2019 |

| SD_FTRMTHBOPPSUB– Monthly FTR Bids and Awards Subaccount– Rev 0 | |
|--|---|
| SD_FTRMTHBOPPSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly. | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Month | The Auction Month. |
| Auction Type | Identifies the auction as either “PROMPT” or “BOPP”. |
| Auction Name | Identifies the name of the monthly auction designated by the prompt month, the year and the BoPP month. For ex. “FEB 2019 MAR”. |
| FTR ID | FTR identification number. |
| Source Location ID | The location identification number of the bid’s source. |
| Source Location Name | The location name of the bid’s source. |
| Sink Location ID | The location identification number of the bid’s sink. |
| Sink Location Name | The location name of the bid’s sink. |
| Buy / Sell | Identifies the FTR ID as either “BUY” or “SELL”. |
| Class Type | Identifies the FTR ID is for the “ONPEAK” or “OFFPEAK” auction. |
| Bid MW | The MW quantity of the bid. |
| Bid Price | The bid price in \$/MW. |
| Awarded MW | Awarded MW quantity. |
| Awarded Price | Awarded price in \$/MW. |
| Auction Dollars | Auction dollar amount. |
| Bid Status | Identifies the FTR ID as either “CLEARED or “DENIED”. |

| SD_FTRMTHBOPPSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 11.01.2022 |

SD_HRFTR – Hourly FTR Target Allocations Report – Rev 4

SD_HRFTR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily report of target allocations available to FTR Holders

| REPORT COLUMN | DESCRIPTION |
|---------------------------------|--|
| Pool Values | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Pool Negative Target Allocation | Sum of all Negative Target Allocations for the trading interval. |
| Pool Positive Target Allocation | Sum of all Positive Target Allocations for the trading interval. |
| Customer Values | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Source Location ID | Location Identification Number of originating location of an FTR held by customer during the trading interval. |
| Source Location Name | Location Name |
| Source Location Type | Node, Zone, or Hub |
| Sink Location ID | Location Identification Number of destination location of an FTR held by customer during the trading interval. |
| Sink Location Name | Location Name |
| Sink Location Type | Node, Zone, or Hub |
| FTR MW | FTR MW quantity of the held FTR, as determined by FTR Auction(s). |
| Negative Target Allocation | Negative Dollar value of held FTR. FTR MW multiplied by (Sink Congestion Component – Source Congestion Component) when the Source Congestion Component is greater than the Sink Congestion Component. |
| Positive Target Allocation | Positive Dollar value of held FTR. FTR MW multiplied by (Sink Congestion Component – Source Congestion Component) when the Sink Congestion Component is greater than Source Congestion Component. |
| Subaccount Values | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Source Location ID | Location Identification Number of originating location of an FTR held - under subaccount during the trading interval. |

SD_HRFTR – Hourly FTR Target Allocations Report – Rev 4

SD_HRFTR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily report of target allocations available to FTR Holders

| REPORT COLUMN | DESCRIPTION |
|----------------------------|---|
| Source Location Name | Location Name |
| Source Location Type | Node, Zone, or Hub |
| Sink Location ID | Location Identification Number of destination location of an FTR held under subaccount during trading interval. |
| Sink Location Name | Location Name |
| Sink Location Type | Node, Zone, or Hub |
| FTR MW | FTR MW quantity of the held FTR under the subaccount, as determined by FTR Auction(s). |
| Negative Target Allocation | Negative Dollar value of held FTR under the subaccount. FTR MW multiplied by (Sink Congestion Component – Source Congestion Component) when the Source Congestion Component is greater than the Sink Congestion Component. |
| Positive Target Allocation | Positive Dollar value of held FTR under the subaccount. FTR MW multiplied by (Sink Congestion Component – Source Congestion Component) when the Sink Congestion Component is greater than Source Congestion Component. |

| SD_HRFTR Change Summary | Effective Date |
|---|----------------|
| Modified. New section “Subaccount Values” is formatted for future FTR Divisional Accounting updates. | 09/17/2019 |
| Existing. | 01.01.2001 |

| SD_HRFTRSUB – Hourly FTR Target Allocations Subaccount – Rev 0 | |
|---|--|
| SD_HRFTRSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily with the approval of the Hourly FTR Settlement | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Source Location ID | Location Identification Number of originating location of an FTR held under subaccount during the trading interval. |
| Source Location Name | Location Name |
| Source Location Type | Node, Zone, or Hub |
| Sink Location ID | Location Identification Number of destination location of an FTR held under subaccount during trading interval. |
| Sink Location Name | Location Name |
| Sink Location Type | Node, Zone, or Hub |
| FTR MW | FTR MW quantity of the held FTR under the subaccount, as determined by FTR Auction(s). |
| Negative Target Allocation | Negative Dollar value of held FTR under the subaccount. FTR MW \times (Sink Congestion Component – Source Congestion Component) when the Source Congestion Component is greater than the Sink Congestion Component. |
| Positive Target Allocation | Positive Dollar value of held FTR under the subaccount. FTR MW \times (Sink Congestion Component – Source Congestion Component) when the Sink Congestion Component is greater than Source Congestion Component. |

| SD_HRFTRSUB Change Summary | Effective Date |
|----------------------------|----------------|
| New. | 11.01.2022 |

| SD_INVENERGYDETAIL - Inventoried Energy Settlement Detail Report– Rev 0 SD_INVENERGYDETAIL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Base IEP Credit | Pool Base IEP Credit |
| Pool Initial Real-Time LNG Inventory | Pool Initial Real-Time LNG Inventory |
| Pool Guaranteed Real-Time LNG Inventory | Pool Guaranteed Real-Time LNG Inventory |
| Pool Remaining Real-Time LNG Inventory | Pool Remaining Real-Time LNG Inventory |
| Pool Real-Time LNG Inventory To Be Allocated | 560,000 - Pool Guaranteed Real-Time Energy LNG Inventory |
| Pool Spot IEP Credit | Pool Spot IEP Credit |
| Customer | |
| Number of Days in Period | Total number of days in season. This includes the months December, January and February |
| Forward Energy Inventory Election Capability | SUM(Maximum Stored Energy Inventory) |
| Forward Rate | Base payment rate for Forward Energy Inventory Election |
| Forward Energy Inventory Election | Total MWh value for which a Market Participant elects to be compensated at the forward rate in the inventoried energy program as described in Section III.K.1(d) of Market Rule 1. |
| Customer Base IEP Credit | Forward Energy Inventory Election \times Forward Rate / Number of Days in Period |
| Customer Initial Forward Real-Time LNG Inventory | Sum of Initial Real-Time LNG Inventory for assets with the Forward Flag set to “Y” |
| Customer Initial Spot Real-Time LNG Inventory | Sum of Initial Real-Time LNG Inventory for assets with the Forward Flag set to “N” |
| Customer Initial Real-Time LNG Inventory | Customer Initial Forward Real-Time LNG Inventory + Customer Initial Spot Real-Time LNG Inventory |
| Final Forward LNG Election | Customer Initial Real-Time LNG Inventory \times MIN[1, (560,000 / Pool Initial Real-Time LNG Inventory)] |
| Guaranteed Real-Time LNG Inventory | MIN(Final Forward LNG Election, Customer Initial Real-Time LNG Inventory) |
| Remaining Real-Time LNG Inventory | MAX(0, Customer Initial Real-Time LNG Inventory – Guaranteed Real-Time LNG Inventory) |
| Remaining Adjusted Real-Time LNG Inventory | Remaining Real-Time LNG Inventory \times Pool Real-Time LNG Inventory To Be Allocated / Pool Remaining Real-Time LNG Inventory |
| Customer Final Real-Time LNG Inventory | Guaranteed Real-Time LNG Inventory + Remaining Adjusted Real-Time LNG Inventory |
| Stored Energy Inventory | Customer Final Real-Time LNG Inventory + SUM(Customer Share Real-Time Non-LNG Inventory) |
| Spot IEP Credit | Spot Rate \times (Stored Energy Inventory – Forward Energy Inventory Election) |

| SD_INVENERGYDETAIL - Inventoried Energy Settlement Detail Report– Rev 0 SD_INVENERGYDETAIL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Base IEP Credit | SUM(Base IEP Credit) |
| Spot IEP Credit | SUM(Spot IEP Credit) |
| Asset | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Ownership Share | Ownership Share |
| Forward Flag | Appropriate values are: <ul style="list-style-type: none"> • Y • N “Y” when the registered to participate in the forward market |
| Maximum Stored Energy Inventory | Maximum amount of stored energy in MWh |
| Customer Share Maximum Stored Energy Inventory | Maximum Stored Energy Inventory \times Ownership share |
| Base IEP Credit | Customer Base IEP Credit \times Maximum Stored Energy Inventory / Forward Energy Inventory Election Capability |
| Share of Forward Inventory | Forward Energy Inventory Election \times Maximum Stored Energy Inventory / Forward Energy Inventory Election Capability No value is reported on days that are not Inventoried Energy Days |
| Average Available Outage-Adjusted Output | The product of the average output for all five-minute intervals in the day and 72 hours. The output for each interval is the Economic Maximum Limit when the asset is available and 0 when it is not available. No value is reported on days that are not Inventoried Energy Days |
| Real-Time Total Energy Inventory | Total energy inventory as submitted by Lead Participant on Inventoried Energy Days. No value is reported on days that are not Inventoried Energy days. |
| Real-Time LNG Energy Inventory | The asset’s energy inventory associated with liquid natural gas (LNG). No value is reported on days that are not Inventoried Energy Days and on Inventoried Energy Days in which no value was submitted. |
| Submission Status | Appropriate values are: <ul style="list-style-type: none"> • Approved • Rejected • No value is reported on days that are not Inventoried Energy Days |

SD_INVENERGYDETAIL - Inventoried Energy Settlement Detail Report– Rev 0

SD_INVENERGYDETAIL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--|---|-------------------|-------|----------|---|----------|---|----------|---|
| Reviewed Real-Time Total Energy Inventory | <p>Appropriate values are:</p> <table> <tr> <th>Submission Status</th><th>Value</th></tr> <tr> <td>Approved</td><td>Real-Time Total Energy Inventory</td></tr> <tr> <td>Rejected</td><td>0</td></tr> <tr> <td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr> </table> | Submission Status | Value | Approved | Real-Time Total Energy Inventory | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Real-Time Total Energy Inventory | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Reviewed Real-Time LNG Energy Inventory | <p>Appropriate values are:</p> <table> <tr> <th>Submission Status</th><th>Value</th></tr> <tr> <td>Approved</td><td>Real-Time LNG Energy Inventory</td></tr> <tr> <td>Rejected</td><td>0</td></tr> <tr> <td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr> </table> | Submission Status | Value | Approved | Real-Time LNG Energy Inventory | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Real-Time LNG Energy Inventory | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Output Adjusted Inventory | <p>MIN(Reviewed Real-Time Total Energy Inventory, Average Available Outage-Adjusted Output)</p> <p>No value is reported on days that are not Inventoried Energy Days</p> | | | | | | | | |
| Real-Time Non-LNG Inventory | <p>Output Adjusted Inventory \times (Reviewed Real-Time Total Energy Inventory – Reviewed Real-Time LNG Energy Inventory) / Reviewed Real-Time Total Energy Inventory</p> <p>No value is reported on days that are not Inventoried Energy Days</p> | | | | | | | | |
| Initial Real-Time LNG Inventory | <p>(Output Adjusted Inventory – Real-Time non-LNG Inventory) \times Ownership Share</p> <p>No value is reported on days that are not Inventoried Energy Days</p> | | | | | | | | |
| Final Real-Time LNG Inventory | <p>Appropriate values are:</p> <table> <tr> <th>Submission Status</th><th>Value</th></tr> <tr> <td>Approved</td><td>Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / Customer Initial Real-Time LNG Inventory</td></tr> <tr> <td>Rejected</td><td>0</td></tr> <tr> <td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr> </table> | Submission Status | Value | Approved | Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / Customer Initial Real-Time LNG Inventory | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / Customer Initial Real-Time LNG Inventory | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Customer Share Real-Time Non-LNG Inventory | <p>Real-Time Non-LNG Inventory \times Ownership Share</p> <p>No value is reported on days that are not Inventoried Energy Days</p> | | | | | | | | |
| Stored Energy Inventory | <p>Final Real-Time LNG Inventory + Customer Share Real-Time Non-LNG Inventory</p> <p>No value is reported on days that are not Inventoried Energy Days</p> | | | | | | | | |
| Spot Rate | Payment rate for spot market | | | | | | | | |

| SD_INVENERGYDETAIL - Inventoried Energy Settlement Detail Report– Rev 0 SD_INVENERGYDETAIL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Spot IEP Credit | Spot Rate x (Stored Energy Inventory – Share of Forward Inventory) |

| | |
|--|-----------------------|
| SD_INVENERGYDETAIL Change Summary | Effective Date |
| New. | 12.1.2023 |

SD_INVENERGYDETAILSUB - Inventoried Energy Settlement Subaccount Detail Report– Rev 0

SD_INVENERGYDETAILSUB_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Base IEP Credit | SUM(Base IEP Credit) |
| Spot IEP Credit | SUM(Spot IEP Credit) |
| Pool Base IEP Credit | Pool Base IEP Credit |
| Pool Spot IEP Credit | Pool Spot IEP Credit |
| Asset | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Ownership Share | Ownership Share |
| Forward Flag | <p>Appropriate values are:</p> <ul style="list-style-type: none"> • Y • N <p>“Y” when the registered to participate in the forward market</p> |
| Maximum Stored Energy Inventory | Maximum amount of stored energy in MWh |
| Customer Share Maximum Stored Energy Inventory | Maximum Stored Energy Inventory \times Ownership share |
| Base IEP Credit | Customer Base IEP Credit \times Maximum Stored Energy Inventory / Forward Energy Inventory Election Capability |
| Share of Forward Inventory | <p>Forward Energy Inventory Election \times Maximum Stored Energy Inventory / Forward Energy Inventory Election Capability</p> <p>No value is reported on days that are not Inventoried Energy Days</p> |
| Average Available Outage-Adjusted Output | The product of the average output for all five-minute intervals in the day and 72 hours. The output for each interval is the Economic Maximum Limit when the asset is available and 0 when it is not available. No value is reported on days that are not Inventoried Energy Days. |
| Real-Time Total Energy Inventory | Total energy inventory as submitted by Lead Participant on Inventoried Energy Days. No value is reported on days that are not Inventoried Energy Days. |
| Real-Time LNG Energy Inventory | The asset's energy inventory associated with liquid natural gas (LNG). No value is reported on days that are not Inventoried Energy Days and on Inventoried Energy Days in which no value was submitted. |

SD_INVENERGYDETAILSUB - Inventoried Energy Settlement Subaccount Detail Report– Rev 0

SD_INVENERGYDETAILSUB_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--|---|-------------------|-------|----------|---|----------|---|----------|---|
| Submission Status | Appropriate values are: <ul style="list-style-type: none">• Approved• Rejected• No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Reviewed Real-Time Total Energy Inventory | Appropriate values are: <table><tr><th>Submission Status</th><th>Value</th></tr><tr><td>Approved</td><td>Real-Time Total Energy Inventory</td></tr><tr><td>Rejected</td><td>0</td></tr><tr><td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr></table> | Submission Status | Value | Approved | Real-Time Total Energy Inventory | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Real-Time Total Energy Inventory | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Reviewed Real-Time LNG Energy Inventory | Appropriate values are: <table><tr><th>Submission Status</th><th>Value</th></tr><tr><td>Approved</td><td>Real-Time LNG Energy Inventory</td></tr><tr><td>Rejected</td><td>0</td></tr><tr><td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr></table> | Submission Status | Value | Approved | Real-Time LNG Energy Inventory | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Real-Time LNG Energy Inventory | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Output Adjusted Inventory | MIN(Reviewed Real-Time Total Energy Inventory, Average Available Outage-Adjusted Output) No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Real-Time Non-LNG Inventory | Output Adjusted Inventory \times (Reviewed Real-Time Total Energy Inventory – Reviewed Real-Time LNG Energy Inventory) / Reviewed Real-Time Total Energy Inventory No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Initial Real-Time LNG Inventory | (Output Adjusted Inventory – Real-Time non-LNG Inventory) \times Ownership Share No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Final Real-Time LNG Inventory | Appropriate values are: <table><tr><th>Submission Status</th><th>Value</th></tr><tr><td>Approved</td><td>Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / SUM(Initial Real-Time LNG Inventory)</td></tr><tr><td>Rejected</td><td>0</td></tr><tr><td>No value</td><td>No value is reported on days that are not Inventoried Energy Days</td></tr></table> | Submission Status | Value | Approved | Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / SUM(Initial Real-Time LNG Inventory) | Rejected | 0 | No value | No value is reported on days that are not Inventoried Energy Days |
| Submission Status | Value | | | | | | | | |
| Approved | Final Real-Time LNG Inventory \times Initial Real-Time LNG Inventory / SUM(Initial Real-Time LNG Inventory) | | | | | | | | |
| Rejected | 0 | | | | | | | | |
| No value | No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Customer Share Real-Time Non-LNG Inventory | Real-Time Non-LNG Inventory \times Ownership Share No value is reported on days that are not Inventoried Energy Days | | | | | | | | |
| Stored Energy Inventory | Final Real-Time LNG Inventory + Customer Share Real-Time non-LNG Inventory | | | | | | | | |

SD_INVENERGYDETAILSUB - Inventoried Energy Settlement Subaccount Detail Report– Rev 0

SD_INVENERGYDETAILSUB_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-----------------|---|
| | No value is reported on days that are not Inventoried Energy Days |
| Spot Rate | Payment rate for spot market |
| Spot IEP Credit | Spot Rate \times (Stored Energy Inventory – Share of Forward Inventory) |

| SD_INVENERGYDETAILSUB Change Summary | Effective Date |
|--------------------------------------|----------------|
| New. | 12.1.2023 |

| SD_IROL_CIP – IROL-CIP Monthly Credits and Charges Report – Rev 0 SD_IROL_CIP_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Pool Payments and Charges | |
| IROL-CIP Payment | Cumulative total of all Schedule 17 IROL-CIP Payments. |
| IROL-CIP Charge | Cumulative total of all Schedule 17 IROL-CIP Charges. |
| Customer Payments | |
| IROL-CIP Payment | Customer Schedule 17 IROL-CIP Payments. |
| IROL-CIP Charge | Customer Schedule 17 IROL-CIP Charges. |
| Customer Asset Payments | |
| IROL-Critical Facility ID | ID of generator or transmission asset (non energy asset). |
| IROL-Critical Facility Name | Name of generator or transmission asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| IROL-CIP Order Cost | The critical facility's IROL-CIP Order Cost for the settlement month. |
| Ownership Share | The customer's ownership share of the facility on the first day of the settlement month. |
| IROL-CIP Payment | Customer's share of the facility's IROL-CIP Order Cost based on the Ownership Share of the facility. |
| Customer Charges | |
| Monthly Regional Network Load Value | Values submitted by transmission owner for the Regional Network Load for each customer. |
| Monthly Regional Pool Network Load Value | Values represents monthly total Regional Network Load value in the pool. |
| Average TOUT MW | Average Reservation Amount per hour in month. |
| Pool Average TOUT MW | Sum of all customers' Average TOUT MW. |
| Pool IROL-CIP Payment | Sum of all customers' IROL-CIP Payments. |
| IROL-CIP Charge | Pro-rata share of the Pool IROL-CIP Payment based on the sum of the Network Load Value and Average TOUT MW. |
| Subaccount Charges | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Monthly Regional Network Load Value | Sum of all subaccounts' Regional Network Load values. |
| Monthly Regional Pool Network Load Value | Sum of all subaccounts' Regional Network Load values. |
| Average TOUT MW | Average Reservation Amount per subaccount and hour in month. |

SD_IROL-CIP – IROL-CIP Monthly Credits and Charges Report – Rev 0

SD_IROL-CIP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-------------------------------------|---|
| Pool Average TOUT MW | Sum of all subaccounts' Average TOUT MW. |
| Pool IROL-CIP Payment | Sum of all subaccounts' IROL-CIP Payments. |
| IROL-CIP Charge | Pro-rata share of the Pool IROL-CIP Payment based on the sum of the Network Load Value and Average TOUT MW. |
| IROL -CIP Detail | |
| IROL-Critical Facility ID | ID of generator or transmission asset (non energy asset). |
| IROL-Critical Facility Name | Name of generator or transmission asset. |
| IROL-CIP FERC Order ID | A unique identifier for the FERC Approved IROL-CIP Order. |
| IROL-CIP Order Begin Date | The start date of the IROL-CIP Payment related to the IROL-CIP FERC Order. |
| IROL-CIP Order End Date | The end date of the IROL-CIP Payment related to the IROL-CIP FERC Order. |
| IROL-CIP Order Cost | Annual amount of ongoing expenses approved by IROL-CIP FERC Order. |
| Regional Network Load | |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number |
| Monthly Regional Network Load Value | Values submitted by transmission owner for the Regional Network Load for each customer. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Regional Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Transmission Reservation Detail | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| OASIS Assignment Reference | Number assigned in the Open Access Same Time Information System (OASIS) for this reservation. |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |

SD_IROLCIP – IROL-CIP Monthly Credits and Charges Report – Rev 0

SD_IROLCIP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Transmission Priority | Type of reservation requested for this time period. |
| Duration | Time period requested for this reservation. |
| Start Date | The local day and hour upon which the reservation begins. |
| End Date | The local day and hour upon which the reservation ends. |
| Reservation Amount | Amount of megawatt hours (MWh) reserved for this reservation |
| Subaccount Payments and Charges | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| IROL-CIP Payments | Subaccount share of customer's IROL-CIP Payments. |
| IROL-CIP Charges | Subaccount share of customer's IROL-CIP Charges. |

| SD_IROLCIP Change Summary | Effective Date |
|---------------------------|----------------|
| New. | 01.01.2021 |

| SD_IROLCIPSUB– IROL-CIP Monthly Credits and Charges Subaccount– Rev 0 SD_IROLCIPSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Customer Asset Payments | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| IROL-Critical Facility ID | ID of generator or transmission asset (non-energy asset). |
| IROL-Critical Facility Name | Name of generator or transmission asset. |
| IROL-CIP Order Cost | The critical facility's IROL-CIP Order Cost for the settlement month. |
| Ownership Share | The customer's ownership share of the facility on the first day of the settlement month. |
| IROL-CIP Payment | Customer's share of the facility's IROL-CIP Order Cost based on the Ownership Share of the facility. |
| Subaccount Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Monthly Regional Network Load Value | Sum of all subaccounts' Regional Network Load values. |
| Monthly Regional Pool Network Load Value | Sum of all subaccounts' Regional Network Load values. |
| Average TOUT MW | Average Reservation Amount per subaccount and hour in month. |
| Pool Average TOUT MW | Sum of all subaccounts' Average TOUT MW. |
| Pool IROL-CIP Payment | Sum of all subaccounts' IROL-CIP Payments. |
| IROL-CIP Charge | Pro-rata share of the Pool IROL-CIP Payment based on the sum of the Network Load Value and Average TOUT MW. |
| Regional Network Load | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface(UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Monthly Regional Network Load Value | Values submitted by transmission owner for the Regional Network Load for each customer. |
| Transmission Reservation Detail | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| OASIS Assignment Reference | Number assigned in the Open Access Same Time Information System (OASIS) for this reservation |

| SD_IROLCIPSUB– IROL-CIP Monthly Credits and Charges Subaccount– Rev 0 SD_IROLCIPSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Transmission Priority | Type of reservation requested for this time period. |
| Duration | Time period requested for this reservation. |
| Start Date | The local day and hour upon which the reservation begins. |
| End Date | The local day and hour upon which the reservation ends. |
| Reservation Amount | Amount of megawatt hours (MWh) reserved for this reservation. |
| Subaccount Payments and Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| IROL-CIP Payments | Subaccount share of customer's IROL-CIP Payments. |
| IROL-CIP Charges | Subaccount share of customer's IROL-CIP Charges. |

| | |
|-------------------------------------|-----------------------|
| SD_IROLCIPSUB Change Summary | Effective Date |
| New. | 11.01.2022 |

SD_MONTHLYEPOH – Monthly Equivalent Planned Outage Hours Settlement Detail Report – RETIRED

SD_MONTHLYEPOH_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly market report available to Forward Capacity Market Customers who are Lead Market Participants for a generator or import resource. This report will be issued after each obligation month before the initial settlement of the Forward Capacity Market and may be reissued prior to the data reconciliation settlement.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Asset Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the generating asset. |
| Asset Name | Name of the generating asset. |
| Planned Outage Reduction MW | The MW value of the outage for the generating asset submitted with the outage request. Only Planned Outages where the customer opted to have the outage MW considered exempt from Availability Penalties are included. |
| Seasonal Claimed Capability | The Summer (SCC-S) or Winter (SCC-W) Claimed Capability of the generating asset in MW quantity. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Resource Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Included types are: Generator and Import. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. |
| Resource Total SCC | The sum of Seasonal Claimed Capability for generating assets associated to the Resource. |
| Resource Planned Outage Reduction MW | The sum of the lesser of the Planned Outage Reduction MW or the Seasonal Claimed Capability for generating assets associated to the Resource. |
| Resource Planned Outage Limit MW | The greater of zero, or the Resource Total SCC minus the Resource Planned Outage Reduction MW. |
| Preliminary Resource Eligible Exempt MW | The greater of zero, or the Capacity Supply Obligation minus the Resource Planned Outage Limit MW. |
| Resource Eligible Exempt MW | If the Remaining Available CP Allotment Hours are zero, then zero, otherwise the product of the lesser of the Resource Planned Outage Reduction MW or the Preliminary Resource Eligible Exempt MW |

SD_MONTHLYEPOH – Monthly Equivalent Planned Outage Hours Settlement Detail Report – RETIRED

SD_MONTHLYEPOH_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly market report available to Forward Capacity Market Customers who are Lead Market Participants for a generator or import resource. This report will be issued after each obligation month before the initial settlement of the Forward Capacity Market and may be reissued prior to the data reconciliation settlement.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | multiplied by the quotient of the EPOH Exemption divided by the Initial EPOH Exemption. |
| Available CP Allotment Hours | The outage allotment hours available to the Resource as of the beginning of the Capacity Commitment Period. This value will be positive or zero. |
| Remaining Available CP Allotment Hours | The outage allotment hours available to the Resource as of the Trading Date and Interval. This value reflects all EPOH Exemption usage since the beginning of the Capacity Commitment Period and will be positive or zero. |
| Initial EPOH Exemption | The quotient of the lesser of the Resource Planned Outage Reduction MW or the Preliminary Resource Eligible Exempt MW divided by the Capacity Supply Obligation. |
| EPOH Exemption | The lesser of the Initial EPOH Exemption or the Remaining Available CP Allotment Hours. |
| Cumulative EPOH Exemption | The outage allotment hours used by the Resource as of the beginning of the Trading Date and Interval. This value reflects all EPOH Exemption usage since the beginning of the Capacity Commitment Period and will be positive or zero. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_MONTHLYEPOH Change Summary | Effective Date |
|--|----------------|
| Retired. | 06.01.2018 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Asset” and “Resource” sections. | 08.01.2015 |
| Modified. New column in Resource section entitled "Cumulative EPOH Exemption". This new column will be reported for both the initial settlement effective June 1st 2011 and any resettlements prior to June 1st 2011. | 06.01.2011 |
| New. | 06.01.2010 |

| SD_MPLS – Multiprotocol Label Switching Billing – Rev 1 | |
|--|--|
| SD_MPLS_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month. | |
| REPORT COLUMN | DESCRIPTION |
| CUSTOMER CHARGES | |
| Month | The vendor service month for MPLS circuit charges |
| Subaccount ID | Subaccount ID No value is reported in this column when subaccount reporting is not enabled |
| Subaccount Name | Subaccount Name No value is reported in this column when subaccount reporting is not enabled |
| Vendor Activity Type | Appropriate values are: <ul style="list-style-type: none"> • MPLS Wired Service I • MPLS Wired Service II • MPLS Wired Service III • MPLS Wireless Service I • MPLS Wireless Service II • MPLS Wireless Service III • MPLS Wireless Service IV • MPLS Installation |
| Host Name | Name of the ISO Communications Front End connected Remote Terminal Unit (RTU) used to indicate an asset has Electronic Dispatch Capability. |
| MPLS Charge Amount | Total MPLS charge amount for this allocation. This value is typically negative. |
| Comments | Comments |

| SD_MPLS Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure, new line items of “MPLS Wired Service I”, “MPLS Wired Service II”, “MPLS Wired Service III”, “MPLS Wireless Service I”, “MPLS Wireless Service II”, “MPLS Wireless Service III”, “MPLS Wireless Service IV”, “MPLS Installation” in the “Vendor Activity Type” column. | 03.01.2025 |
| New. | 12.01.2021 |

| SD_MTFTR – Monthly FTR Target Allocations Report – Rev 3 SD_MTFTR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly report of FTR settlement available to FTR Holders | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Pool Values | |
| Beginning Balance Congestion Revenue Fund (surplus from previous month) | The ending balance from the previous month |
| Congestion Revenue Fund Adjustment | Settlement defined value of adjustments to the balance of the Congestion Revenue Fund. |
| Monthly Day-Ahead Pool Congestion Revenue | Monthly sum of all Hourly Day Ahead Congestion Revenue for all Participants for all Locations. |
| Monthly Real-Time Pool Congestion Revenue | Monthly sum of all Real-Time Congestion Revenue for all Participants for all Locations. |
| Monthly Pool Negative Target Allocations | Monthly sum of all Hourly Negative Target Allocations (a negative dollar value). |
| Monthly Pool Positive Target Allocations | Monthly sum of all Hourly Positive Target Allocations. |
| Monthly Congestion Revenue Surplus or Shortfall | Beginning Balance Congestion Revenue Fund plus Congestion Revenue Fund Adjustment plus Monthly Day-Ahead Pool Congestion Revenue plus Monthly Real-Time Pool Congestion Revenue minus Monthly Pool Negative Target Allocations minus Monthly Pool Positive Target Allocations. (Positive is a surplus; Negative is a shortfall) |
| Ending Balance Congestion Revenue Fund | Equal to the amount of Congestion Revenue Surplus (if shortfall, then equals zero). |
| Customer Values | |
| Monthly Negative Target Allocation | Monthly sum of all Hourly Negative Target Allocations for the FTR Holder. |
| Monthly Positive Target Allocation | Monthly sum of all Hourly Positive Target Allocations for the FTR Holder. |
| Monthly Congestion Shortfall Adjustment | An FTR Holder's share of Monthly Congestion Revenue Shortfall (Monthly Congestion Revenue Shortfall multiplied by (Monthly Positive Target Allocations divided by Monthly Pool Positive Target Allocations)). |
| Monthly Congestion Payment | An FTR Holder's net charge or credit for the Month. (Monthly Negative Target Allocations (a negative dollar value) plus Monthly Positive Target Allocations plus Monthly Congestion Revenue Shortfall Adjustment)) A positive value indicates a payment and negative value indicates a charge. |
| Subaccount Values | |

SD_MTFTR – Monthly FTR Target Allocations Report – Rev 3

SD_MTFTR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly report of FTR settlement available to FTR Holders

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Monthly Negative Target Allocations | Monthly sum of all Hourly Negative Target Allocations for the FTR Holder's subaccount. |
| Monthly Positive Target Allocations | Monthly sum of all Hourly Positive Target Allocations for the FTR Holder's subaccount. |
| Monthly Congestion Shortfall Adjustment | An FTR Holder's subaccount share of Monthly Congestion Revenue Shortfall (Monthly Congestion Revenue Shortfall multiplied by (Monthly Positive Target Allocations divided by Monthly Pool Positive Target Allocations)). |
| Monthly Congestion Payment | An FTR Holder's subaccount share of net charge or credit for the Month. (Monthly Negative Target Allocations (a negative dollar value) plus Monthly Positive Target Allocations plus Monthly Congestion Revenue Shortfall Adjustment) A positive value indicates a payment and negative value indicates a charge. |

| SD_MTFTR Change Summary | Effective Date |
|---|----------------|
| Modified. New section "Subaccount Values" is formatted for future FTR Divisional Accounting updates. | 09.17.2019 |
| Existing. | 01.01.2001 |

| SD_MTFTRSUB – Monthly FTR Target Allocations Subaccount – Rev 0 | |
|---|---|
| SD_MTFTRSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly report of FTR settlement available to FTR Holders. | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Monthly Negative Target Allocations | Monthly sum of all Hourly Negative Target Allocations for the FTR Holder's subaccount. |
| Monthly Positive Target Allocations | Monthly sum of all Hourly Positive Target Allocations for the FTR Holder's subaccount. |
| Monthly Congestion Shortfall Adjustment | An FTR Holder's subaccount share of Monthly Congestion Revenue Shortfall. (Monthly Congestion Revenue Shortfall \times (Monthly Positive Target Allocations / Monthly Pool Positive Target Allocations)) |
| Monthly Congestion Payment | An FTR Holder's subaccount share of net charge or credit for the Month. (Monthly Negative Target Allocations (a negative dollar value) + Monthly Positive Target Allocations + Monthly Congestion Revenue Shortfall Adjustment) A positive value indicates a payment and negative value indicates a charge. |

| SD_MTFTRSUB Change Summary | Effective Date |
|----------------------------|----------------|
| New. | 11.01.2022 |

SD_REGDTL – Regulation Unit Detail Report – *RETIRED*

SD_REGDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Regulation Service Offer Price | Customer offer price (\$/MW) to provide Regulation Service. |
| Regulation Interval Performance Score | Score ranging from 0 to 1 that evaluates how well a regulation asset followed its Automatic Generation Control (AGC) Setpoint within a Regulation Interval. |
| Regulation Service Cost | Resource specific cost of providing Regulation Service. It is the product of Regulation Service, Regulation Service Offer Price, and Regulation Interval Performance Score. |
| Regulation Capacity Offer Price | Customer offer price (\$/MW) to provide Regulation Capacity. |
| Regulation Inter-temporal Opportunity Costs | Customer offer price (\$/MW) of Regulation Inter-temporal Opportunity Costs. |
| Regulation Capacity Cost | Resource specific cost of providing Regulation Capacity. Regulation Capacity Cost is the product of Minutes on Regulation/60, Regulation Capacity, the sum of Regulation Capacity Offer Price and Regulation Inter-temporal Opportunity Costs, and Regulation Interval Performance Score. |
| Regulation Opportunity Cost | <p>Effective March 1, 2017, the sum of the five-minute Regulation Opportunity Cost values for the hour. This value will be zero for non-generating resources.</p> <p>Prior to March 1, 2017: Regulation Opportunity Cost is calculated when a resource participating in the energy market gets dispatched above or below its Economic Level while successfully providing regulation. This value will be zero for non-generating resources.</p> |
| Regulation Opportunity Cost Type | <p>Effective March 1, 2017, this value will be reported as NULL.</p> <p>Prior to March 1, 2017: Specifies ROC types, as follows: OOM UPLIFT = Out Of Merit Uplift LOC = Lost Opportunity Cost N/A = Type Not Applicable (ROC = 0)</p> |
| Total Regulation Cost | Resource specific sum of Regulation Service Cost, Regulation Capacity Cost and Regulation Opportunity Cost. This cost will be used to determine if the Resource will be paid a Make Whole Cost Payment. |
| Regulation Service | Regulation Service is the change in output or consumption made in response to changing AGC Setpoints. |

| SD_REGDTL – Regulation Unit Detail Report – <i>RETIRED</i> SD_REGDTL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Regulation Service Credit | Regulation Service Credit is product of the Regulation Service, Regulation Service Clearing Price and Regulation Interval Performance Score. |
| Minutes on Regulation | Portion of the clock hour that a resource is providing regulation. |
| Regulation Capacity | Hourly integrated value of the regulation capability while regulating. |
| Regulation Capacity Credit | Regulation Capacity Credit is the product of Minutes on Regulation/60, Regulation Capacity, Regulation Capacity Clearing Price, and the Regulation Interval Performance Score. |
| Regulation Payment | Resource specific sum of the Regulation Service Credit and the Regulation Capacity Credit. This payment will be used to determine if the resource will be paid a Make Whole Cost Payment. |
| Regulation Make Whole Cost Payment | Total Regulation Cost minus the Regulation Payment. If the Total Regulation Cost is less than the Regulation Payment, then the Regulation Make Whole Cost Payment is zero. |
| Regulation MWh | Hourly integrated value of the MWh delivered in relation to the Regulation Capacity. |
| Perfect AGC Output While Regulating | Output level at which the resource should be operating while regulating if following its AGC Setpoint value at its claimed Automatic Response Rate without delay. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Customer Share of Regulation MWh | Customer's share of the Regulation MWh based on the ownership share of the resource. |
| Customer Share of Regulation Service Credit | Customer's share of the Regulation Service Credit based on the ownership share of the resource. |
| Customer Share of Regulation Capacity Credit | Customer's share of the Regulation Capacity Credit based on the ownership share of the resource. |
| Customer Share of Regulation Opportunity Cost | Customer's share of the Regulation Opportunity Cost based on the ownership share of the resource. |
| Customer Share of Regulation Make Whole Cost Payment | Customer's share of the Regulation Make Whole Cost Payment based on the Ownership Share of the resource. |
| Regulation Opportunity Cost – OOM Uplift | The sum of the five minute Regulation Opportunity Cost designated as Out of Merit Uplift for the hour. |
| Regulation Opportunity Cost – LOC | The sum of the five minute Regulation Opportunity Cost designated as LOC for the hour. |
| Regulation Up Reserve Charge | The sum of the five minute Regulation Up Reserve Charge for the hour. |
| Customer Share of ROC OOM Uplift | Customer's share of the Regulation Opportunity Cost OOM Uplift based on the Ownership Share of the resource. |
| Customer Share of ROC LOC | Customer's share of the Regulation Opportunity Cost LOC based on the Ownership Share of the resource. |
| Customer Share of Regulation Up Reserve Charge | Customer's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |

| SD_REGDTL Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day November 30, 2017. | 12.01.2017 |

| SD_REGDTL Change Summary | Effective Date |
|---|------------------|
| Modified. Updated descriptions: “Subaccount ID”, “Subaccount Name”, “Regulation Opportunity Cost”, “Regulation Opportunity Cost Type”; added columns “Regulation Opportunity Cost – OOM Uplift”, “Regulation Opportunity Cost – LOC”, “Regulation Up Reserve Charge”, “Customer Share of ROC OOM Uplift”, “Customer Share of ROC LOC”, and “Customer Share of Regulation Up Reserve Charge”. | 03.01.2017 |
| Modified. No change in report structure. The description of “Regulation Opportunity Cost” was revised. | 03.31.2015 |
| New. The Rev 0 version was never released. | To be determined |

SD_REGDTL5MIN – Regulation Five Minute Unit Detail Report – Rev 3

SD_REGDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Opportunity Cost Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Opportunity Price | The MW weighted average Supply Offer price for the energy associated with the MW's between the Economic Level and Perfect AGC Output While Regulating. |
| Economic Level | The Resource's expected dispatch level if it had been dispatched in economic merit order. |
| Perfect AGC Output While Regulating | Output level at which the resource should be operating while regulating if following its AGC Setpoint value at its claimed Automatic Response Rate without delay. |
| Minutes on Regulation | The number of minutes the resource was on regulation during the Trading Interval. |
| Regulation Opportunity Cost | Regulation Opportunity Cost is the product of Minutes on Regulation divided by five, absolute difference between LMP and Opportunity Price and absolute difference between Economic Level and Perfect AGC Output While Regulating, divided by 12. This value will be zero for non-generating resources. |
| Regulation Opportunity Cost Type | Specifies ROC types, as follows: OOM UPLIFT = Out Of Merit Uplift LOC = Lost Opportunity Cost N/A = Type Not Applicable (ROC = 0) |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Customer Share of Regulation Opportunity Cost | Customer's share of the Regulation Opportunity Cost based on the Ownership Share of the resource. |
| Regulation Up Reserve Charge Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |

SD_REGDTL5MIN – Regulation Five Minute Unit Detail Report – Rev 3

SD_REGDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Regulation High Limit | The highest level of energy of the resource while it is providing regulation, in MW, submitted by the Customer. |
| Telemetered MW | Telemetry value for the five-minute Trading Interval. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute Trading Interval. |
| Regulation Capacity | The lesser of five times the Automatic Response Rate, and one-half of the difference between the Regulation High Limit and the Regulation Low Limit of a Resource capable of providing Regulation. |
| Regulation Up MW | The lesser of: the difference between Regulation High Limit and Telemetered MW, the difference between Regulation High Limit and Energy Quantity, and Regulation Capacity. If this value is negative, it will be set to zero. |
| Real-Time Reserve Market TMSR Clearing Price | The Real-Time Reserve Market TMSR Clearing Price for the reserve zone the asset is located in. |
| Regulation Selector Price | The Locational Marginal Price used during the Regulation selection process. |
| Regulation Up Reserve Charge | Regulation Up Reserve Charge is the Regulation Up MW multiplied by the Minutes on Regulation divided by five, and the minimum of the applicable Real-Time Reserve Price and Regulation Selector Price, divided by 12. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Customer Share of Regulation Up Reserve Charge | Customer's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |
| Real-Time Reserve Market TMNSR Clearing Price | The Real-Time Reserve Market TMNSR Clearing Price for the reserve zone the asset is located in. |
| Regulation Unit Detail Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Regulation Interval Performance Score | Score ranging from 0 to 1 that evaluates how well a regulation resource followed its Automatic Generation Control (AGC) Setpoint within an interval. |

SD_REGDTL5MIN – Regulation Five Minute Unit Detail Report – Rev 3

SD_REGDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Evaluation Flag | Indicates that a resource is currently in test environment. |
| Regulation Service Offer Price | Customer offer price (\$/MWh) to provide Regulation Service. |
| Regulation Service Clearing Price | Regulation Service Clearing Price for the interval, as defined in Market Rule 1. |
| Regulation Service | Regulation Service is the change in output or consumption made in response to changing AGC Setpoints. |
| Regulation Service Cost | Resource specific cost of providing Regulation Service. It is the product of Regulation Service, Regulation Service Offer Price, and Regulation Interval Performance Score. |
| Regulation Service Credit | Regulation Service Credit is the product of Regulation Service, Regulation Service Clearing Price, and Regulation Interval Performance Score. |
| Minutes on Regulation | Portion of the trading interval that a resource is providing Regulation. |
| Regulation Capacity | The lesser of five times the Automatic Response Rate, and one-half of the difference between the Regulation High Limit and the Regulation Low Limit of a Resource capable of providing Regulation. |
| Regulation Capacity Offer Price | Customer offer price (\$/MWh) to provide Regulation Capacity. |
| Regulation Inter-temporal Opportunity Costs | Customer offer price (\$/MWh) of Regulation Inter-temporal Opportunity Costs. |
| Regulation Capacity Clearing Price | Regulation Capacity Clearing Price for the interval, as defined in Market Rule 1. |
| Regulation Capacity Cost | Resource specific cost of providing Regulation Capacity. Regulation Capacity Cost is the product of Minutes on Regulation/5, Regulation Capacity, the sum of Regulation Capacity Offer Price and Regulation Inter-temporal Opportunity Costs, and Regulation Interval Performance Score, divided by 12. |
| Regulation Capacity Credit | Regulation Capacity Credit is the product of Minutes on Regulation/5, Regulation Capacity, Regulation Capacity Clearing Price, and Regulation Interval Performance Score, divided by 12. |
| Regulation Opportunity Cost | Regulation Opportunity Cost is the product of Minutes on Regulation divided by five, absolute difference between LMP and Opportunity Price and absolute difference between Economic Level and Perfect AGC Output While Regulating, divided by 12. This value will be zero for non-generating resources. |
| Regulation Payment | Resource specific sum of Regulation Service Credit and Regulation Capacity Credit. This payment will be used to determine if the resource will be paid a Regulation Make Whole Cost Payment. |
| Total Regulation Cost | Resource specific sum of Regulation Service Cost, Regulation Cost and Regulation Opportunity Cost. This cost will be used to determine if the Resource will be paid a Regulation Make Whole Cost Payment. |
| Regulation Make Whole Cost Payment | Total Regulation Cost minus the Regulation Payment. If the Total Regulation Cost is less than the Regulation Payment, then the Regulation Make Whole Cost Payment is zero. |
| Regulation Up Reserve Charge | Regulation Up Reserve Charge is the Regulation Up MW multiplied by the Minutes on Regulation divided by five, and the minimum of the applicable Real-Time Reserve Price and Regulation Selector Price, divided by 12. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of |

SD_REGDTL5MIN – Regulation Five Minute Unit Detail Report – Rev 3

SD_REGDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | all credits or charges associated with a resource. |
| Customer Share of Regulation Service Credit | Customer's share of the Regulation Service Credit based on the Ownership Share of the resource. |
| Customer Share of Regulation Capacity Credit | Customer's share of the Regulation Capacity Credit based on the Ownership Share of the resource. |
| Customer Share of Regulation Make Whole Cost Payment | Customer's share of the Regulation Make Whole Cost Payment based on the Ownership Share of the resource. |
| Customer Share of Regulation Up Reserve Charge | Customer's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |

| SD_REGDTL5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. In "Regulation Up Reserve Charge Section": added new column for Real-Time Reserve Market TMNSR Clearing Price. | 04.01.2020 |
| Modified. In "Regulation Up Reserve Charge Section": modified description of "Regulation Up Reserve Charge". In "Regulation Unit Detail Section": modified description of "Regulation Up Reserve Charge". | 04.01.2019 |
| Modified. Added Regulation Unit Detail section. | 12.01.2017 |
| New. Update to previously posted Draft report description document: in the "Opportunity Cost Section", modified description of "Regulation Opportunity Cost"; in the "Regulation Up Reserve Charge Section", modified description of "Regulation Up MW". | 03.01.2017 |

| SD_REGDTL5MINSUB – Regulation Five Minute Unit Detail Subaccount Report – Rev 0 SD_REGDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Opportunity Cost Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Opportunity Price | The MW weighted average Supply Offer price for the energy associated with the MW's between the Economic Level and Perfect AGC Output While Regulating. |
| Economic Level | The Resource's expected dispatch level if it had been dispatched in economic merit order. |
| Perfect AGC Output While Regulating | Output level at which the resource should be operating while regulating if following its AGC Setpoint value at its claimed Automatic Response Rate without delay. |
| Minutes on Regulation | The number of minutes the resource was on regulation during the Trading Interval. |
| Regulation Opportunity Cost | Regulation Opportunity Cost is the product of Minutes on Regulation divided by five, absolute difference between LMP and Opportunity Price and absolute difference between Economic Level and Perfect AGC Output While Regulating, divided by 12. This value will be zero for non-generating resources. |
| Regulation Opportunity Cost Type | Specifies ROC types, as follows: OOM UPLIFT = Out Of Merit Uplift LOC = Lost Opportunity Cost N/A = Type Not Applicable (ROC = 0) |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Subaccount Share of Regulation Opportunity Cost | Subaccount's share of the Regulation Opportunity Cost based on the Ownership Share of the resource. |
| Regulation Up Reserve Charge Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |

SD_REGDTL5MINSUB – Regulation Five Minute Unit Detail Subaccount Report – Rev 0

SD_REGDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Asset Name | Name of the asset. |
| Regulation High Limit | The highest level of energy of the resource while it is providing regulation, in MW, submitted by the Subaccount. |
| Telemetered MW | Telemetry value for the five-minute Trading Interval. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute Trading Interval. |
| Regulation Capacity | The lesser of five times the Automatic Response Rate, and one-half of the difference between the Regulation High Limit and the Regulation Low Limit of a Resource capable of providing Regulation. |
| Regulation Up MW | The lesser of: the difference between Regulation High Limit and Telemetered MW, the difference between Regulation High Limit and Energy Quantity, and Regulation Capacity. If this value is negative, it will be set to zero. |
| Real-Time Reserve Market TMSR Clearing Price | The Real-Time Reserve Market TMSR Clearing Price for the reserve zone the asset is located in. |
| Real-Time Reserve Market TMNSR Clearing Price | The Real-Time Reserve Market TMNSR Clearing Price for the reserve zone the asset is located in. |
| Regulation Selector Price | The Locational Marginal Price used during the Regulation selection process. |
| Regulation Up Reserve Charge | Regulation Up Reserve Charge is the Regulation Up MW multiplied by the Minutes on Regulation divided by five, and the minimum of the applicable Real-Time Reserve Price and Regulation Selector Price, divided by 12. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Subaccount Share of Regulation Up Reserve Charge | Subaccount's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |
| Regulation Unit Detail Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Regulation Interval Performance Score | Score ranging from 0 to 1 that evaluates how well a regulation resource followed its Automatic Generation Control (AGC) Setpoint within an interval. |
| Evaluation Flag | Indicates that a resource is currently in test environment. |
| Regulation Service Offer Price | Customer offer price (\$/MWh) to provide Regulation Service. |
| Regulation Service Clearing Price | Regulation Service Clearing Price for the interval, as defined in Market Rule 1. |

| SD_REGDTL5MINSUB – Regulation Five Minute Unit Detail Subaccount Report – Rev 0 SD_REGDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Regulation Service | Regulation Service is the change in output or consumption made in response to changing AGC Setpoints. |
| Regulation Service Cost | Resource specific cost of providing Regulation Service. It is the product of Regulation Service, Regulation Service Offer Price, and Regulation Interval Performance Score. |
| Regulation Service Credit | Regulation Service Credit is the product of Regulation Service, Regulation Service Clearing Price, and Regulation Interval Performance Score. |
| Minutes on Regulation | Portion of the trading interval that a resource is providing Regulation. |
| Regulation Capacity | The lesser of five times the Automatic Response Rate, and one-half of the difference between the Regulation High Limit and the Regulation Low Limit of a Resource capable of providing Regulation. |
| Regulation Capacity Offer Price | Customer offer price (\$/MWh) to provide Regulation Capacity. |
| Regulation Inter-temporal Opportunity Costs | Customer offer price (\$/MWh) of Regulation Inter-temporal Opportunity Costs. |
| Regulation Capacity Clearing Price | Regulation Capacity Clearing Price for the interval, as defined in Market Rule 1. |
| Regulation Capacity Cost | Resource specific cost of providing Regulation Capacity. Regulation Capacity Cost is the product of Minutes on Regulation/5, Regulation Capacity, the sum of Regulation Capacity Offer Price and Regulation Inter-temporal Opportunity Costs, and Regulation Interval Performance Score, divided by 12. |
| Regulation Capacity Credit | Regulation Capacity Credit is the product of Minutes on Regulation/5, Regulation Capacity, Regulation Capacity Clearing Price, and Regulation Interval Performance Score, divided by 12. |
| Regulation Opportunity Cost | Regulation Opportunity Cost is the product of Minutes on Regulation divided by five, absolute difference between LMP and Opportunity Price and absolute difference between Economic Level and Perfect AGC Output While Regulating, divided by 12. This value will be zero for non-generating resources. |
| Regulation Payment | Resource specific sum of Regulation Service Credit and Regulation Capacity Credit. This payment will be used to determine if the resource will be paid a Regulation Make Whole Cost Payment. |
| Total Regulation Cost | Resource specific sum of Regulation Service Cost, Regulation Cost and Regulation Opportunity Cost. This cost will be used to determine if the Resource will be paid a Regulation Make Whole Cost Payment. |
| Regulation Make Whole Cost Payment | Total Regulation Cost minus the Regulation Payment. If the Total Regulation Cost is less than the Regulation Payment, then the Regulation Make Whole Cost Payment is zero. |
| Regulation Up Reserve Charge | Regulation Up Reserve Charge is the Regulation Up MW multiplied by the Minutes on Regulation divided by five, and the minimum of the applicable Real-Time Reserve Price and Regulation Selector Price, divided by 12. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Subaccount Share of Regulation Service Credit | Subaccount's share of the Regulation Service Credit based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Capacity Credit | Subaccount's share of the Regulation Capacity Credit based on the Ownership Share of the resource. |

SD_REGDTL5MINSUB – Regulation Five Minute Unit Detail Subaccount Report – Rev 0

SD_REGDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount Share of Regulation Make Whole Cost Payment | Subaccount's share of the Regulation Make Whole Cost Payment based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Up Reserve Charge | Subaccount's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |

| SD_REGDTL5MINSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 01.01.2021 |

SD_REGHRLYDTL – Regulation Hourly Unit Detail Report – Rev 0

SD_REGHRLYDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Trading Interval | Specific hour for which information is reported. Numeric from 1-24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Regulation Service Cost | The sum of the five-minute Regulation Service Cost for the hour. |
| Regulation Capacity Cost | The sum of the five-minute Regulation Capacity Cost for the hour. |
| Regulation Opportunity Cost | The sum of the five-minute Regulation Opportunity Cost for the hour. |
| Total Regulation Cost | The sum of the five-minute Total Regulation Cost for the hour. |
| Regulation Service Credit | The sum of the five-minute Regulation Service Credit for the hour. |
| Regulation Capacity Credit | The sum of the five-minute Regulation Capacity Credit for the hour. |
| Regulation Payment | The sum of the five-minute Regulation Payment for the hour. |
| Regulation Make Whole Cost Payment | The sum of the five-minute Regulation Make Whole Cost Payment for the hour. |
| Regulation Up Reserve Charge | The sum of the five-minute Regulation Up Reserve Charge for the hour. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Customer Share of Regulation Service Credit | Customer's share of the Regulation Service Credit based on the Ownership Share of the resource. |
| Customer Share of Regulation Capacity Credit | Customer's share of the Regulation Capacity Credit based on the Ownership Share of the resource. |
| Customer Share of Regulation Opportunity Cost | Customer's share of the Regulation Opportunity Cost based on the Ownership Share of the resource. |
| Customer Share of Regulation Make Whole Cost Payment | Customer's share of the Regulation Make Whole Cost Payment based on the Ownership Share of the resource. |
| Customer Share of Regulation Up Reserve Charge | Customer's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |

| SD_REGHRLYDTL Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 12.01.2017 |

SD_REGHRLYDTLSUB – Regulation Hourly Unit Detail Subaccount Report – Rev 0
SD_REGHRLYDTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Subaccount Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which information is reported. Numeric from 1-24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Regulation Service Cost | The sum of the five-minute Regulation Service Cost for the hour. |
| Regulation Capacity Cost | The sum of the five-minute Regulation Capacity Cost for the hour. |
| Regulation Opportunity Cost | The sum of the five-minute Regulation Opportunity Cost for the hour. |
| Total Regulation Cost | The sum of the five-minute Total Regulation Cost for the hour. |
| Regulation Service Credit | The sum of the five-minute Regulation Service Credit for the hour. |
| Regulation Capacity Credit | The sum of the five-minute Regulation Capacity Credit for the hour. |
| Regulation Payment | The sum of the five-minute Regulation Payment for the hour. |
| Regulation Make Whole Cost Payment | The sum of the five-minute Regulation Make Whole Cost Payment for the hour. |
| Regulation Up Reserve Charge | The sum of the five-minute Regulation Up Reserve Charge for the hour. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a resource. |
| Subaccount Share of Regulation Service Credit | Subaccount's share of the Regulation Service Credit based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Capacity Credit | Subaccount's share of the Regulation Capacity Credit based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Opportunity Cost | Subaccount's share of the Regulation Opportunity Cost based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Make Whole Cost Payment | Subaccount's share of the Regulation Make Whole Cost Payment based on the Ownership Share of the resource. |
| Subaccount Share of Regulation Up Reserve Charge | Subaccount's share of the Regulation Up Reserve Charge based on the Ownership Share of the resource. |

| | |
|--|-----------------------|
| SD_REGHRLYDTLSUB Change Summary | Effective Date |
| New. | 01.01.2021 |

SD_REGDTLASM – Regulation Unit Detail Report – *RETIRED*

SD_REGDTLASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is issued as part of the Regulation Market settlement. It provides the list of asset entitlements (net of ownership share and contractual entitlements and obligations) with associated product and financial quantities for a given Customer for a set of trading intervals. In addition to generating resources this report includes non-generating resources that are participating in the Alternative Technology Regulation (ATR) Pilot Program. One report is generated per customer per GMT day.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Asset name assigned from market system. |
| Regulation Service | Quantity of regulation provided in MWH. |
| Regulation Service Credits | Regulation Service Credit for generating resources is Regulation Service MW times the Regulation Clearing Price (RCP) times the Regulation Service to Capacity Ratio. Regulation Service Credit for non-generating resources is Regulation Service MW times Minutes on Regulation prorated by Fade Time times the Regulation Clearing Price (RCP) times the Regulation Service to Capacity Ratio. |
| Minutes on Regulation | Portion of the clock hour that a resource is providing regulation. |
| Minute on Must Regulate for Reliability | Portion of the clock hour that a generator is responding to a dispatch signal during regulation for reliability reasons. This value will be zero for non-generating resources. |
| Regulation Capacity | Hourly integrated value of the regulation capability while regulating in MWH. |
| Delivered Regulation | Hourly integrated value of the MWH delivered in relation to the Regulation Capacity. |
| Time on Regulation Credit | Time on Regulation Credit for generating resources is Minutes on Regulation (divided by 60) times the Regulation Capability of the unit, times the RCP. Time On Regulation Credit for non-generating resources is Minutes on Regulation reduced by Fade Time (divided by 60) times the Regulation Capability of the unit times the RCP. |
| Self Scheduled Regulation | Self Scheduled Regulation equals Delivered Regulation MWH if self scheduled minutes are greater than zero. Note that if a generating resource has been flagged for Must Regulate for Reliability, then the Self Scheduled Regulation is set to zero. |
| Pool Scheduled Regulation | Pool Scheduled Regulation equals Delivered Regulation MWH as long as the generating resource has not been Self Scheduled. This value will be zero for non-generating resources. |
| Regulation Offer Price | Offer Price per MW of Regulation provided. This value will be blank for non-generating resources. |
| Regulation Opportunity Cost | Cost of providing regulation during all or a portion of an hour by a pool scheduled generator. This value will be zero for non-generating resources. |
| Regulation Opportunity Cost Type | Specifies ROC types such as: OOM UPLIFT = Out Of Merit Uplift LOC = Lost Opportunity Cost N/A = Type Not Applicable (LOC = 0) |

SD_REGDTLASM – Regulation Unit Detail Report – *RETIRED*

SD_REGDTLASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is issued as part of the Regulation Market settlement. It provides the list of asset entitlements (net of ownership share and contractual entitlements and obligations) with associated product and financial quantities for a given Customer for a set of trading intervals. In addition to generating resources this report includes non-generating resources that are participating in the Alternative Technology Regulation (ATR) Pilot Program. One report is generated per customer per GMT day.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with a resource at a Node, where such resource is interconnected to the NEPOOL Transmission System. |
| Customer Share of Pool Scheduled Regulation | Customer's portion of the Pool Scheduled Regulation based on the ownership share of the generating unit. |
| Customer Share of Self Scheduled Regulation | Customer's portion of the Self Scheduled Regulation based on the ownership share of the resource. |
| Customer Share of Regulation Service Credits | Customer's portion of the Regulation Service Credit based on the ownership share of the resource. |
| Customer Share of Time on Regulation Credit | Customer's portion of Time on Regulation Credit based on the ownership share of the resource. |
| Customer Share of Regulation Opportunity Cost | Customer's portion of the Regulation Opportunity Cost based on the ownership share of the generating unit. |
| Fade Time | The number of minutes in an hour that a non-generating resource deviates from its regulation target outside of a specified tolerance. This will be blank for generating resources. |
| Perfect AGC Output While Regulating | Output level the resource should be at while regulating if following its AGC Setpoint value at its claimed ARR without delay. |
| Regulation Service Cost | Unit specific actual cost of providing Regulation equals the Regulation Service (MW) times Offer Price, times the Capacity-to-Service Ratio (CSR). |
| Time on Regulation Cost | Unit specific actual cost of Time on Regulation equals the number of Minutes on Regulation (divided by 60), times the Regulation Capability, times the Regulation Offer Price. |
| Total Regulation Cost | Unit specific sum of Regulation Service Cost, plus the Time on Regulation Cost, plus the Regulation Opportunity Cost. |
| Regulation Make Whole Cost | The maximum of the Total Regulation Cost minus the Regulation Payment, or zero. This value will be zero for non-generating resources. |
| Regulation Payment | Unit specific sum of the Regulation Service Credit and the Time On Regulation Credit. |
| Customer Share of Make Whole Cost | Customer's share of the unit specific Regulation Make Whole Cost based on their Ownership Share of the unit. |

| SD_REGDTLASM Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day March 30, 2015. | 03.31.2015 |
| Modified. Updated descriptions of "Regulation Service Credit" and "Time On Regulation Credit". New columns: "Regulation Service Cost", "Time On Regulation Cost", "Total Regulation Cost", "Regulation Make Whole Cost", "Regulation Payment", and "Customer Share of Make Whole Cost". | 07.01.2013 |
| Existing. | 10.01.2005 |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Asset Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Eco Min / Consumption Min / Min Reduction | Lowest unrestricted level of Energy, in MW, of a Customer's Generating Unit, <i>or</i> lowest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> lowest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Eco Max / Consumption Max / Max Reduction | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit <i>or</i> highest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> highest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Implicit Self-Scheduled Regulation MWs | Regulation Output Level for a Unit that is Partially Self Scheduled for Regulation for the Hour. |
| RMR Flag | Unit flagged to provide Reliability Must Run support for a specified Reliability Region. |
| VAR Flag | Unit flagged to provide VAR (Volt Ampere Reactive) support. |
| Unit Status | Displays the Unit Status (Must Run, Economic, or Unavailable). |
| Day Ahead Cleared MWs | The number of MWs associated with a bid or offer cleared in the Day-Ahead Market. |
| Energy Quantity | The Metered Quantity for Settlement for the hourly trading interval. |
| Forward Reserve Ramp Rate | Ramp rate used to calculate ramping capability in 10 or 30 minutes. |
| Forward Reserve Threshold Price | Daily price calculated by multiplying a heat rate times a fuel index. The heat rate will remain constant for the entire Forward Reserve Service Period (4/8 months), and the Fuel Index used each day will be the lesser of the Natural Gas or No. 2 Fuel Oil forward price index. |
| Calculation Method | The Unit Status will determine if a unit is on- or off-line, which will determine the method for calculating Qualifying MWs. |
| Forward Reserve Qualifying MWs | The asset's Forward Reserve Qualified MWs for an hour. |
| 10 Minute Claimed Capability | MWs of NPCC 10-Minute non-synchronous reserve that a Generating Unit or Dispatchable Asset Related Demand unit can provide. |
| Ramping Capability in 10 Minutes | Forward Reserve Ramp Rate in MW/Minute multiplied by the time of 10 Minutes. |
| Forward Reserve TMNSR Qualifying MWs | The quantity of 10-Minute Forward Reserve that qualifies in a specific Reserve Zone. Generators and Demand Response Resources: Off-line Forward TMNSR Reserve Qualifying MWs = Min [Asset Qualifying MWs, Claim10] On-line TMNSR Forward Reserve Qualifying MWs = Min [Asset Qualifying MWs, Reserve Ramp Rate * 10] Dispatchable Asset Related Demand: Min [Asset Qualifying MWs, Claim10] |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| 30 Minute Claimed Capability | MWs of NPCC 30-Minute non-synchronous reserve that a Generating Unit or Asset Related Demand unit can provide. |
| Ramping Capability in 30 Minutes | Forward Reserve Ramp Rate in MW/Minute multiplied by the time of 30 Minutes. |
| Forward Reserve TMOR Qualifying MWs | The quantity of 30-Minute Forward Reserve that qualifies in a specific Reserve Zone. <u>Generators and Demand Response Resources:</u> Off-line Forward TMOR Reserve Qualifying MWs = Min [Asset Qualifying MWs, Claim30] – Forward Reserve TMNSR Qualifying MWs On-line TMOR Forward Reserve Qualifying MWs = Min [Asset Qualifying MWs, Reserve Ramp Rate * 30] - Reserve TMNSR Qualifying MWs <u>Dispatchable Asset Related Demand:</u> Min [Asset Qualifying MWs, Claim30] - Reserve TMNSR Qualifying MWs |
| Forward Reserve Eligible | A flag indicating if the Resource meets the eligibility requirements to provide Forward Reserves, as detailed in Market Rule 1. |
| Day-Ahead Nodal LMP | The Day Ahead Locational Marginal Price for Energy at the Node at which the asset is located. |
| Real-Time Nodal LMP | The Real Time Locational Marginal Price for Energy at the Node at which the asset is located. |
| Real-Time TMNSR Reserve Market Clearing Price | Reserve Zone TMNSR Clearing Price, as defined in Market Rule 1. |
| Reserve Penalty Factor Portion of Real-Time TMNSR RMCP | The amount of the Real-Time TMNSR Reserve Market Clearing Price attributable to a Reserve Constraint Penalty Factor. |
| Forward Reserve Day-Ahead Energy Obligation Credit MW | This column will be reported as NULL. |
| Forward Reserve Real-Time Energy Obligation Credit MW | This column will be reported as NULL. |
| Forward Reserve Energy Obligation Credit Limit MW | This column will be reported as NULL. |
| Forward Reserve Adjusted Outage Exemption MWs | A Resource's MWs approved by the ISO for an annual scheduled maintenance outage or on a scheduled maintenance outage that has been moved at the ISO's request, limited to the Resource's seasonal claimed capability (Fast Start Generator) or the Resource's ramp rate * 30 (if not a Fast Start Generator). |
| Performance EcoMax / Performance Consumption Min | <u>Generators:</u> The Eco Max value, in MW, adjusted in Real-Time for a performance related reason. <u>Dispatchable Asset Related Demand:</u> The Consumption Min value, in MW, adjusted in Real-Time for a performance-related reason. |
| Performance Audit Flag | A flag indicating a Claim 10/30 test was performed during the Trading Interval. |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Real-Time External Transaction Sale MW | The sum of all External Transaction Sales in the Energy Market in which the following applies: <ul style="list-style-type: none"> • The Asset is backing the sale • The customer submitted the transaction • The Asset's Load Zone is directly adjacent to and electrically interconnected to External Node associated with the Sale • The transaction has been flagged as Local Second Contingency Commitment |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Energy Quantity Reduction | The Metered Load Reduction Quantity for Settlement for the hourly trading interval. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the hourly trading interval. |
| Forward Reserve Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with an asset. |
| Forward Reserve TMNSR Available MWs | The Forward Reserve TMNSR Qualifying MWs less any MWs from that resource delivered in a more constrained Reserve Zone. |
| Forward Reserve TMNSR Assigned MWs | The MWs designated by the Participant to provide Forward Reserve TMNSR capability in the Reserve Zone. |
| Asset Forward Reserve TMNSR Delivered MWs | The minimum of the Forward Reserve TMNSR Available MWs or Forward Reserve TMNSR Assigned MWs. |
| Forward Reserve TMNSR Energy Obligation Credit MWs | This column will be reported as NULL. |
| Asset TMNSR Failure-to-Reserve Penalty Exempt MWs | The lesser of the Forward Reserve TMNSR Assigned MWs or the Forward Reserve Adjusted Outage Exemption MW, adjusted for any amounts previously applied in a more constrained Reserve Zone / higher value product. |
| Participant Share Asset Forward Reserve TMNSR Delivered MWs | Asset Forward Reserve TMNSR Delivered MWs allocated to Participants based on their ownership share. |
| Participant Share of Forward Reserve TMNSR Energy Obligation Credit MWs | This column will be reported as NULL. |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Participant Share Asset TMNSR Failure-to-Reserve Penalty Exempt MWs | Asset TMNSR Failure-to-Reserve Penalty Exempt MWs allocated to Participants based on their ownership share. |
| Forward Reserve TMOR Available MWs | The Forward Reserve TMOR Qualifying MWs less any MWs from that Resource delivered for TMNSR in the same or more constrained Reserve Zone, or delivered for TMOR in a more constrained Reserve Zone. |
| Forward Reserve TMOR Assigned MWs | The MWs designated by the Participant to provide Forward Reserve TMOR capability in the Reserve Zone. |
| Asset Forward Reserve TMOR Delivered MWs | The minimum of the Forward Reserve TMOR Available MWs or Forward Reserve TMOR Assigned MWs. |
| Forward Reserve TMOR Energy Obligation Credit MWs | This column will be reported as NULL. |
| Asset TMOR Failure-to-Reserve Penalty Exempt MWs | The lesser of the Forward Reserve TMOR Assigned MWs or the Forward Reserve Adjusted Outage Exemption MW, adjusted for any amounts previously applied in a more constrained Reserve Zone / higher value product. |
| Participant Share Asset Forward Reserve TMOR Delivered MWs | Asset Forward Reserve TMOR Delivered MWs allocated to Participants based on their ownership share. |
| Participant Share of Forward Reserve TMOR Energy Obligation Credit MWs | This column will be reported as NULL. |
| Participant Share Asset TMOR Failure-to-Reserve Penalty Exempt MWs | Asset TMOR Failure-to-Reserve Penalty Exempt MWs allocated to Participants based on their ownership share. |
| Forward TMNSR Obligation Charge Limit MWs | The sum of the five-minute Forward TMNSR Obligation Charge Limit MWs, divided by 12. |
| Forward TMOR Obligation Charge Limit MWs | The sum of the five-minute Forward TMOR Obligation Charge Limit MWs, divided by 12. |
| Forward TMNSR Obligation Charge MWs | The sum of the five-minute Forward TMNSR Obligation Charge MWs, divided by 12. |
| Forward TMOR Obligation Charge MWs | The sum of the five-minute Forward TMOR Obligation Charge MWs, divided by 12. |
| Participant Share Forward TMNSR Obligation Charge MWs | The sum of the five-minute Participant Share Forward TMNSR Obligation Charge MWs, divided by 12. |
| Participant Share Forward TMOR Obligation Charge MWs | The sum of the five-minute Participant Share Forward TMOR Obligation Charge MWs, divided by 12. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Remaining TMNSR Obligation Charge Limit MWs | The sum of the five-minute Remaining TMNSR Obligation Charge Limit MWs, divided by 12. |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Remaining TMOR Obligation Charge Limit MWs | The sum of the five-minute Remaining TMOR Obligation Charge Limit MWs, divided by 12. |
| Real-Time Reserve Section This tab will be reported as NULL. | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Eco Max / Consumption Min | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit <i>or</i> lowest level of Energy consumed, in MW, by a Customer's Load Asset. |
| Performance Eco Max / Performance Consumption Min | <u>Generators</u> : The Eco Max value, in MW, adjusted in Real-Time for a performance related reason. <u>Dispatchable Asset Related Demand</u> : The Consumption Min value, in MW, adjusted in Real-Time for a performance-related reason. |
| Revenue Quality Metering | A generator's actual metered output for an hour. |
| Real-Time TMSR Capacity MW | <u>Generators</u> : The greater of the difference between Eco Max and Revenue Quality Meter Reading, or 0. <u>Dispatchable Asset Related Demand</u> : The greater of the absolute value of Revenue Quality Meter Reading less Min Consumption, or 0. |
| Real-Time Operations TMSR Designation | The MW value designated by the real-time dispatch to supply TMSR, or zero if the Revenue Quality Metering value is zero. |
| Real-Time TMSR Designation | The lesser of the Real-Time TMSR Capacity MW or the Real-Time Operations TMSR Designation. |
| Real-Time TMSR Reserve Credit | The product of the Real-Time TMSR Designation multiplied by the Real-Time TMSR Clearing Price. |
| Participant Share TMSR Credit | The Real-Time TMSR Credit allocated to Participants based on their Ownership Share. |
| Real-Time TMNSR Capacity MW | The Real-Time TMSR Capacity MW, minus the Real-Time TMSR Designation. |
| Real-Time Operations TMNSR Designation | The MW value designated by the real-time dispatch to supply TMNSR. |
| Real-Time TMNSR Designation | The lesser of the Real-Time TMNSR Capacity MW or the Real-Time Operations TMNSR Designation. |
| Real-Time TMNSR Reserve Credit | The product of the Real-Time TMNSR Designation multiplied by the Real-Time TMNSR Clearing Price. |
| Participant Share TMNSR Credit | The Real-Time TMNSR Credit allocated to Participants based on their Ownership Share. |
| Real-Time TMOR Capacity MW | The Real-Time Capacity Available for TMOR, less any designation for TMNSR. |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Real-Time Operations TMOR Designation | The MW value designated by the real-time dispatch to supply TMOR. |
| Real-Time TMOR Designation | The lesser of the Real-Time TMOR Capacity MW or the Real-Time Operations TMOR Designation. |
| Real-Time TMOR Reserve Credit | The product of the Real-Time TMOR Designation multiplied by the Real-Time TMOR Clearing Price. |
| Participant Share TMOR Credit | The Real-Time TMOR Credit allocated to Participants based on their Ownership Share. |
| Total Ten-Minute Real-Time Reserve Designation | The sum of the Real-Time TMSR Designation and the Real-Time TMNSR Designation by Reserve Zone. |
| Participant Share TMSR Designation | The product of the Real-Time TMSR Designation MW and the Ownership Share by Reserve Zone. |
| Participant Share TMNSR Designation | The product of the Real-Time TMNSR Designation MW and the Ownership Share by Reserve Zone. |
| Participant Share TMOR Designation | The product of the Real-Time TMOR Designation MW and the Ownership Share by Reserve Zone. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Failure-to-Activate Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Asset Total TMNSR Delivered MWs | The total Asset TMNSR Delivered MWs in the Reserve Zone. |
| Forward Reserve TMNSR Contingency Target MW | The amount of Forward Reserve TMNSR MWs requested to be activated in Real-Time. |
| Forward Reserve TMNSR Contingency Activated MW | The actual amount of Forward Reserve TMNSR MWs activated in Real-Time. |
| Forward Reserve TMNSR Failure-to-Activate Flag | Flag indicating if a Generating Unit activated its Forward Reserve Capability when asked to provide energy, <i>or</i> that an Asset Related Demand Unit interrupted energy consumption when asked to provide Forward Reserve Capability. <ul style="list-style-type: none"> • Y • N |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Forward Reserve TMNSR Failure-to-Activate MW | When the Forward Reserve TMNSR Failure-to-Activate Flag is set to “Y”, the lesser of: (Asset Total TMNSR Delivered MWs – Forward Reserve TMNSR Contingency Activated MW), or (Forward Reserve TMNSR Contingency Target MW – TMNSR Contingency Activated MW). |
| Forward Reserve TMNSR Payment Rate | The Forward Reserve Market Monthly Clearing Price for TMNSR divided by the Delivery Hours in the Month. |
| Forward Reserve TMNSR Failure-to-Activate Penalty Rate | Rate used to calculate the Forward Reserve TMNSR Failure-to-Activate Penalty, which is the greater of the Real-Time Nodal LMP, or the Forward Reserve TMNSR Payment Rate multiplied by the Failure to Activate Penalty factor, as defined in Market Rule 1. |
| Forward Reserve TMNSR Failure-to-Activate Penalty | The product of the Forward Reserve TMNSR Failure-to-Activate MWs and the sum of the Forward Reserve TMNSR Failure-to-Activate Penalty Rate and the Forward Reserve TMNSR Payment Rate. |
| Participant Share Forward Reserve TMNSR Failure-to-Activate Penalty | Forward Reserve TMNSR Failure-to-Activate Penalty allocated to Participants based upon their ownership share. |
| Asset Total TMOR Delivered MWs | The total amount of Asset TMOR Delivered MWs in the Reserve Zones. |
| Forward Reserve TMOR Contingency Target MW | The target amount of Forward Reserve TMOR MWs requested to be activated in Real-Time. |
| Forward Reserve TMOR Contingency Activated MW | The actual amount of Forward Reserve TMOR MWs activated in Real-Time. |
| Forward Reserve TMOR Failure-to-Activate Flag | Indication that a Generating Unit did not activate its Forward Reserve Capability when asked to provide energy, <i>or</i> an indication that an Asset Related Demand Unit did not interrupt energy consumption when asked to provide Forward Reserve Capability. <ul style="list-style-type: none"> • Y • N |
| Forward Reserve TMOR Failure-to-Activate MW | When the Forward Reserve TMOR Failure-to-Activate Flag is set to “Y”, the lesser of: (Asset Total TMOR Delivered MWs + Asset Total Forward TMNSR Delivered MWs) – (Asset Forward TMNSR Failure-to-Activate MWs + Forward Reserve TMOR Contingency Activated MW), or (Forward Reserve TMOR Contingency Target MW – Asset Forward TMNSR Failure to Activate MWs - TMOR Contingency Activated MW). |
| Forward Reserve TMOR Payment Rate | The Forward Reserve Market Monthly Clearing Price for TMOR divided by the Delivery Hours in the Month. |
| Forward Reserve TMOR Failure-to-Activate Penalty Rate | Rate used to calculate the Forward Reserve TMOR Failure-to-Activate Penalty, which is the greater of the Real-Time Nodal LMP, or the Forward Reserve TMOR Payment Rate multiplied by the Failure to Activate Penalty factor, as defined in Market Rule 1. |
| Forward Reserve TMOR Failure-to-Activate Penalty | The product of the Forward Reserve TMOR Failure-to-Activate MWs and the sum of the Forward Reserve TMOR Failure-to-Activate Penalty Rate and the Forward Reserve TMOR Payment Rate. |
| Participant Share Forward Reserve TMOR Failure-to-Activate Penalty | Forward Reserve TMOR Failure-to-Activate Penalty allocated to Participants based upon their ownership share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

SD_RSVASTDTL – Reserve Asset Detail Report – RETIRED

SD_RSVASTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Adjusted TMNSR Contingency Target MWs | The target amount of Forward Reserve TMNSR MWs requested to be activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Adjusted TMOR Contingency Target MWs | The target amount of Forward Reserve TMOR MWs requested to be activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Adjusted TMNSR Contingency Activated MWs | The actual amount of Forward Reserve TMNSR MWs activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Adjusted TMOR Contingency Activated MWs | The actual amount of Forward Reserve TMOR MWs activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Real-Time Hourly Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Real-Time TMSR Credit | The sum of the five-minute Real-Time TMSR Reserve Credits for the hour. |
| Participant Share TMSR Credit | The sum of the five-minute Participant Share TMSR Credits for the hour. |
| Real-Time TMNSR Credit | The sum of the five-minute Real-Time TMNSR Reserve Credits for the hour. |
| Participant Share TMNSR Credit | The sum of the five-minute Participant Share TMNSR Credits for the hour. |
| Real-Time TMOR Credit | The sum of the five-minute Real-Time TMOR Reserve Credits for the hour. |
| Participant Share TMOR Credit | The sum of the five-minute Participant Share TMOR Credits for the hour. |

| SD_RSVASTDTL Change Summary | Effective Date |
|---|-----------------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Modified. In the “Asset Section”, modified the description of “Forward Reserve Qualifying MWs”. | 11.30.2020 |
| Modified. Removed outdated effective dating references from column descriptions. In the “Forward Reserve Section”, modified description of “Forward TMNSR Obligation Charge Limit MWs”, “Forward TMOR Obligation Charge Limit MWs”, “Forward TMNSR | 04.01.2020 |

| SD_RSVASTDTL Change Summary | Effective Date |
|---|----------------|
| Obligation Charge MWs”, “Forward TMOR Obligation Charge MWs”, “Participant Share Forward TMNSR Obligation Charge MWs”, “Participant Share Forward TMOR Obligation Charge MWs”, “Remaining TMNSR Obligation Charge Limit MWs” and “Remaining TMOR Obligation Charge Limit MWs”. In the “Failure-to-Activate Section”, modified description of “Forward Reserve TMNSR Payment Rate” and “Forward Reserve TMOR Payment Rate”. The headlines for the “Real Time Reserve Section” and “Real Time Hourly Reserve Section” were updated. | |
| Modified. Effective date for changes originally proposed for December 12, 2018 will now be effective on December 18, 2018. | 12.18.2018 |
| Modified. Added “Adjusted TMNSR Contingency Target MWs”, “Adjusted TMOR Contingency Target MWs”, “Adjusted TMNSR Contingency Activated MWs” and “Adjusted TMOR Contingency Activated MWs” columns to the “Failure-to-Activate Section”. | 12.12.2018 |
| Modified. Added “Demand Response Resource” to the “Asset Type” column description in the “Asset”, “Forward Reserve”, “Failure-to-Activate” and “Real-Time Hourly Reserve” sections. In the “Asset” section, added “Min Reduction” to the “Eco Min / Consumption Min” column and “Max Reduction” to the “Max Reduction / Consumption Max” column and updated the Descriptions, added “and Demand Response Resources” to the “Forward Reserve TMNSR Qualifying MWs” and “Forward Reserve TMOR Qualifying MWs” column descriptions, added “Energy Quantity Reduction” and “Energy Quantity Net Supply” columns. | 06.01.2018 |
| Modified. In the “Asset Section”, renamed column heading “Revenue Quality Metering” to “Energy Quantity” and modified description. Removed outdated effective dating references from column descriptions in all sections. Added March 1, 2017, effective dating changes in the “Forward Reserve Section”. The “Real-Time Reserve Section” will be populated with NULL values for settlements beginning March 1, 2017. Added new section “Real-Time Hourly Reserve Section”. | 03.01.2017 |
| Modified. In the “Failure-to-Activate Section”, modified definition of “Forward Reserve TMNSR Payment Rate” and “Forward Reserve TMOR Payment Rate”. | 06.01.2016 |
| Modified. Added new columns “Remaining TMNSR Obligation Charge Limit MWs” and “Remaining TMOR Obligation Charge Limit MWs” in the “Forward Reserve” section. These new columns will be populated with a NULL value for any settlements prior to June 1, 2015 | 06.01.2015 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" in the "Asset", "Forward Reserve", "Real-Time Reserve" and "Failure-to-Activate" sections. | 06.13.2014 |
| Modified. No change in report structure, only report description change. Forward Reserve Threshold Price will be calculated on a daily basis, instead of monthly. | 11.01.2012 |
| Modified. Column "Performance EcoMax / Performance Consumption Min" will replace the original column "Performance EcoMax". The modified column follows the "Forward Reserve Adjusted Outage Exemption MWs" column. Any new settlements or resettlements will print the new column header name. | 06.01.2010 |
| Modified. A new column has been added following the 'Performance Audit Flag' column. | 06.01.2010 |

SD_RSVASTDTLSUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTLSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Asset Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Eco Min / Consumption Min / Min Reduction | Lowest unrestricted level of Energy, in MW, of a Customer's Generating Unit, <i>or</i> lowest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> lowest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Eco Max / Consumption Max / Max Reduction | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit <i>or</i> highest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> highest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Implicit Self-Scheduled Regulation MWs | Regulation Output Level for a Unit that is Partially Self Scheduled for Regulation for the Hour. |
| RMR Flag | Unit flagged to provide Reliability Must Run support for a specified Reliability Region. |
| VAR Flag | Unit flagged to provide VAR (Volt Ampere Reactive) support. |
| Unit Status | Displays the Unit Status (Must Run, Economic, or Unavailable). |
| Day Ahead Cleared MWs | The number of MWs associated with a bid or offer cleared in the Day-Ahead Market. |
| Energy Quantity | The Metered Quantity for Settlement for the hourly trading interval. |
| Energy Quantity Reduction | The Metered Load Reduction Quantity for Settlement for the hourly trading interval. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the hourly trading interval. |
| Forward Reserve Ramp Rate | Ramp rate used to calculate ramping capability in 10 or 30 minutes. |
| Forward Reserve Threshold Price | Daily price calculated by multiplying a heat rate times a fuel index. The heat rate will remain constant for the entire Forward Reserve Service Period (4/8 months), and the Fuel Index used each day will be the lesser of the Natural Gas or No. 2 Fuel Oil forward price index. |
| Calculation Method | The Unit Status will determine if a unit is on- or off-line, which will determine the method for calculating Qualifying MWs. |
| Forward Reserve Qualifying MWs | The asset's Forward Reserve Qualified MWs for an hour. |
| 10 Minute Claimed Capability | MW of NPCC 10-Minute non-synchronous reserve that a Generating Unit or Dispatchable Asset Related Demand unit can provide. |
| Ramping Capability in 10 Minutes | Forward Reserve Ramp Rate in MW/Minute multiplied by the time of 10 Minutes. |

SD_RSVASTDTLSUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTLSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Forward Reserve TMNSR Qualifying MWs | The quantity of 10-Minute Forward Reserve that qualifies in a specific Reserve Zone. <u>Generators and Demand Response Resources:</u> Off-line Forward TMNSR Reserve Qualifying MWs = Min [Asset Qualifying MWs, Claim10] On-line TMNSR Forward Reserve Qualifying MWs = Min [Asset Qualifying MWs, Reserve Ramp Rate * 10] <u>Dispatchable Asset Related Demand:</u> Min [Asset Qualifying MWs, Claim10] |
| 30 Minute Claimed Capability | MW of NPCC 30-Minute non-synchronous reserve that a Generating Unit or Asset Related Demand unit can provide. |
| Ramping Capability in 30 Minutes | Forward Reserve Ramp Rate in MW/Minute multiplied by the time of 30 Minutes. |
| Forward Reserve TMOR Qualifying MWs | The quantity of 30-Minute Forward Reserve that qualifies in a specific Reserve Zone. <u>Generators and Demand Response Resources:</u> Off-line Forward TMOR Reserve Qualifying MWs = Min [Asset Qualifying MWs, Claim30] – Forward Reserve TMNSR Qualifying MWs On-line TMOR Forward Reserve Qualifying MWs = Min [Asset Qualifying MWs, Reserve Ramp Rate * 30] - Reserve TMNSR Qualifying MWs <u>Dispatchable Asset Related Demand:</u> Min [Asset Qualifying MWs, Claim30] - Reserve TMNSR Qualifying MWs |
| Forward Reserve Eligible | A flag indicating if the Resource meets the eligibility requirements to provide Forward Reserves, as detailed in Market Rule 1. |
| Day-Ahead Nodal LMP | The Day Ahead Locational Marginal Price for Energy at the Node at which the asset is located. |
| Real-Time Nodal LMP | The Real Time Locational Marginal Price for Energy at the Node at which the asset is located. |
| Real-Time TMNSR Reserve Market Clearing Price | Reserve Zone TMNSR Clearing Price, as defined in Market Rule 1. |
| Reserve Penalty Factor Portion of Real-Time TMNSR RMCP | The amount of the Real-Time TMNSR Reserve Market Clearing Price attributable to a Reserve Constraint Penalty Factor. |
| Forward Reserve Adjusted Outage Exemption MWs | A Resource's MWs approved by the ISO for an annual scheduled maintenance outage or on a scheduled maintenance outage that has been moved at the ISO's request, limited to the Resource's seasonal claimed capability (Fast Start Generator) or the Resource's ramp rate * 30 (if not a Fast Start Generator). |
| Performance EcoMax / Performance Consumption Min | <u>Generators:</u> The Eco Max value, in MW, adjusted in Real-Time for a performance related reason. <u>Dispatchable Asset Related Demand:</u> The Consumption Min value, in MW, adjusted in Real-Time for a performance-related reason. |
| Performance Audit Flag | A flag indicating a Claim 10/30 test was performed during the Trading Interval. |

SD_RSVASTDTLSUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTLSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Real-Time External Transaction Sale MW | The sum of all External Transaction Sales in the Energy Market in which the following applies: <ul style="list-style-type: none"> • The Asset is backing the sale • The customer submitted the transaction • The Asset's Load Zone is directly adjacent to and electrically interconnected to External Node associated with the Sale • The transaction has been flagged as Local Second Contingency Commitment |
| Forward Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with an asset. |
| Forward Reserve TMNSR Available MWs | The Forward Reserve TMNSR Qualifying MWs less any MWs from that resource delivered in a more constrained Reserve Zone. |
| Forward Reserve TMNSR Assigned MWs | The MWs designated by the Participant to provide Forward Reserve TMNSR capability in the Reserve Zone. |
| Asset Forward Reserve TMNSR Delivered MWs | The minimum of the Forward Reserve TMNSR Available MWs or Forward Reserve TMNSR Assigned MWs. |
| Asset TMNSR Failure-to-Reserve Penalty Exempt MWs | The lesser of the Forward Reserve TMNSR Assigned MWs or the Forward Reserve Adjusted Outage Exemption MW, adjusted for any amounts previously applied in a more constrained Reserve Zone / higher value product. |
| Subaccount Asset Forward Reserve TMNSR Delivered MWs | Asset Forward Reserve TMNSR Delivered MWs allocated to Participant's Subaccount based on their ownership share. |
| Subaccount Asset TMNSR Failure-to-Reserve Penalty Exempt MWs | Asset TMNSR Failure-to-Reserve Penalty Exempt MWs allocated to Participant's Subaccount based on their ownership share. |
| Forward Reserve TMOR Available MWs | The Forward Reserve TMOR Qualifying MWs less any MWs from that Resource delivered for TMNSR in the same or more constrained Reserve Zone, or delivered for TMOR in a more constrained Reserve Zone. |
| Forward Reserve TMOR Assigned MWs | The MWs designated by the Participant to provide Forward Reserve TMOR capability in the Reserve Zone. |
| Asset Forward Reserve TMOR Delivered MWs | The minimum of the Forward Reserve TMOR Available MWs or Forward Reserve TMOR Assigned MWs. |

SD_RSVASTDTL SUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTL SUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Asset TMOR Failure-to-Reserve Penalty Exempt MWs | The lesser of the Forward Reserve TMOR Assigned MWs or the Forward Reserve Adjusted Outage Exemption MW, adjusted for any amounts previously applied in a more constrained Reserve Zone / higher value product. |
| Subaccount Asset Forward Reserve TMOR Delivered MWs | Asset Forward Reserve TMOR Delivered MWs allocated to Participants Subaccount based on their ownership share. |
| Subaccount Asset TMOR Failure-to-Reserve Penalty Exempt MWs | Asset TMOR Failure-to-Reserve Penalty Exempt MWs allocated to Participants Subaccount based on their ownership share. |
| Forward TMNSR Obligation Charge Limit MWs | The sum of the five-minute Forward TMNSR Obligation Charge Limit MWs, divided by 12. |
| Forward TMOR Obligation Charge Limit MWs | The sum of the five-minute Forward TMOR Obligation Charge Limit MWs, divided by 12. |
| Forward TMNSR Obligation Charge MWs | The sum of the five-minute Forward TMNSR Obligation Charge MWs, divided by 12. |
| Forward TMOR Obligation Charge MWs | The sum of the five-minute Forward TMOR Obligation Charge MWs, divided by 12. |
| Subaccount Forward TMNSR Obligation Charge MWs | The Forward TMNSR Obligation Charge MWs allocated to Participant's Subaccount. |
| Subaccount Forward TMOR Obligation Charge MWs | The Forward TMOR Obligation Charge MWs allocated to Participant's Subaccount. |
| Remaining TMNSR Obligation Charge Limit MWs | The sum of the five-minute Remaining TMNSR Obligation Charge Limit MWs, divided by 12. |
| Remaining TMOR Obligation Charge Limit MWs | The sum of the five-minute Remaining TMOR Obligation Charge Limit MWs, divided by 12. |
| Failure-to-Activate Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Asset Total TMNSR Delivered MWs | The total Asset TMNSR Delivered MWs in the Reserve Zone. |

SD_RSVASTDTL SUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTL SUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Forward Reserve TMNSR Contingency Target MW | The amount of Forward Reserve TMNSR MWs requested to be activated in Real-Time. |
| Forward Reserve TMNSR Contingency Activated MW | The actual amount of Forward Reserve TMNSR MWs activated in Real-Time. |
| Adjusted TMNSR Contingency Target MWs | The target amount of Forward Reserve TMNSR MWs requested to be activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Adjusted TMNSR Contingency Activated MWs | The actual amount of Forward Reserve TMNSR MWs activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Forward Reserve TMNSR Failure-to-Activate Flag | Flag indicating if a Generating Unit activated its Forward Reserve Capability when asked to provide energy, <i>or</i> that an Asset Related Demand Unit interrupted energy consumption when asked to provide Forward Reserve Capability. <ul style="list-style-type: none"> • Y • N |
| Forward Reserve TMNSR Failure-to-Activate MW | When the Forward Reserve TMNSR Failure-to-Activate Flag is set to “Y”, the lesser of: (Asset Total TMNSR Delivered MWs – Forward Reserve TMNSR Contingency Activated MW), or (Forward Reserve TMNSR Contingency Target MW – TMNSR Contingency Activated MW). |
| Forward Reserve TMNSR Payment Rate | The Forward Reserve Market Monthly Clearing Price for TMNSR divided by the Delivery Hours in the Month. |
| Forward Reserve TMNSR Failure-to-Activate Penalty Rate | Rate used to calculate the Forward Reserve TMNSR Failure-to-Activate Penalty, which is the greater of the Real-Time Nodal LMP, or the Forward Reserve TMNSR Payment Rate multiplied by the Failure to Activate Penalty factor, as defined in Market Rule 1. |
| Forward Reserve TMNSR Failure-to-Activate Penalty | The product of the Forward Reserve TMNSR Failure-to-Activate MWs and the sum of the Forward Reserve TMNSR Failure-to-Activate Penalty Rate and the Forward Reserve TMNSR Payment Rate. |
| Subaccount Forward Reserve TMNSR Failure-to-Activate Penalty | Forward Reserve TMNSR Failure-to-Activate Penalty allocated to Participant’s Subaccount. |
| Asset Total TMOR Delivered MWs | The total amount of Asset TMOR Delivered MWs in the Reserve Zones. |
| Forward Reserve TMOR Contingency Target MW | The target amount of Forward Reserve TMOR MWs requested to be activated in Real-Time. |
| Forward Reserve TMOR Contingency Activated MW | The actual amount of Forward Reserve TMOR MWs activated in Real-Time. |
| Adjusted TMOR Contingency Target MWs | The target amount of Forward Reserve TMOR MWs requested to be activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Adjusted TMOR Contingency Activated MWs | The actual amount of Forward Reserve TMOR MWs activated in Real-Time. The MWs associated with Demand Reduction will be increased by the Pool Distribution Loss Factor. |
| Forward Reserve TMOR Failure-to-Activate Flag | Indication that a Generating Unit did not activate its Forward Reserve Capability when asked to provide energy, <i>or</i> an indication that an Asset Related Demand Unit did not interrupt energy consumption when asked to provide Forward Reserve Capability. <ul style="list-style-type: none"> • Y • N |

SD_RSVASTDTLSUB – Reserve Asset Detail Subaccount Report – RETIRED

SD_RSVASTDTLSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Forward Reserve TMOR Failure-to-Activate MW | When the Forward Reserve TMOR Failure-to-Activate Flag is set to “Y”, the lesser of: (Asset Total TMOR Delivered MWs + Asset Total Forward TMNSR Delivered MWs) – (Asset Forward TMNSR Failure-to-Activate MWs + Forward Reserve TMOR Contingency Activated MW), or (Forward Reserve TMOR Contingency Target MW – Asset Forward TMNSR Failure to Activate MWs - TMOR Contingency Activated MW). |
| Forward Reserve TMOR Payment Rate | The Forward Reserve Market Monthly Clearing Price for TMOR divided by the Delivery Hours in the Month. |
| Forward Reserve TMOR Failure-to-Activate Penalty Rate | Rate used to calculate the Forward Reserve TMOR Failure-to-Activate Penalty, which is the greater of the Real-Time Nodal LMP, or the Forward Reserve TMOR Payment Rate multiplied by the Failure to Activate Penalty factor, as defined in Market Rule 1. |
| Forward Reserve TMOR Failure-to-Activate Penalty | The product of the Forward Reserve TMOR Failure-to-Activate MWs and the sum of the Forward Reserve TMOR Failure-to-Activate Penalty Rate and the Forward Reserve TMOR Payment Rate. |
| Subaccount Forward Reserve TMOR Failure-to-Activate Penalty | Forward Reserve TMOR Failure-to-Activate Penalty allocated to Participant’s Subaccount. |
| Real-Time Hourly Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Real-Time TMSR Credit | The sum of the five-minute Real-Time TMSR Reserve Credits for the hour. |
| Subaccount TMSR Credit | The sum of the five-minute TMSR Credits for the hour allocated to Participant’s Subaccount. |
| Real-Time TMNSR Credit | The sum of the five-minute Real-Time TMNSR Reserve Credits for the hour. |
| Subaccount TMNSR Credit | The sum of the five-minute TMNSR Credits for the hour allocated to Participant’s Subaccount. |
| Real-Time TMOR Credit | The sum of the five-minute Real-Time TMOR Reserve Credits for the hour. |
| Subaccount TMOR Credit | The sum of the five-minute TMOR Credits for the hour allocated to Participant’s Subaccount. |

| SD_RSVASTDTLSUB Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| New. | 01.01.2021 |

SD_RSVDTL5MIN – Reserve Detail Five Minute Report – RETIRED

SD_RSVDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Forward Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Forward Reserve TMNSR Delivered MWs | The minimum of the Forward Reserve TMNSR Available MWs or Forward Reserve TMNSR Assigned MWs. |
| Participant Share Asset Forward Reserve TMNSR Delivered MWs | Asset Forward Reserve TMNSR Delivered MWs allocated to Participants based on their Ownership Share. |
| Forward Reserve TMOR Delivered MWs | The minimum of the Forward Reserve TMOR Available MWs or Forward Reserve TMOR Assigned MWs. |
| Participant Share Asset Forward Reserve TMOR Delivered MWs | Asset Forward Reserve TMOR Delivered MWs allocated to Participants based on their Ownership Share. |
| Forward TMNSR Obligation Charge Limit MWs | The minimum amount of Forward Reserve TMNSR Delivered MW or Total Ten Minute Real-Time Reserve Designation MW. |
| Forward TMOR Obligation Charge Limit MWs | The minimum amount of Forward Reserve TMOR Delivered MWs or Real-Time Operations TMOR Designation plus Real-Time Operations TMSR Designation in excess of Asset Forward Reserve TMNSR Delivered MW in the Reserve Zone in which the asset is located. |
| Forward TMNSR Obligation Charge MWs | The lesser of the Forward TMNSR Delivered MW and the Forward TMNSR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts applied in a lesser constrained Reserve Zone. |
| Forward TMOR Obligation Charge MWs | The lesser of the Forward TMOR Delivered MW and the Forward TMOR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts previously applied in a lesser constrained Reserve Zone or higher value product. |
| Participant Share Forward TMNSR Obligation Charge MWs | The product of the Forward TMNSR Obligation Charge MWs and Participant asset Ownership Share by Reserve Zone. |
| Participant Share Forward TMOR Obligation Charge MWs | The product of the Forward TMOR Obligation Charge MWs and Participant asset Ownership Share by Reserve Zone. |

SD_RSVDTL5MIN – Reserve Detail Five Minute Report – RETIRED

SD_RSVDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Remaining TMNSR Obligation Charge Limit MWs | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |
| Remaining TMOR Obligation Charge Limit MWs | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |
| Real-Time Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Real-Time Eco Max / Consumption Min / Max Reduction | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit <i>or</i> lowest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> highest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Real-Time Reserve Market TMSR Clearing Price | Reserve Zone Clearing Price for the TMSR product, as defined in Market Rule 1. |
| Real-Time TMSR Capacity MW | <u>Generators</u> : The greater of the difference between Eco Max and Energy Quantity, or 0. <u>Dispatchable Asset Related Demand</u> : The greater of the absolute value of Energy Quantity less Min Consumption, or 0. |
| Real-Time Operations TMSR Designation | The MW value designated in real-time to supply TMSR, or zero if the Energy Quantity value is zero. |
| Real-Time TMSR Designation | The lesser of the Real-Time TMSR Capacity MW or the Real-Time Operations TMSR Designation. |
| Real-Time TMSR Credit | The product of the Real-Time TMSR Designation multiplied by the Real-Time TMSR Clearing Price, divided by 12. |
| Participant Share TMSR Designation | The product of the Real-Time TMSR Designation and the Ownership Share by Reserve Zone. |
| Participant Share TMSR Credit | The Real-Time TMSR Credit allocated to Participants based on their Ownership Share. |
| Real-Time Reserve Market TMNSR Clearing Price | Reserve Zone Clearing Price for the TMNSR product, as defined in Market Rule 1. |

SD_RSVDTL5MIN – Reserve Detail Five Minute Report – RETIRED

SD_RSVDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Real-Time TMNSR Capacity MW | The Real-Time TMSR Capacity MW, minus the Real-Time TMSR Designation. |
| Real-Time Operations TMNSR Designation | The MW value designated in real-time to supply TMNSR. |
| Real-Time TMNSR Designation | The lesser of the Real-Time TMNSR Capacity MW or the Real-Time Operations TMNSR Designation. |
| Real-Time TMNSR Credit | The product of the Real-Time TMNSR Designation multiplied by the Real-Time TMNSR Clearing Price, divided by 12. |
| Participant Share TMNSR Designation | The product of the Real-Time TMNSR Designation MW and the Ownership Share by Reserve Zone. |
| Participant Share TMNSR Credit | The Real-Time TMNSR Credit allocated to Participants based on their Ownership Share. |
| Total Ten-Minute Real-Time Reserve Designation | The sum of the Real-Time TMSR Designation and the Real-Time TMNSR Designation by Reserve Zone. Market Rule 1 refers to this as the Reserve Quantity for Settlement. |
| Real-Time Reserve Market TMOR Clearing Price | Reserve Zone Clearing Price for the TMOR product, as defined in Market Rule 1. |
| Real-Time TMOR Capacity MW | The Real-Time TMOR Capacity Available, less any ten-minute designation. |
| Real-Time Operations TMOR Designation | The MW value designated in real-time to supply TMOR. |
| Real-Time TMOR Designation | The lesser of the Real-Time TMOR Capacity MW or the Real-Time Operations TMOR Designation. |
| Real-Time TMOR Reserve Credit | The product of the Real-Time TMOR Designation multiplied by the Real-Time TMOR Clearing Price, divided by 12. |
| Participant Share TMOR Designation | The product of the Real-Time TMOR Designation MW and the Ownership Share by Reserve Zone. |
| Participant Share TMOR Credit | The Real-Time TMOR Credit allocated to Participants based on their Ownership Share. |
| Energy Quantity Reduction | The Metered Load Reduction Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Obligation Charge Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Forward TMNSR Obligation Charge MWs | The lesser of the Forward TMNSR Delivered MW and the Forward TMNSR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts applied in a lesser constrained Reserve Zone. |

SD_RSVDTL5MIN – Reserve Detail Five Minute Report – RETIRED

SD_RSVDTL5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Real-Time Reserve Market TMNSR Clearing Price | Reserve Zone Clearing Price for the TMNSR product, as defined in Market Rule 1. |
| Forward TMNSR Obligation Charge | The product of the Forward TMNSR Obligation Charge MWs multiplied by the Real-Time Reserve Market TMNSR Clearing Price, divided by 12. |
| Forward TMOR Obligation Charge MWs | The lesser of the Forward TMOR Delivered MW and the Forward TMOR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts previously applied in a lesser constrained Reserve Zone or higher value product. |
| Real-Time Reserve Market TMOR Clearing Price | Reserve Zone Clearing Price for the TMOR product, as defined in Market Rule 1. |
| Forward TMOR Obligation Charge | The product of the Forward TMOR Obligation Charge MWs multiplied by the Real-Time Reserve Market TMOR Clearing Price, divided 12. |

| SD_RSVDTL5MIN Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Modified. In the Real-Time Reserve section, updated the description for ‘Real-Time TMOR Capacity MW’. | 09.20.2018 |
| Modified. In the Real-Time Reserve section, updated the description for ‘Total Ten-Minute Real-Time Reserve Designation’. | 07.09.2018 |
| Modified. Added “Demand Response Resource” to the “Asset” column description in all sections. In the “Real-Time Reserve” section, added “Max Reduction” to the “Real-Time Eco Max / Consumption Min” column and updated the Description. Added “Energy Quantity Reduction” and “Energy Quantity Net Supply” columns to the “Real-Time Reserve” section. | 06.01.2018 |
| New. Update to previously posted Draft report description document: in the “Forward Reserve Section”, the column “Participant Share Asset Forward Reserve TMNSR Delivered MWs” has been renamed to “Participant Share Asset Forward Reserve TMOR Delivered MWs” and the description was modified. | 03.01.2017 |

SD_RSVDTL5MIN2 – Reserve Detail Five Minute Report – Rev 0

SD_RSVDTL5MIN2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|------------|-------|-----------|--|----------------------|---|--------------------------|---|
| Real-Time Reserve Section | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Reserve Zone ID | Reserve Zone ID | | | | | | | | |
| Reserve Zone Name | Reserve Zone Name | | | | | | | | |
| Asset ID | Asset ID | | | | | | | | |
| Asset Name | Asset Name | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |
| Asset Type | Appropriate values are: <ul style="list-style-type: none">• GENERATOR• ASSET RELATED DEMAND• DEMAND RESPONSE RESOURCE | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | |
| Real-Time Eco Max / Consumption Min / Max Reduction | Identifies the maximum or minimum value asset could provide for Reserves: <table><tr><th>Asset Type</th><th>Value</th></tr><tr><td>Generator</td><td>Real-Time Eco Max = Highest unrestricted level of energy</td></tr><tr><td>Asset Related Demand</td><td>Consumption Min = Lowest level of energy consumed</td></tr><tr><td>Demand Response Resource</td><td>Max Reduction = Highest level of energy reduction</td></tr></table> | Asset Type | Value | Generator | Real-Time Eco Max = Highest unrestricted level of energy | Asset Related Demand | Consumption Min = Lowest level of energy consumed | Demand Response Resource | Max Reduction = Highest level of energy reduction |
| Asset Type | Value | | | | | | | | |
| Generator | Real-Time Eco Max = Highest unrestricted level of energy | | | | | | | | |
| Asset Related Demand | Consumption Min = Lowest level of energy consumed | | | | | | | | |
| Demand Response Resource | Max Reduction = Highest level of energy reduction | | | | | | | | |
| Energy Quantity | Determined as follows: <table><tr><th>Asset Type</th><th>Value</th></tr><tr><td>Generator</td><td rowspan="2">Metered Quantity for Settlement</td></tr><tr><td>Asset Related Demand</td></tr><tr><td>Demand Response Resource</td><td>No value</td></tr></table> | Asset Type | Value | Generator | Metered Quantity for Settlement | Asset Related Demand | Demand Response Resource | No value | |
| Asset Type | Value | | | | | | | | |
| Generator | Metered Quantity for Settlement | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | No value | | | | | | | | |

SD_RSVDTL5MIN2 – Reserve Detail Five Minute Report – Rev 0

SD_RSVDTL5MIN2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|------------|-------|-----------|--|----------------------|--------------------------|--|---|
| Energy Quantity Reduction | Determined as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td rowspan="2">No value</td></tr> <tr> <td>Asset Related Demand</td></tr> <tr> <td>Demand Response Resource</td><td>Metered Demand Reduction Quantity for Settlement</td></tr> </table> | Asset Type | Value | Generator | No value | Asset Related Demand | Demand Response Resource | Metered Demand Reduction Quantity for Settlement | |
| Asset Type | Value | | | | | | | | |
| Generator | No value | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | Metered Demand Reduction Quantity for Settlement | | | | | | | | |
| Energy Quantity Net Supply | Determined as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td rowspan="2">No value</td></tr> <tr> <td>Asset Related Demand</td></tr> <tr> <td>Demand Response Resource</td><td>Metered Net Supply Quantity for Settlement</td></tr> </table> | Asset Type | Value | Generator | No value | Asset Related Demand | Demand Response Resource | Metered Net Supply Quantity for Settlement | |
| Asset Type | Value | | | | | | | | |
| Generator | No value | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | Metered Net Supply Quantity for Settlement | | | | | | | | |
| Real-Time Reserve Market TMSR Clearing Price | Real-Time Reserve Market TMSR Clearing Price | | | | | | | | |
| Real-Time TMSR Capacity MW | Calculated as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td>MAX (Real-Time Eco Max - Energy Quantity, 0)</td></tr> <tr> <td>Asset Related Demand</td><td>ABS (Energy Quantity)</td></tr> <tr> <td>Demand Response Resource</td><td>MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0)</td></tr> </table> | Asset Type | Value | Generator | MAX (Real-Time Eco Max - Energy Quantity, 0) | Asset Related Demand | ABS (Energy Quantity) | Demand Response Resource | MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0) |
| Asset Type | Value | | | | | | | | |
| Generator | MAX (Real-Time Eco Max - Energy Quantity, 0) | | | | | | | | |
| Asset Related Demand | ABS (Energy Quantity) | | | | | | | | |
| Demand Response Resource | MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0) | | | | | | | | |
| Real-Time Operations TMSR Designation | Amount of TMSR designated in Real-Time, or zero if the Energy Quantity value is zero | | | | | | | | |
| Real-Time TMSR Designation | MIN (Real-Time TMSR Capacity MW, Real-Time Operations TMSR Designation) | | | | | | | | |
| Real-Time TMSR Credit | Real-Time TMSR Designation \times Real-Time TMSR Clearing Price / 12 | | | | | | | | |
| Customer Share TMSR Credit | Real-Time TMSR Credit \times Ownership Share | | | | | | | | |
| Real-Time Reserve Market TMNSR Clearing Price | Real-Time Reserve Market TMNSR Clearing Price | | | | | | | | |
| Real-Time TMNSR Capacity MW | Real-Time TMSR Capacity MW - Real-Time TMSR Designation | | | | | | | | |
| Real-Time Operations TMNSR Designation | Amount of TMNSR designated in Real-Time | | | | | | | | |
| Real-Time TMNSR Designation | MIN (Real-Time TMNSR Capacity MW, Real-Time Operations TMNSR Designation) | | | | | | | | |
| Real-Time TMNSR Credit | Real-Time TMNSR Designation \times Real-Time TMNSR Clearing Price / 12 | | | | | | | | |
| Customer Share TMNSR Credit | Real-Time TMNSR Credit \times Ownership Share. | | | | | | | | |

SD_RSVDTL5MIN2 – Reserve Detail Five Minute Report – Rev 0

SD_RSVDTL5MIN2_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Real-Time Reserve Market TMOR Clearing Price | Real-Time Reserve Market TMOR Clearing Price |
| Real-Time TMOR Capacity MW | Real-Time TMSR Capacity MW – Real-Time TMSR Designation – Real-Time TMNSR Designation |
| Real-Time Operations TMOR Designation | Amount of TMOR designated in Real-Time |
| Real-Time TMOR Designation | MIN (Real-Time TMOR Capacity MW, Real-Time Operations TMOR Designation) |
| Real-Time TMOR Credit | Real-Time TMOR Designation \times Real-Time TMOR Clearing Price / 12 |
| Customer Share TMOR Credit | Real-Time TMOR Credit \times Ownership Share |

| SD_RSVDTL5MIN2 Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 03.01.2025 |

SD_RSVDL5MINSUB – Reserve Detail Five Minute Subaccount Report – RETIRED
SD_RSVDL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Forward Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Forward Reserve TMNSR Delivered MWs | The minimum of the Forward Reserve TMNSR Available MWs or Forward Reserve TMNSR Assigned MWs. |
| Subaccount Asset Forward Reserve TMNSR Delivered MWs | Asset Forward Reserve TMNSR Delivered MWs allocated to the Subaccount based on their Ownership Share. |
| Forward Reserve TMOR Delivered MWs | The minimum of the Forward Reserve TMOR Available MWs or Forward Reserve TMOR Assigned MWs. |
| Subaccount Asset Forward Reserve TMOR Delivered MWs | Asset Forward Reserve TMOR Delivered MWs allocated to Subaccounts based on their Ownership Share. |
| Forward TMNSR Obligation Charge Limit MWs | The minimum amount of Forward Reserve TMNSR Delivered MW or Total Ten Minute Real-Time Reserve Designation MW. |
| Forward TMOR Obligation Charge Limit MWs | The minimum amount of Forward Reserve TMOR Delivered MWs or Real-Time Operations TMOR Designation plus Real-Time Operations TMSR Designation in excess of Asset Forward Reserve TMNSR Delivered MW in the Reserve Zone in which the asset is located. |
| Forward TMNSR Obligation Charge MWs | The lesser of the Forward TMNSR Delivered MW and the Forward TMNSR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts applied in a lesser constrained Reserve Zone. |
| Forward TMOR Obligation Charge MWs | The lesser of the Forward TMOR Delivered MW and the Forward TMOR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts previously applied in a lesser constrained Reserve Zone or higher value product. |
| Subaccount Forward TMNSR Obligation Charge MWs | The product of the Forward TMNSR Obligation Charge MWs and Participant asset Ownership Share by Reserve Zone allocated to the Participant's Subaccount. |
| Subaccount Forward TMOR Obligation Charge MWs | The product of the Forward TMOR Obligation Charge MWs and Participant asset Ownership Share by Reserve Zone allocated to the Participant's Subaccount. |
| Remaining TMNSR Obligation Charge Limit MWs | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |

SD_RSVDTL5MINSUB – Reserve Detail Five Minute Subaccount Report – RETIRED
SD_RSVDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Remaining TMOR Obligation Charge Limit MWs | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |
| Real-Time Reserve Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Asset ID | Numerical identifier for the asset associated with the subaccount. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • GENERATOR • LOAD • DEMAND RESPONSE RESOURCE |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Real-Time Eco Max / Consumption Min / Max Reduction | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit <i>or</i> lowest level of Energy consumed, in MW, by a Customer's Load Asset <i>or</i> highest level of Energy reduction, in MW, of a Customer's Demand Response Resource. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Energy Quantity Reduction | The Metered Load Reduction Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Real-Time Reserve Market TMSR Clearing Price | Reserve Zone Clearing Price for the TMSR product, as defined in Market Rule 1. |
| Real-Time TMSR Capacity MW | <u>Generators</u> : The greater of the difference between Eco Max and Energy Quantity, or 0. <u>Dispatchable Asset Related Demand</u> : The greater of the absolute value of Energy Quantity less Min Consumption, or 0. |
| Real-Time Operations TMSR Designation | The MW value designated in real-time to supply TMSR, or zero if the Energy Quantity value is zero. |
| Real-Time TMSR Designation | The lesser of the Real-Time TMSR Capacity MW or the Real-Time Operations TMSR Designation. |
| Real-Time TMSR Credit | The product of the Real-Time TMSR Designation multiplied by the Real-Time TMSR Clearing Price, divided by 12. |
| Subaccount TMSR Designation | The product of the Real-Time TMSR Designation and the Ownership Share by Reserve Zone allocated to the Participant's Subaccount. |
| Subaccount TMSR Credit | The Real-Time TMSR Credit allocated to the Participant's Subaccount. |
| Real-Time Reserve Market TMNSR Clearing Price | Reserve Zone Clearing Price for the TMNSR product, as defined in Market Rule 1. |
| Real-Time TMNSR Capacity MW | The Real-Time TMSR Capacity MW, minus the Real-Time TMSR Designation. |

SD_RSVDTL5MINSUB – Reserve Detail Five Minute Subaccount Report – RETIRED
SD_RSVDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Real-Time Operations TMNSR Designation | The MW value designated in real-time to supply TMNSR. |
| Real-Time TMNSR Designation | The lesser of the Real-Time TMNSR Capacity MW or the Real-Time Operations TMNSR Designation. |
| Real-Time TMNSR Credit | The product of the Real-Time TMNSR Designation multiplied by the Real-Time TMNSR Clearing Price, divided by 12. |
| Subaccount TMNSR Designation | The product of the Real-Time TMNSR Designation MW and the Ownership Share by Reserve Zone allocated to the Participant's Subaccount. |
| Subaccount TMNSR Credit | The Real-Time TMNSR Credit allocated to the Participant's Subaccount. |
| Total Ten-Minute Real-Time Reserve Designation | The sum of the Real-Time TMSR Designation and the Real-Time TMNSR Designation by Reserve Zone. Market Rule 1 refers to this as the Reserve Quantity for Settlement. |
| Real-Time Reserve Market TMOR Clearing Price | Reserve Zone Clearing Price for the TMOR product, as defined in Market Rule 1. |
| Real-Time TMOR Capacity MW | The Real-Time TMOR Capacity Available, less any ten-minute designation. |
| Real-Time Operations TMOR Designation | The MW value designated in real-time to supply TMOR. |
| Real-Time TMOR Designation | The lesser of the Real-Time TMOR Capacity MW or the Real-Time Operations TMOR Designation. |
| Real-Time TMOR Reserve Credit | The product of the Real-Time TMOR Designation multiplied by the Real-Time TMOR Clearing Price, divided by 12. |
| Subaccount TMOR Designation | The product of the Real-Time TMOR Designation MW and the Ownership Share by Reserve Zone allocated to the Participant's Subaccount. |
| Subaccount TMOR Credit | The Real-Time TMOR Credit allocated to Subaccounts based on their Ownership Share. |
| Obligation Charge Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Forward TMNSR Obligation Charge MWs | The lesser of the Forward TMNSR Delivered MW and the Forward TMNSR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts applied in a lesser constrained Reserve Zone. |
| Real-Time Reserve Market TMNSR Clearing Price | Reserve Zone Clearing Price for the TMNSR product, as defined in Market Rule 1. |
| Forward TMNSR Obligation Charge | The product of the Forward TMNSR Obligation Charge MWs multiplied by the Real-Time Reserve Market TMNSR Clearing Price, divided by 12. |
| Forward TMOR Obligation Charge MWs | The lesser of the Forward TMOR Delivered MW and the Forward TMOR Obligation Charge Limit MWs per Reserve Zone, adjusted for any amounts previously applied in a lesser constrained Reserve Zone or higher value product. |
| Real-Time Reserve Market TMOR Clearing Price | Reserve Zone Clearing Price for the TMOR product, as defined in Market Rule 1. |

SD_RSVDTL5MINSUB – Reserve Detail Five Minute Subaccount Report – RETIRED
SD_RSVDTL5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------|--|
| Forward TMOR Obligation Charge | The product of the Forward TMOR Obligation Charge MWs multiplied by the Real-Time Reserve Market TMOR Clearing Price, divided by 12. |

| SD_RSVDTL5MINSUB Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| New. | 01.01.2021 |

| SD_RSVDTL5MINSUB2 – Reserve Detail Five Minute Subaccount Report – Rev 0 SD_RSVDTL5MINSUB2_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | | | |
|---|--|------------|-------|------------|--|----------------------|---|--------------------------|---|
| REPORT COLUMN | DESCRIPTION | | | | | | | | |
| Real-Time Reserve Section | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Reserve Zone ID | Reserve Zone ID | | | | | | | | |
| Reserve Zone Name | Reserve Zone Name | | | | | | | | |
| Asset ID | Asset ID | | | | | | | | |
| Asset Name | Asset Name | | | | | | | | |
| Asset Type | Appropriate values are: <ul style="list-style-type: none"> • GENERATOR • ASSET RELATED DEMAND • DEMAND RESPONSE RESOURCE | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | |
| Real-Time Eco Max / Consumption Min / Max Reduction | Identifies the maximum or minimum value the asset could provide for Reserves: <table border="1"> <thead> <tr> <th>Asset Type</th><th>Value</th></tr> </thead> <tbody> <tr> <td>Generators</td><td>Real-Time Eco Max = Highest unrestricted level of energy</td></tr> <tr> <td>Asset Related Demand</td><td>Consumption Min = Lowest level of energy consumed</td></tr> <tr> <td>Demand Response Resource</td><td>Max Reduction = Highest level of energy reduction</td></tr> </tbody> </table> | Asset Type | Value | Generators | Real-Time Eco Max = Highest unrestricted level of energy | Asset Related Demand | Consumption Min = Lowest level of energy consumed | Demand Response Resource | Max Reduction = Highest level of energy reduction |
| Asset Type | Value | | | | | | | | |
| Generators | Real-Time Eco Max = Highest unrestricted level of energy | | | | | | | | |
| Asset Related Demand | Consumption Min = Lowest level of energy consumed | | | | | | | | |
| Demand Response Resource | Max Reduction = Highest level of energy reduction | | | | | | | | |
| Energy Quantity | Determined as follows: <table border="1"> <thead> <tr> <th>Asset Type</th><th>Value</th></tr> </thead> <tbody> <tr> <td>Generator</td><td rowspan="2">Metered Quantity for Settlement</td></tr> <tr> <td>Asset Related Demand</td></tr> <tr> <td>Demand Response Resource</td><td>No value</td></tr> </tbody> </table> | Asset Type | Value | Generator | Metered Quantity for Settlement | Asset Related Demand | Demand Response Resource | No value | |
| Asset Type | Value | | | | | | | | |
| Generator | Metered Quantity for Settlement | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | No value | | | | | | | | |

SD_RSVDTL5MINSUB2 – Reserve Detail Five Minute Subaccount Report – Rev 0
SD_RSVDTL5MINSUB2_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|------------|-------|-----------|--|----------------------|--------------------------|--|---|
| Energy Quantity Reduction | Determined as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td rowspan="2">No value</td></tr> <tr> <td>Asset Related Demand</td></tr> <tr> <td>Demand Response Resource</td><td>Metered Demand Reduction Quantity for Settlement</td></tr> </table> | Asset Type | Value | Generator | No value | Asset Related Demand | Demand Response Resource | Metered Demand Reduction Quantity for Settlement | |
| Asset Type | Value | | | | | | | | |
| Generator | No value | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | Metered Demand Reduction Quantity for Settlement | | | | | | | | |
| Energy Quantity Net Supply | Determined as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td rowspan="2">No value</td></tr> <tr> <td>Asset Related Demand</td></tr> <tr> <td>Demand Response Resource</td><td>Metered Net Supply Quantity for Settlement</td></tr> </table> | Asset Type | Value | Generator | No value | Asset Related Demand | Demand Response Resource | Metered Net Supply Quantity for Settlement | |
| Asset Type | Value | | | | | | | | |
| Generator | No value | | | | | | | | |
| Asset Related Demand | | | | | | | | | |
| Demand Response Resource | Metered Net Supply Quantity for Settlement | | | | | | | | |
| Real-Time Reserve Market TMSR Clearing Price | Real-Time Reserve Market TMSR Clearing Price | | | | | | | | |
| Real-Time TMSR Capacity MW | Calculated as follows: <table> <tr> <th>Asset Type</th><th>Value</th></tr> <tr> <td>Generator</td><td>MAX (Real-Time Eco Max - Energy Quantity, 0)</td></tr> <tr> <td>Asset Related Demand</td><td>ABS (Energy Quantity)</td></tr> <tr> <td>Demand Response Resource</td><td>MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0)</td></tr> </table> | Asset Type | Value | Generator | MAX (Real-Time Eco Max - Energy Quantity, 0) | Asset Related Demand | ABS (Energy Quantity) | Demand Response Resource | MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0) |
| Asset Type | Value | | | | | | | | |
| Generator | MAX (Real-Time Eco Max - Energy Quantity, 0) | | | | | | | | |
| Asset Related Demand | ABS (Energy Quantity) | | | | | | | | |
| Demand Response Resource | MAX (Max Reduction - Energy Quantity Reduction – Energy Quantity Net Supply, 0) | | | | | | | | |
| Real-Time Operations TMSR Designation | Amount of TMSR designated in Real-Time, or zero if the Energy Quantity value is zero | | | | | | | | |
| Real-Time TMSR Designation | MIN (Real-Time TMSR Capacity MW, Real-Time Operations TMSR Designation) | | | | | | | | |
| Real-Time TMSR Credit | Real-Time TMSR Designation \times Real-Time TMSR Clearing Price /12 | | | | | | | | |
| Subaccount Share TMSR Credit | Real-Time TMSR Credit \times Ownership Share | | | | | | | | |
| Real-Time Reserve Market TMNSR Clearing Price | Real-Time Reserve Market TMNSR Clearing Price | | | | | | | | |
| Real-Time TMNSR Capacity MW | Real-Time TMSR Capacity MW - Real-Time TMSR Designation | | | | | | | | |
| Real-Time Operations TMNSR Designation | Amount of TMNSR designated in Real-Time | | | | | | | | |
| Real-Time TMNSR Designation | MIN (Real-Time TMNSR Capacity MW, Real-Time Operations TMNSR Designation) | | | | | | | | |
| Real-Time TMNSR Credit | Real-Time TMNSR Designation \times Real-Time TMNSR Clearing Price / 12 | | | | | | | | |
| Subaccount Share TMNSR Credit | Real-Time TMNSR Credit \times Ownership Share. | | | | | | | | |

SD_RSVDTL5MINSUB2 – Reserve Detail Five Minute Subaccount Report – Rev 0
SD_RSVDTL5MINSUB2_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Real-Time Reserve Market TMOR Clearing Price | Real-Time Reserve Market TMOR Clearing Price |
| Real-Time TMOR Capacity MW | Real-Time TMSR Capacity MW – Real-Time TMSR Designation – Real-Time TMNSR Designation |
| Real-Time Operations TMOR Designation | Amount of TMOR designated in Real-Time |
| Real-Time TMOR Designation | MIN (Real-Time TMOR Capacity MW, Real-Time Operations TMOR Designation) |
| Real-Time TMOR Credit | Real-Time TMOR Designation \times Real-Time TMOR Clearing Price / 12 |
| Subaccount Share TMOR Credit | Real-Time TMOR Credit \times Ownership Share |

SD_RSVDTL5MINSUB2 Change Summary

New.

SD_RSVTRANSACT –Forward Reserve Transaction Activity Report – RETIRED

SD_RSVTRANSACT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement to Participants with Forward Reserve Transactions.

| REPORT COLUMN | DESCRIPTION |
|--------------------|---|
| INTERNAL Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Product Type | Reserve product type –, Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Transaction Number | An identifier generated by the Market System at time of Transaction submittal. |
| Reference ID | A customer-specified string, supplied at the time of Transaction submittal, used to facilitate the customer's organization and tracking of his Transaction information. |
| Transaction Type | A flag indicating the type of contract. |
| Other Party | A string indicating the counter-party to the transaction. |
| Amount | The Transaction Megawatt Value. |

| SD_RSVTRANSACT Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Existing. | 10.01.2006 |

| SD_RTASSET5MIN – Real-Time Asset 5-minute Energy Quantity– Rev 2 SD_RTASSET5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Issued daily to Participants with ownership shares in generation, load, or tie-line assets. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Energy Profile | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | <ul style="list-style-type: none"> • Load • Generation • Asset Related Demand |
| 5 Min RQM | Submitted revenue quality meter reading for the five-minute trading interval. |
| Hourly RQM | Submitted revenue quality meter reading for the hour, subject to profiling. |
| Telemetry Value | Telemetry value for the five-minute trading interval, subject to profiling, for generating assets and Dispatchable Asset Related Demand. |
| Calculation Method | Method used to determine the Energy Quantity. Valid values are: <ul style="list-style-type: none"> • RQM • ZERO • FLAT PROFILING • SCALING • NET ADJUSTMENT |
| Scaling Factor | The value applied to each five-minute trading interval for profiling if Calculation Method is SCALING. The value is calculated as the Hourly RQM divided by the hourly average of the five-minute telemetry. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. <ul style="list-style-type: none"> • For assets with a Calculation Method of RQM, this value will equal the five-minute RQM. • For assets with a Calculation Method of ZERO, this value will equal zero. • For assets with a Calculation Method of FLAT PROFILING, this value will equal the Hourly RQM. • For assets with a Calculation Method of SCALING, this value will equal the Telemetry Value multiplied by the Scaling Factor. |

| SD_RTASSET5MIN – Real-Time Asset 5-minute Energy Quantity– Rev 2 SD_RTASSET5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Issued daily to Participants with ownership shares in generation, load, or tie-line assets. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | <ul style="list-style-type: none"> For assets with a Calculation Method of NET ADJUSTMENT, the asset is either a Generator or DARD associated with an Energy Storage Device. The telemetry value is adjusted such that energy production and consumption are reported distinctly in the Generator and DARD assets, respectively. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Share of Energy Quantity | Participant's share of the Energy Quantity based on the Ownership Share of the asset. |
| Demand Response Resource Energy Profile | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | <ul style="list-style-type: none"> Demand Response Resource |
| Energy Quantity Reduction | The Metered Demand Reduction Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |

| SD_RTASSET5MIN Change Summary | Effective Date |
|---|-----------------------|
| Modified. Added new Calculation Method (Net Adjustment) and added description to Energy Quantity calculation when Calculation Method is equal to Net Adjustment. | 04.01.2019 |
| Modified. Added Demand Response Resource Energy Profile section. | 06.01.2018 |
| New. Update to previously posted Draft report description document: the column heading "5min RQM" changed to "5 Min RQM". | 03.01.2017 |

| SD_RTASSET5MINSUB – Real-Time Asset 5-minute Energy Quantity Subaccount – Rev 0 SD_RTASSET5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Issued daily to Participants Subaccounts with ownership shares in generation, load, or tie-line assets. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Energy Profile | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | <ul style="list-style-type: none"> • Load • Generation • Asset Related Demand |
| 5 Min RQM | Submitted revenue quality meter reading for the five-minute trading interval. |
| Hourly RQM | Submitted revenue quality meter reading for the hour, subject to profiling. |
| Telemetry Value | Telemetry value for the five-minute trading interval, subject to profiling, for generating assets and Dispatchable Asset Related Demand. |
| Calculation Method | Method used to determine the Energy Quantity. Valid values are: <ul style="list-style-type: none"> • RQM • ZERO • FLAT PROFILING • SCALING • NET ADJUSTMENT |
| Scaling Factor | The value applied to each five-minute trading interval for profiling if Calculation Method is SCALING. The value is calculated as the Hourly RQM divided by the hourly average of the five-minute telemetry. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. <ul style="list-style-type: none"> • For assets with a Calculation Method of RQM, this value will equal the five-minute RQM. • For assets with a Calculation Method of ZERO, this value will equal zero. • For assets with a Calculation Method of FLAT PROFILING, this value will equal the Hourly RQM. • For assets with a Calculation Method of SCALING, this value will equal the Telemetry Value multiplied by the Scaling Factor. • For assets with a Calculation Method of NET ADJUSTMENT, the asset is either a Generator or DARD associated with an Energy |

| SD_RTASSET5MINSUB – Real-Time Asset 5-minute Energy Quantity Subaccount – Rev 0 SD_RTASSET5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Issued daily to Participants Subaccounts with ownership shares in generation, load, or tie-line assets. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | Storage Device. The telemetry value is adjusted such that energy production and consumption are reported distinctly in the Generator and DARD assets, respectively. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Share of Energy Quantity | Participant's share of the Energy Quantity based on the Ownership Share of the asset. |
| Demand Response Resource Energy Profile | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | <ul style="list-style-type: none"> Demand Response Resource |
| Energy Quantity Reduction | The Metered Demand Reduction Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |
| Energy Quantity Net Supply | The Metered Net Supply Quantity for Settlement for the five-minute trading interval for Demand Response Resources. |

| SD_RTASSET5MINSUB Change Summary | Effective Date |
|----------------------------------|----------------|
| New. | 01.01.2021 |

| SD_RTDOMAIN – Real Time Metering Domain Unmetered Load Report – Rev 3 SD_RTDOMAIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-daily market settlement available to customers who are responsible for Metering Domain. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Metering Domain | Identification number of metering domain. A collection of Nodes with associated generator, Load and Tie Line assets. The Metering Domain exists for the purpose of balancing load, generation and tie lines. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none"> • ASSET RELATED DEMAND • GENERATOR • LOAD • TIE LINE |
| Asset Subtype | Asset Related Demand subtypes include: <ul style="list-style-type: none"> • ENERGY STORAGE • PUMP STORAGE • STATION SERVICE Generator asset subtypes include, but are not limited to: <ul style="list-style-type: none"> • COAL GASIFICATION • COMBINED CYCLE • COMPRESSED AIR STORAGE • GAS TURBINE • HYDRO: PUMPED STORAGE • PHOTOVOLTAIC • STEAM TURBINE Load asset subtypes include: <ul style="list-style-type: none"> • LOSSES • NORMAL • STATION SERVICE Tie Line asset subtypes include: <ul style="list-style-type: none"> • COMPOSITE • EHV • LV |
| Monitor Metering Domain | Associated with TIE LINE assets. “Y” if the specified Metering Domain is the Monitoring Domain. “N” if it is the receiver. |
| Meter Reader Customer ID | Customer ID of the responsible party for meter reading of the given asset. |
| Meter Reading (Input) | Input value of the meter reading. |
| Meter Reading (Calculation) | Calculation value of meter reading. |

| SD_RTDOMAIN – Real Time Metering Domain Unmetered Load Report – Rev 3 SD_RTDOMAIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-daily market settlement available to customers who are responsible for Metering Domain. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Monitor Metering Domain Customer ID | Associated with TIE LINE assets. The Customer ID of the responsible party of the Monitoring Metering Domain. |
| Receiver Metering Domain Customer ID | Associated with TIE LINE assets. The Customer ID of the responsible party of the Receiver Metering Domain. |

| SD_RTDOMAIN Change Summary | Effective Date |
|--|----------------|
| Modified. Updated list of asset subtypes | 09.17.2019 |
| Modified. Added columns “Monitor Metering Domain Customer ID” and “Receiver Metering Domain Customer ID.” | 02.03.2016 |
| Existing. | 10.01.2001 |

| SD_RTLOAD – Load Obligation Report – Rev 5 | |
|--|--|
| SD_RTLOAD_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Post-daily market settlement available to customers who have ownership of a Load Asset | |
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Sub-Type | Load asset subtypes include: <ul style="list-style-type: none"> • LOSSES • NORMAL • STATION SERVICE Asset Related Demand subtypes include: <ul style="list-style-type: none"> • ENERGY STORAGE • PUMP STORAGE |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | The Location Type, as follows: <ul style="list-style-type: none"> • METERING DOMAIN • NETWORK NODE |
| Load Reading | Participant submitted or ISO-NE calculated meter reading for the Trading Interval. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a Load Asset, where such load is interconnected to the New England Transmission System. |
| Share of Load Reading | Load Asset Meter Reading multiplied by Ownership Share. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_RTLOAD Change Summary | Effective Date |
|---|----------------|
| Modified. Updated Asset Sub-type column description. | 09.17.2019 |
| Modified. Added additional items to Asset Sub-Type column description. | 04.01.2019 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| Existing. | 01.01.2001 |

SD_RTLOADSUB – Load Obligation Subaccount Report – Rev 0

SD_RTLOADSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to customers who have ownership of a Load Asset with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|-----------------------|---|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Sub-Type | Load asset subtypes include: <ul style="list-style-type: none">• LOSSES• NORMAL• STATION SERVICE Asset Related Demand subtypes include: <ul style="list-style-type: none">• ENERGY STORAGE• PUMP STORAGE |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | The Location Type, as follows: <ul style="list-style-type: none">• METERING DOMAIN• NETWORK NODE |
| Load Reading | Participant submitted or ISO-NE calculated meter reading for the Trading Interval. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a Load Asset, where such load is interconnected to the New England Transmission System. |
| Share of Load Reading | Load Asset Meter Reading multiplied by Ownership Share. |

| SD_RTLOADSUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 04.01.2020 |

SD_RTNCPPCS – Real-Time NCPC Cancelled Start Credit – Rev 0

SD_RTNCPPCS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | |
|--|--|--------|-------------|---|--|---|---|----|--|----|----------------------------------|----|---|----|---|----|--|
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | |
| Cancelled Start Order Time | The timestamp of the cancelled start order. | | | | | | | | | | | | | | | | |
| Scheduled Start Time | The date/time of the scheduled start. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | |
| Start-Up Time | The number of hours needed to reach Economic Minimum Limit after synchronization. (Hot start time, inter start time, or cold start time) | | | | | | | | | | | | | | | | |
| Notification Time | The number of hours required to synchronize the unit to the system. (Hot Notification Time, Inter Notification Time, or Cold Notification Time) | | | | | | | | | | | | | | | | |
| Notification Start Time | The Scheduled Start Time less the Notification Time and Start-Up Time. | | | | | | | | | | | | | | | | |
| Expected Type of Start | The applicable Type of Start: <ul style="list-style-type: none"> • HOT • INTER • COLD | | | | | | | | | | | | | | | | |
| Cancelled Start Credit Ineligible Code | Code identifier providing the reason for Cancelled Start Credit ineligibility: <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>2</td><td>Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval</td></tr> <tr> <td>4</td><td>Self Scheduled in planned Start-Up trading interval</td></tr> <tr> <td>16</td><td>Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour</td></tr> <tr> <td>17</td><td>Notification Time >= 24 hours</td></tr> <tr> <td>18</td><td>Cancelled Start Order Time outside of the notification and synchronization window</td></tr> <tr> <td>19</td><td>Generator's last action was a Start-Up/release for dispatch with no shutdown.</td></tr> <tr> <td>20</td><td>Generator self scheduled following the cancelled start order</td></tr> </tbody> </table> | Reason | Description | 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval | 4 | Self Scheduled in planned Start-Up trading interval | 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour | 17 | Notification Time >= 24 hours | 18 | Cancelled Start Order Time outside of the notification and synchronization window | 19 | Generator's last action was a Start-Up/release for dispatch with no shutdown. | 20 | Generator self scheduled following the cancelled start order |
| Reason | Description | | | | | | | | | | | | | | | | |
| 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval | | | | | | | | | | | | | | | | |
| 4 | Self Scheduled in planned Start-Up trading interval | | | | | | | | | | | | | | | | |
| 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour | | | | | | | | | | | | | | | | |
| 17 | Notification Time >= 24 hours | | | | | | | | | | | | | | | | |
| 18 | Cancelled Start Order Time outside of the notification and synchronization window | | | | | | | | | | | | | | | | |
| 19 | Generator's last action was a Start-Up/release for dispatch with no shutdown. | | | | | | | | | | | | | | | | |
| 20 | Generator self scheduled following the cancelled start order | | | | | | | | | | | | | | | | |
| Commitment Start-Up Cost | Applicable Start-Up Cost from the Effective Offer for commitment. (Hot, Inter, or Cold) | | | | | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing the reason for the adjustment to the Start-Up Cost: <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | |

SD_RTNCPPCS – Real-Time NCPC Cancelled Start Credit – Rev 0

SD_RTNCPPCS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Adjusted Start-Up Cost | Commitment Start-Up Cost, less adjustments. |
| Completed Notification Time | Minimum of Cancelled Start Order Time minus Notification Start Time, or Notification Time. |
| Cancelled Start Credit | Adjusted Start-Up Cost multiplied by the ratio of Completed Notification Time to Notification Time. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Cancelled Start Credit | Participant's share of the Cancelled Start Credit based on the Ownership Share of the asset. |
| NCPC Cancelled Start Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA |

| SD_RTNCPPCS Change Summary | Effective Date |
|----------------------------|----------------|
| New | 12.03.2014 |

| SD_RTNCPCSSUB – Real-Time NCPC Cancelled Start Credit Subaccount Report – Rev 0 SD_RTNCPCSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | | | | | | | | | | | |
|--|--|--------|-------------|---|--|---|---|----|--|----|-------------------------------|----|---|----|---|----|--|
| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | |
| Cancelled Start Order Time | The timestamp of the cancelled start order. | | | | | | | | | | | | | | | | |
| Scheduled Start Time | The date/time of the scheduled start. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | |
| Start-Up Time | The number of hours needed to reach Economic Minimum Limit after synchronization. (Hot start time, inter start time, or cold start time) | | | | | | | | | | | | | | | | |
| Notification Time | The number of hours required to synchronize the unit to the system. (Hot Notification Time, Inter Notification Time, or Cold Notification Time) | | | | | | | | | | | | | | | | |
| Notification Start Time | The Scheduled Start Time less the Notification Time and Start-Up Time. | | | | | | | | | | | | | | | | |
| Expected Type of Start | The applicable Type of Start: <ul style="list-style-type: none"> • HOT • INTER • COLD | | | | | | | | | | | | | | | | |
| Cancelled Start Credit Ineligible Code | Code identifier providing the reason for Cancelled Start Credit ineligibility: <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>2</td><td>Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval</td></tr> <tr> <td>4</td><td>Self Scheduled in planned Start-Up trading interval</td></tr> <tr> <td>16</td><td>Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour</td></tr> <tr> <td>17</td><td>Notification Time >= 24 hours</td></tr> <tr> <td>18</td><td>Cancelled Start Order Time outside of the notification and synchronization window</td></tr> <tr> <td>19</td><td>Generator's last action was a Start-Up/release for dispatch with no shutdown.</td></tr> <tr> <td>20</td><td>Generator self scheduled following the cancelled start order</td></tr> </tbody> </table> | Reason | Description | 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval | 4 | Self Scheduled in planned Start-Up trading interval | 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour | 17 | Notification Time >= 24 hours | 18 | Cancelled Start Order Time outside of the notification and synchronization window | 19 | Generator's last action was a Start-Up/release for dispatch with no shutdown. | 20 | Generator self scheduled following the cancelled start order |
| Reason | Description | | | | | | | | | | | | | | | | |
| 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up trading interval | | | | | | | | | | | | | | | | |
| 4 | Self Scheduled in planned Start-Up trading interval | | | | | | | | | | | | | | | | |
| 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up hour | | | | | | | | | | | | | | | | |
| 17 | Notification Time >= 24 hours | | | | | | | | | | | | | | | | |
| 18 | Cancelled Start Order Time outside of the notification and synchronization window | | | | | | | | | | | | | | | | |
| 19 | Generator's last action was a Start-Up/release for dispatch with no shutdown. | | | | | | | | | | | | | | | | |
| 20 | Generator self scheduled following the cancelled start order | | | | | | | | | | | | | | | | |
| Commitment Start-Up Cost | Applicable Start-Up Cost from the Effective Offer for commitment. (Hot, Inter, or Cold) | | | | | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing the reason for the adjustment to the Start-Up Cost: <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> </tbody> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | |

| SD_RTNCPCSSUB – Real-Time NCPC Cancelled Start Credit Subaccount Report – Rev 0 SD_RTNCPCSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | |
|--|---|--|--|
| REPORT COLUMN | | DESCRIPTION | |
| | 4 | Ex-post mitigation | |
| | 5 | Reversal of ex-ante mitigation | |
| | 6 | Correction of ex-ante mitigation | |
| Adjusted Start-Up Cost | | Commitment Start-Up Cost, less adjustments. | |
| Completed Notification Time | | Minimum of Cancelled Start Order Time minus Notification Start Time, or Notification Time. | |
| Cancelled Start Credit | | Adjusted Start-Up Cost multiplied by the ratio of Completed Notification Time to Notification Time. | |
| Ownership Share | | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | |
| Subaccount Share of Cancelled Start Credit | | Subaccount share of the Cancelled Start Credit based on the Ownership Share of the asset. | |
| NCPC Cancelled Start Credit Type | | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA | |

| | |
|-------------------------------------|-----------------------|
| SD_RTNCPCSSUB Change Summary | Effective Date |
| New. | 06.01.2021 |

| SD_RTNCPCDARD5MIN - Real-Time DARD Commitment and Dispatch Report – Rev 1 SD_RTNCPCDARD5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Node ID | Numerical identifier for the node. |
| Node Name | Name of the node. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Commitment Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LV VAR • GPA • Postured |
| Real-Time Minimum Run Time | Real-Time minimum run time hours for the Trading Interval. |
| NCPC Minimum Consumption Limit | Minimum consumption limit for the Trading Interval used in the Real-Time NCPC credit calculations. |
| NCPC DDP | Desired Dispatch Point for the Trading Interval |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute Trading Interval. |
| Economic Dispatch Point | MW output level at which the DARD would operate under economic dispatch. |
| Eligible Quantity for Commitment Bid | The MW quantity used to calculate the Energy bid for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Cost | The MW quantity used to calculate cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Dispatch Bid | The MW quantity used to calculate the Energy bid for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Cost | The MW quantity used to calculate cost for the Real-Time NCPC Dispatch Credit. |
| NCPC Self Schedule | Flag used to indicate the DARD was Self Scheduled for the Trading Interval. (Y/N) |

| SD_RTNCPCDARD5MIN - Real-Time DARD Commitment and Dispatch Report – Rev 1 SD_RTNCPCDARD5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Performance Audit | Flag used to indicate DARD was performing an audit during the Trading Interval. (Y/N) |
| Early Start Trading Interval | Flag used to indicate DARD started prior to the scheduled commitment time. (Y/N) |
| Continuous Storage Regulating Flag | Indicates if the ATRR related to Continuous Storage Facility is regulating. |

| SD_RTNCPCDARD5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. Renamed report to “Real-Time DARD Commitment and Dispatch Report”. Modified description of “Economic Dispatch Point”, “NCPC Self Schedule”, “Performance Audit” and “Early Start Trading Interval”. Added column: “Continuous Storage Regulating Flag” | 03.31.2019 |
| New | 03.01.2017 |

SD_RTNCPCDARD5MINSUB - Real-Time DARD Commitment and Dispatch Subaccount Report –Rev 0

SD_RTNCPCDARD5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|---|
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Node ID | Numerical identifier for the node. |
| Node Name | Name of the node. |
| Commitment Type | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LV VAR• GPA• Postured |
| Real-Time Minimum Run Time | Real-Time minimum run time hours for the Trading Interval. |
| NCPC Minimum Consumption Limit | Minimum consumption limit for the Trading Interval used in the Real-Time NCPC credit calculations. |
| NCPC DDP | Desired Dispatch Point for the Trading Interval |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute Trading Interval. |
| Economic Dispatch Point | MW output level at which the DARD would operate under economic dispatch. |
| Eligible Quantity for Commitment Bid | The MW quantity used to calculate the Energy bid for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Cost | The MW quantity used to calculate cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Dispatch Bid | The MW quantity used to calculate the Energy bid for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Cost | The MW quantity used to calculate cost for the Real-Time NCPC Dispatch Credit. |
| NCPC Self Schedule | Flag used to indicate the DARD was Self Scheduled for the Trading Interval. (Y/N) |
| Performance Audit | Flag used to indicate DARD was performing an audit during the Trading Interval. (Y/N) |

| SD_RTNCPCDARD5MINSUB - Real-Time DARD Commitment and Dispatch Subaccount Report –Rev 0 SD_RTNCPCDARD5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Early Start Trading Interval | Flag used to indicate DARD started prior to the scheduled commitment time. (Y/N) |
| Continuous Storage Regulating Flag | Indicates if the ATRR related to Continuous Storage Facility is regulating. |

| SD_RTNCPCDARD5MINSUB Change Summary | Effective Date |
|-------------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCDARDPYMT5MIN – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Report – Rev 2

SD_RTNCPCDARDPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|--|--------|-------------|----|---|----|--|----|--|
| DARD Credits Section | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Energy Bid for Commitment MW Ineligible Code | Code identifier providing a reason for the ineligibility of Energy Bid for Commitment MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing</td></tr> <tr> <td>38</td><td>DARD was not dispatched over Minimum Consumption Limit</td></tr> <tr> <td>52</td><td>Asset has not been committed by the ISO.</td></tr> </tbody> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing | 38 | DARD was not dispatched over Minimum Consumption Limit | 52 | Asset has not been committed by the ISO. |
| Reason | Description | | | | | | | | |
| 37 | DARD is performing a participant audit or owner testing | | | | | | | | |
| 38 | DARD was not dispatched over Minimum Consumption Limit | | | | | | | | |
| 52 | Asset has not been committed by the ISO. | | | | | | | | |
| Energy Bid for Commitment MW | The bid of the Eligible Quantity for Commitment Bid MW up to NCPC Minimum Consumption Limit, calculated using the Effective Offer for commitment. | | | | | | | | |
| Final Five-Minute Energy Bid for Commitment MW | The Energy Bid for Commitment MW divided by 12. | | | | | | | | |
| Energy Bid for Economic Dispatch MW Ineligible Code | Code identifier providing a reason for the ineligibility of Energy Bid for Economic Dispatch MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>38</td><td>DARD was not dispatched over Minimum Consumption Limit</td></tr> <tr> <td>52</td><td>Asset has not been committed by the ISO.</td></tr> </tbody> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing in the Trading Interval | 38 | DARD was not dispatched over Minimum Consumption Limit | 52 | Asset has not been committed by the ISO. |
| Reason | Description | | | | | | | | |
| 37 | DARD is performing a participant audit or owner testing in the Trading Interval | | | | | | | | |
| 38 | DARD was not dispatched over Minimum Consumption Limit | | | | | | | | |
| 52 | Asset has not been committed by the ISO. | | | | | | | | |
| Energy Bid for Economic Dispatch MW | The energy bid of the Eligible Quantity for Commitment Bid MW, dispatched between the NCPC Minimum Consumption Limit and the Economic Dispatch Point, calculated using the Effective Offer for commitment. | | | | | | | | |
| Final Five-Minute Energy Bid for Economic Dispatch MW | The Energy Bid for Economic Dispatch MW divided by 12. | | | | | | | | |

SD_RTNCPCDARDPYMT5MIN – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Report – Rev 2

SD_RTNCPCDARDPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| Commitment Bid | The sum of the Final Five-Minute Energy Bid for Commitment MW and the Final Five-Minute Energy Bid for Economic Dispatch MW. | | | | |
| Commitment Cost | The product of the Eligible Quantity for Commitment Cost and the Real-Time LMP, divided by 12. | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum run time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | |
| MRT Bid for Period | The sum of the Commitment Bid for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Credit for Settlement Period | MRT Cost for Period less MRT Bid for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Settlement Period less any adjustments. | | | | |
| Net Cost for MRT Trading Intervals | The Commitment Bid plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Cost for MRT Trading Intervals | The Net Cost for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Cost for Period | The sum of the Negative Net Cost for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Cost for the Period. | | | | |
| Net Cost for Post MRT Trading Intervals | The Commitment Bid plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Post MRT Credit Accumulated Net Cost | The accumulating Net Cost for Post MRT Trading Intervals. | | | | |
| Post MRT Credit Maximum Accumulated Net Cost | The maximum Post MRT Credit Accumulated Net Cost. If value is negative, it is set to zero. | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Cost less the Post MRT Credit Accumulated Net Cost for the last Trading Interval in the post MRT period. | | | | |
| Negative Net Cost for Post MRT Trading Intervals | The five-minute Net Cost for Post MRT Trading Intervals that is negative. | | | | |

SD_RTNCPCDARDPYMT5MIN – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Report – Rev 2

SD_RTNCPCDARDPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|--|--|--------|-------------|----|---|----|---|
| Total Negative Net Cost for Post MRT | The sum of the Negative Net Cost for Post MRT Trading Intervals. | | | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Cost for Post MRT. | | | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | | | |
| Dispatch Energy Bid Ineligible Code | Code identifier providing a reason for the ineligibility of Dispatch Energy Bid. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>39</td><td>DARD was not dispatched above Minimum Consumption Limit</td></tr> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing in the Trading Interval | 39 | DARD was not dispatched above Minimum Consumption Limit |
| Reason | Description | | | | | | |
| 37 | DARD is performing a participant audit or owner testing in the Trading Interval | | | | | | |
| 39 | DARD was not dispatched above Minimum Consumption Limit | | | | | | |
| Dispatch Energy Bid | The bid of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. | | | | | | |
| Final Dispatch Energy Bid | The Dispatch Energy Bid divided by 12. | | | | | | |
| Dispatch Cost | The product of the Eligible Quantity for Dispatch Cost and the Real-Time LMP, divided by 12. | | | | | | |
| Real-Time NCPC Dispatch Credit | Dispatch Cost less Final Dispatch Energy Bid. | | | | | | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero | | |
| Reason | Description | | | | | | |
| 9 | Negative credit set to zero | | | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | | | |
| Participant Share of Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Credit based on the Ownership Share of the asset. | | | | | | |
| Participant Share of Rapid Response Pricing Opportunity Cost NCPC Credit | Participant's share of the Rapid Response Pricing Opportunity Cost NCPC Credit based on the Ownership Share of the asset. | | | | | | |
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LV VAR • GPA • Economic Posturing | | | | | | |
| NCPC Dispatch Credit Type | The reason the asset was dispatched, as follows: <ul style="list-style-type: none"> • Economic • LV VAR • GPA • Economic Posturing | | | | | | |

| SD_RTNCPCDARDPYMT5MIN Change Summary | Effective Date |
|--|----------------|
| Modified. In "DARD Credits Section", updated list of codes in "Energy Bid for Commitment MW Ineligible Code" and "Energy Bid for Economic Dispatch MW Ineligible Code", updated descriptions for "NCPC Commitment Credit Type" and "NCPC Dispatch Credit Type". | 03.31.2019 |
| Modified. Renamed "DARD Credits Section". Modified description of "Energy Bid for | 03.31.2019 |

| | |
|--|------------|
| Commitment MW Ineligible Code”, “Energy Bid for Economic Dispatch MW Ineligible Code” and “Dispatch Energy Bid Ineligible Code”. | |
| New | 03.01.2017 |

SD_RTNCPCDARDPYMT5MINSUB – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|--------|-------------|----|---|----|--|----|---|
| DARD Credits Section | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Energy Bid for Commitment MW Ineligible Code | Code identifier providing a reason for the ineligibility of Energy Bid for Commitment MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing</td></tr> <tr> <td>38</td><td>DARD was not dispatched over Minimum Consumption Limit</td></tr> <tr> <td>52</td><td>Asset has not been committed by the ISO</td></tr> </tbody> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing | 38 | DARD was not dispatched over Minimum Consumption Limit | 52 | Asset has not been committed by the ISO |
| Reason | Description | | | | | | | | |
| 37 | DARD is performing a participant audit or owner testing | | | | | | | | |
| 38 | DARD was not dispatched over Minimum Consumption Limit | | | | | | | | |
| 52 | Asset has not been committed by the ISO | | | | | | | | |
| Energy Bid for Commitment MW | The bid of the Eligible Quantity for Commitment Bid MW up to NCPC Minimum Consumption Limit, calculated using the Effective Offer for commitment. | | | | | | | | |
| Final Five-Minute Energy Bid for Commitment MW | The Energy Bid for Commitment MW divided by 12. | | | | | | | | |
| Energy Bid for Economic Dispatch MW Ineligible Code | Code identifier providing a reason for the ineligibility of Energy Bid for Economic Dispatch MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>38</td><td>DARD was not dispatched over Minimum Consumption Limit</td></tr> <tr> <td>52</td><td>Asset has not been committed by the ISO</td></tr> </tbody> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing in the Trading Interval | 38 | DARD was not dispatched over Minimum Consumption Limit | 52 | Asset has not been committed by the ISO |
| Reason | Description | | | | | | | | |
| 37 | DARD is performing a participant audit or owner testing in the Trading Interval | | | | | | | | |
| 38 | DARD was not dispatched over Minimum Consumption Limit | | | | | | | | |
| 52 | Asset has not been committed by the ISO | | | | | | | | |
| Energy Bid for Economic Dispatch MW | The energy bid of the Eligible Quantity for Commitment Bid MW, dispatched between the NCPC Minimum Consumption Limit and the Economic Dispatch Point, calculated using the Effective Offer for | | | | | | | | |

SD_RTNCPCDARDPYMT5MINSUB – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| | commitment. | | | | |
| Final Five-Minute Energy Bid for Economic Dispatch MW | The Energy Bid for Economic Dispatch MW divided by 12. | | | | |
| Commitment Bid | The sum of the Final Five-Minute Energy Bid for Commitment MW and the Final Five-Minute Energy Bid for Economic Dispatch MW. | | | | |
| Commitment Cost | The product of the Eligible Quantity for Commitment Cost and the Real-Time LMP, divided by 12. | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum run time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | |
| MRT Bid for Period | The sum of the Commitment Bid for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Credit for Settlement Period | MRT Cost for Period less MRT Bid for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Settlement Period less any adjustments. | | | | |
| Net Cost for MRT Trading Intervals | The Commitment Bid plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Cost for MRT Trading Intervals | The Net Cost for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Cost for Period | The sum of the Negative Net Cost for MRT Trading Intervals for the Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Cost for the Period. | | | | |
| Net Cost for Post MRT Trading Intervals | The Commitment Bid plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment | | | | |

SD_RTNCPCDARDPYMT5MINSUB – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|---|--|--------|-------------|----|---|----|---|
| | Cost. | | | | | | |
| Post MRT Credit Accumulated Net Cost | The accumulating Net Cost for Post MRT Trading Intervals. | | | | | | |
| Post MRT Credit Maximum Accumulated Net Cost | The maximum Post MRT Credit Accumulated Net Cost. If value is negative, it is set to zero. | | | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Cost less the Post MRT Credit Accumulated Net Cost for the last Trading Interval in the post MRT period. | | | | | | |
| Negative Net Cost for Post MRT Trading Intervals | The five-minute Net Cost for Post MRT Trading Intervals that is negative. | | | | | | |
| Total Negative Net Cost for Post MRT | The sum of the Negative Net Cost for Post MRT Trading Intervals. | | | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Cost for Post MRT. | | | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | | | |
| Dispatch Energy Bid Ineligible Code | Code identifier providing a reason for the ineligibility of Dispatch Energy Bid. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>37</td><td>DARD is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>39</td><td>DARD was not dispatched above Minimum Consumption Limit</td></tr> </table> | Reason | Description | 37 | DARD is performing a participant audit or owner testing in the Trading Interval | 39 | DARD was not dispatched above Minimum Consumption Limit |
| Reason | Description | | | | | | |
| 37 | DARD is performing a participant audit or owner testing in the Trading Interval | | | | | | |
| 39 | DARD was not dispatched above Minimum Consumption Limit | | | | | | |
| Dispatch Energy Bid | The bid of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. | | | | | | |
| Final Dispatch Energy Bid | The Dispatch Energy Bid divided by 12. | | | | | | |
| Dispatch Cost | The product of the Eligible Quantity for Dispatch Cost and the Real-Time LMP, divided by 12. | | | | | | |
| Real-Time NCPC Dispatch Credit | Dispatch Cost less Final Dispatch Energy Bid. | | | | | | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero | | |
| Reason | Description | | | | | | |
| 9 | Negative credit set to zero | | | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | | | |
| Subaccount Share of Real-Time NCPC Credit | Subaccount's share of the Real-Time NCPC Credit based on the Ownership Share of the asset. | | | | | | |
| Subaccount Share of Rapid Response Pricing Opportunity Cost NCPC Credit | Subaccount's share of the Rapid Response Pricing Opportunity Cost NCPC Credit based on the Ownership Share of the asset. | | | | | | |

SD_RTNCPCDARDPYMT5MINSUB – Real-Time Net Commitment Period Compensation DARD Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LV VAR• GPA• Economic Posturing |
| NCPC Dispatch Credit Type | The reason the asset was dispatched, as follows: <ul style="list-style-type: none">• Economic• LV VAR• GPA• Economic Posturing |

| SD_RTNCPCDARDPYMT5MINSUB Change Summary | Effective Date |
|---|----------------|
| New. | 06.01.2021 |

SD_RTNCPCDARDPYMTHR – Real-Time Net Commitment Period Compensation DARD Payment Report**– Rev 1**

SD_RTNCPCDARDPYMTHR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Period Summary Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. |
| Post MRT Credit | The sum of Post MRT Credits for the Settlement Period. |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Asset Credit, for the Settlement Period, based on the Ownership Share of the asset. |
| DARD Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not |

SD_RTNCPCDARDPYMTHR – Real-Time Net Commitment Period Compensation DARD Payment Report
– Rev 1
SD_RTNCPCDARDPYMTHR_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Commitment Real-Time Economic NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = Economic. |
| Commitment Real-Time Generator Performance Audit NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = GPA. |
| Commitment Real-Time LV VAR NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = LV VAR. |
| Commitment Real-Time Postured NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = Postured. |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = Economic. |
| Dispatch Real-Time Generator Performance Audit NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = GPA. |
| Dispatch Real-Time LV VAR NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = LV VAR. |
| Dispatch Real-Time Postured NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = Postured. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the participant share of Rapid Response Pricing Opportunity Cost NCPC Credits. |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of the participant share of Dispatch LOC NCPC Credits. |

| SD_RTNCPCDARDPYMTHR Change Summary | Effective Date |
|--|----------------|
| Modified. Renamed section to “DARD Credits Section” | 03.31.2019 |
| New | 03.01.2017 |

SD_RTNCPCDARDPYMTHRSUB – Real-Time Net Commitment Period Compensation DARD Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 -23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. |
| Post MRT Credit | The sum of Post MRT Credits for the Settlement Period. |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share Real-Time NCPC Credit | Subaccount share of the Real-Time NCPC Asset Credit, for the Settlement Period, based on the Ownership Share of the asset. |
| DARD Credits Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |

SD_RTNCPCDARDPYMTHRSUB – Real-Time Net Commitment Period Compensation DARD Payment Subaccount Report – Rev 0

SD_RTNCPCDARDPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Commitment Real-Time Economic NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = Economic. |
| Commitment Real-Time Generator Performance Audit NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = GPA. |
| Commitment Real-Time LV VAR NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = LV VAR. |
| Commitment Real-Time Postured NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = Postured. |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = Economic. |
| Dispatch Real-Time Generator Performance Audit NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = GPA. |
| Dispatch Real-Time LV VAR NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = LV VAR. |
| Dispatch Real-Time Postured NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = Postured. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the subaccount share of Rapid Response Pricing Opportunity Cost NCPC Credits. |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of the subaccount share of Dispatch LOC NCPC Credits. |

| SD_RTNCPCDARDPYMTHRSUB Change Summary | Effective Date |
|---------------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCDDLOC - Real-Time Net Commitment Period Compensation DARD Dispatch LOC Payment Report – Rev 2

SD_RTNCPCDDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|--|--|--------|-------------|----|---------------------------------------|----|--|----|---|----|--------------------------------------|----|--|----|---|
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility of Dispatch LOC NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>22</td><td>Asset is postured in Trading Interval</td></tr> <tr> <td>28</td><td>Asset is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>34</td><td>Asset is not dispatchable in Trading Interval</td></tr> <tr> <td>35</td><td>Asset is offline in Trading Interval</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval</td></tr> </table> | Reason | Description | 22 | Asset is postured in Trading Interval | 28 | Asset is performing a participant audit or owner testing in the Trading Interval | 34 | Asset is not dispatchable in Trading Interval | 35 | Asset is offline in Trading Interval | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval |
| Reason | Description | | | | | | | | | | | | | | |
| 22 | Asset is postured in Trading Interval | | | | | | | | | | | | | | |
| 28 | Asset is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | |
| 34 | Asset is not dispatchable in Trading Interval | | | | | | | | | | | | | | |
| 35 | Asset is offline in Trading Interval | | | | | | | | | | | | | | |
| 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | | | | | | | | | | | | | | |
| 41 | Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval | | | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the DARD would operate under economic dispatch. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Bid | The bid of the energy up to the Dispatch LOC Economic Dispatch Point. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Savings | The difference between the Economic Dispatch Point Energy Bid and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | | | |
| Economic Dispatch Point Reserve Profit | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time Reserve TMSR Clearing Price, divided by 12. | | | | | | | | | | | | | | |
| Dispatch LOC Consumption | The greater of the Energy Quantity and the NCPC DDP. | | | | | | | | | | | | | | |
| Consumption Energy Bid | The bid of the energy up to the Dispatch LOC Consumption. | | | | | | | | | | | | | | |
| Consumption Energy Cost | The product of Dispatch LOC Consumption and the Real-Time LMP. | | | | | | | | | | | | | | |

SD_RTNCPCDDLOC - Real-Time Net Commitment Period Compensation DARD Dispatch LOC Payment Report – Rev 2

SD_RTNCPCDDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Consumption Energy Savings | The difference between the Consumption Energy Bid and Consumption Energy Cost, divided by 12. |
| Real-Time Reserve Credit | The Real-Time TMSR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Savings plus Economic Dispatch Point Reserve Profit, minus the Consumption Energy Savings, plus the Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The Rapid Response Pricing Opportunity Cost NCPC Credit for the Trading Interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC, minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Dispatch LOC | Participant's share of the Adjusted Dispatch LOC based on the Ownership Share of the asset. |

| SD_RTNCPCDDLOC Change Summary | Effective Date |
|--|----------------|
| Modified. Updated description of "Dispatch LOC Ineligible Code" column | 05.01.2020 |
| Modified. Updated description of "Dispatch LOC Economic Dispatch Point" column. | 03.31.2019 |
| New | 03.01.2017 |

SD_RTNCPCDDLOCSUB - Real-Time Net Commitment Period Compensation DARD Dispatch LOC Payment Subaccount Report – Rev 0

SD_RTNCPCDDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|--|--|--------|-------------|----|---------------------------------------|----|--|----|---|----|--------------------------------------|----|--|----|---|
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility of Dispatch LOC NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>22</td><td>Asset is postured in Trading Interval</td></tr> <tr> <td>28</td><td>Asset is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>34</td><td>Asset is not dispatchable in Trading Interval</td></tr> <tr> <td>35</td><td>Asset is offline in Trading Interval</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval</td></tr> </table> | Reason | Description | 22 | Asset is postured in Trading Interval | 28 | Asset is performing a participant audit or owner testing in the Trading Interval | 34 | Asset is not dispatchable in Trading Interval | 35 | Asset is offline in Trading Interval | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval |
| Reason | Description | | | | | | | | | | | | | | |
| 22 | Asset is postured in Trading Interval | | | | | | | | | | | | | | |
| 28 | Asset is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | |
| 34 | Asset is not dispatchable in Trading Interval | | | | | | | | | | | | | | |
| 35 | Asset is offline in Trading Interval | | | | | | | | | | | | | | |
| 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | | | | | | | | | | | | | | |
| 41 | Economic Dispatch Point is not greater than the Asset Consumption in Trading Interval | | | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the DARD would operate under economic dispatch. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Bid | The bid of the energy up to the Dispatch LOC Economic Dispatch Point. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Savings | The difference between the Economic Dispatch Point Energy Bid and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | | | |
| Economic Dispatch Point Reserve Profit | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time Reserve TMSR Clearing Price, divided by 12. | | | | | | | | | | | | | | |
| Dispatch LOC Consumption | The greater of the Energy Quantity and the NCPC DDP. | | | | | | | | | | | | | | |
| Consumption Energy Bid | The bid of the energy up to the Dispatch LOC Consumption. | | | | | | | | | | | | | | |
| Consumption Energy Cost | The product of Dispatch LOC Consumption and the Real-Time LMP. | | | | | | | | | | | | | | |
| Consumption Energy Savings | The difference between the Consumption Energy Bid and Consumption Energy Cost, divided by 12. | | | | | | | | | | | | | | |

**SD_RTNCPCDDLOCSUB - Real-Time Net Commitment Period Compensation DARD Dispatch LOC
Payment Subaccount Report – Rev 0**

SD_RTNCPCDDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Real-Time Reserve Credit | The Real-Time TMSR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Savings plus Economic Dispatch Point Reserve Profit, minus the Consumption Energy Savings, plus the Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The Rapid Response Pricing Opportunity Cost NCPC Credit for the Trading Interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC, minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share of Dispatch LOC | Subaccount share of the Adjusted Dispatch LOC based on the Ownership Share of the asset. |

| SD_RTNCPCDDLOCSUB Change Summary | Effective Date |
|----------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCDLOC – Real-Time Net Commitment Period Compensation Dispatch LOC Report – Rev 1

SD_RTNCPCDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | |
|---|--|--------|-------------|----|--|----|---|----|--|----|--|----|---------------------------------------|----|--|----|--|
| Generator Credits Section | | | | | | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch LOC NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>22</td><td>Asset is postured in Trading Interval.</td></tr> <tr> <td>28</td><td>Asset is performing a participant audit or owner testing in the Trading Interval.</td></tr> <tr> <td>32</td><td>Asset is on regulation in Trading Interval</td></tr> <tr> <td>34</td><td>Asset is not dispatchable in Trading Interval.</td></tr> <tr> <td>35</td><td>Asset is offline in Trading Interval.</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the Asset Output in Trading Interval</td></tr> </table> | Reason | Description | 22 | Asset is postured in Trading Interval. | 28 | Asset is performing a participant audit or owner testing in the Trading Interval. | 32 | Asset is on regulation in Trading Interval | 34 | Asset is not dispatchable in Trading Interval. | 35 | Asset is offline in Trading Interval. | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the Asset Output in Trading Interval |
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| 41 | Economic Dispatch Point is not greater than the Asset Output in Trading Interval | | | | | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the generator would operate under economic dispatch. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The cost of the energy up to the Dispatch LOC Economic Dispatch Point. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Revenue | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Profit | The difference between the Economic Dispatch Point Energy Revenue and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point TMSR | The minimum value of Economic Max minus Dispatch LOC Economic Dispatch Point and the asset's Ramp Rate multiplied by 10. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point TMOR | The minimum value of Economic Max minus Dispatch LOC Economic Dispatch Point and the asset's Ramp Rate multiplied by 30, reduced by the Economic Dispatch Point TMSR. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Reserve Revenue | The quantity Economic Dispatch Point TMSR multiplied by Real Time Reserve TMSR clearing price, plus the Economic Dispatch Point TMOR multiplied by Real Time Reserve TMOR clearing price, divided by 12. | | | | | | | | | | | | | | | | |
| Dispatch LOC Actual Output | The greater of the Energy Quantity and NCPC DDP for generators or DNE MWs. | | | | | | | | | | | | | | | | |
| Actual Output Energy Cost | The cost of the energy up to the Dispatch LOC Actual Output. | | | | | | | | | | | | | | | | |
| Actual Output Energy Revenue | The product of Dispatch LOC Actual Output and the Real-Time LMP. | | | | | | | | | | | | | | | | |

| SD_RTNCPCDLOC – Real-Time Net Commitment Period Compensation Dispatch LOC Report – Rev 1 | |
|--|---|
| SD_RTNCPCDLOC_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily | |
| REPORT COLUMN | DESCRIPTION |
| Actual Output Energy Profit | The difference between the Actual Output Energy Revenue and Actual Output Energy Cost, divided by 12. |
| Real-Time Reserve Credit | The sum of the Real-Time TMSR Reserve Credit and the Real Time TMOR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Profit plus Economic Dispatch Point Reserve Revenue, minus the Actual Output Energy Profit, plus Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The Rapid Response Pricing Opportunity Cost NCPC Credit for the interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Dispatch LOC | Participant's share of the Adjusted Dispatch LOC based on the Ownership Share of the asset. |

| SD_RTNCPCDLOC Change Summary | Effective Date |
|---|----------------|
| Modified. Updated description of "Dispatch LOC Ineligible Code" column | 05.01.2020 |
| New | 03.01.2017 |

SD_RTNCPCDLOCSUB – Real-Time Net Commitment Period Compensation Dispatch LOC Subaccount Report – Rev 0

SD_RTNCPCDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | |
|---|--|--------|-------------|----|--|----|---|----|--|----|--|----|---------------------------------------|----|--|----|--|
| Generator Credits Section | | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch LOC NCPC Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>22</td><td>Asset is postured in Trading Interval.</td></tr> <tr> <td>28</td><td>Asset is performing a participant audit or owner testing in the Trading Interval.</td></tr> <tr> <td>32</td><td>Asset is on regulation in Trading Interval</td></tr> <tr> <td>34</td><td>Asset is not dispatchable in Trading Interval.</td></tr> <tr> <td>35</td><td>Asset is offline in Trading Interval.</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the Asset Output in Trading Interval</td></tr> </tbody> </table> | Reason | Description | 22 | Asset is postured in Trading Interval. | 28 | Asset is performing a participant audit or owner testing in the Trading Interval. | 32 | Asset is on regulation in Trading Interval | 34 | Asset is not dispatchable in Trading Interval. | 35 | Asset is offline in Trading Interval. | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the Asset Output in Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | |
| 22 | Asset is postured in Trading Interval. | | | | | | | | | | | | | | | | |
| 28 | Asset is performing a participant audit or owner testing in the Trading Interval. | | | | | | | | | | | | | | | | |
| 32 | Asset is on regulation in Trading Interval | | | | | | | | | | | | | | | | |
| 34 | Asset is not dispatchable in Trading Interval. | | | | | | | | | | | | | | | | |
| 35 | Asset is offline in Trading Interval. | | | | | | | | | | | | | | | | |
| 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | | | | | | | | | | | | | | | | |
| 41 | Economic Dispatch Point is not greater than the Asset Output in Trading Interval | | | | | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the generator would operate under economic dispatch. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The cost of the energy up to the Dispatch LOC Economic Dispatch Point. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Revenue | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Energy Profit | The difference between the Economic Dispatch Point Energy Revenue and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point TMSR | The minimum value of Economic Max minus Dispatch LOC Economic Dispatch Point and the asset's Ramp Rate multiplied by 10. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point TMOR | The minimum value of Economic Max minus Dispatch LOC Economic Dispatch Point and the asset's Ramp Rate multiplied by 30, reduced by the Economic Dispatch Point TMSR. | | | | | | | | | | | | | | | | |
| Economic Dispatch Point Reserve Revenue | The quantity Economic Dispatch Point TMSR multiplied by Real Time Reserve TMSR clearing price, plus the Economic Dispatch Point TMOR multiplied by Real Time Reserve TMOR clearing price, divided by 12. | | | | | | | | | | | | | | | | |
| Dispatch LOC Actual Output | The greater of the Energy Quantity and NCPC DDP for generators or DNE MWs. | | | | | | | | | | | | | | | | |
| Actual Output Energy Cost | The cost of the energy up to the Dispatch LOC Actual Output. | | | | | | | | | | | | | | | | |
| Actual Output Energy Revenue | The product of Dispatch LOC Actual Output and the Real-Time LMP. | | | | | | | | | | | | | | | | |

SD_RTNCPCDLOCSUB – Real-Time Net Commitment Period Compensation Dispatch LOC Subaccount Report – Rev 0

SD_RTNCPCDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Actual Output Energy Profit | The difference between the Actual Output Energy Revenue and Actual Output Energy Cost, divided by 12. |
| Real-Time Reserve Credit | The sum of the Real-Time TMSR Reserve Credit and the Real Time TMOR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Profit plus Economic Dispatch Point Reserve Revenue, minus the Actual Output Energy Profit, plus Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The Rapid Response Pricing Opportunity Cost NCPC Credit for the interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share of Dispatch LOC | Subaccount share of the Adjusted Dispatch LOC based on the Ownership Share of the asset. |

| SD_RTNCPCDLOCSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCDRR5MIN – Real-Time NCPC Demand Response Resource Commitment and Dispatch Report – Rev 0

SD_RTNCPCDRR5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Location Type | The Settlement Location Type, as follows: <ul style="list-style-type: none"> • DRR Aggregation Zone • Network Node |
| Settlement Location ID | Numerical identifier for the settlement location. |
| Settlement Location Name | Name of the settlement location. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Commitment Source | The source of the commitment decision as follows: <ul style="list-style-type: none"> • Day-Ahead • Real-Time |
| Commitment Timestamp | The date and time of the Real-Time commitment. |
| Fast Start at Commitment | Indicates the asset was considered Fast Start Demand Response Resource at the time of the commitment. (Y/N) |
| Commitment Reason | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA |
| Commitment LSCPR Region(s) | Reliability Region identification number(s) associated with the LSCPR commitment. |
| Commitment Minimum Reduction Time | The Minimum Reduction Time hours from the Effective Offer for commitment. |
| Commitment Minimum Time Between Reductions | The Minimum Time Between Reduction hours from the Effective Offer for commitment. |
| Commitment Minimum Reduction | The Minimum Reduction from the Effective Offer for commitment. |
| Real-Time Minimum Reduction Time | Real-Time Minimum Reduction Time hours for the Trading Interval. |
| NCPC Minimum Reduction | Minimum Reduction used in the Real-Time NCPC credit calculations. |
| Real-Time Fast Start Demand Response Resource | Flag used to indicate Fast Start treatment in the NCPC credit calculation. (Y/N) |

**SD_RTNCPCDRR5MIN – Real-Time NCPC Demand Response Resource Commitment and Dispatch Report
– Rev 0**

SD_RTNCPCDRR5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| NCPC DDP | Desired Dispatch Point for the Trading Interval. |
| Energy Quantity Reduction | The portion of Metered Quantity for Settlement that is associated with demand reductions during the five-minute trading interval. |
| Energy Quantity Net Supply | The portion of Metered Quantity for Settlement that is associated with net supply during the five-minute trading interval. |
| NCPC Demand Reduction | Energy Quantity Reduction, unless Energy Quantity Reduction or Energy Quantity Net Supply is negative; then <ul style="list-style-type: none"> • If Energy Quantity Reduction is negative, equals zero • If Energy Quantity Reduction is positive, the sum of Energy Quantity Reduction and Energy Quantity Net Supply |
| NCPC Net Supply | Energy Quantity Net Supply, unless Energy Quantity Reduction or Energy Quantity Net Supply is negative; then <ul style="list-style-type: none"> • If Energy Quantity Net Supply is negative, equals zero • If Energy Quantity Net Supply is positive, the sum of Energy Quantity Reduction and Energy Quantity Net Supply |
| Economic Dispatch Point | MW output level at which the Demand Response Resource would operate under economic dispatch. |
| Eligible Quantity for Commitment Cost | The MW quantity used to calculate Energy cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Commitment Credit; includes ramp hours. |
| Eligible Quantity for Dispatch Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Dispatch Credit. |
| Real-Time Ramp Rate | Real-Time Ramp Rate for the Trading Interval. |
| Ramp Constrained Down | Flag used to indicate Demand Response Resource cannot be dispatched down to the DDP due to ramp constraints. (Y/N) |
| Ramp Constrained Up | Flag used to indicate Demand Response Resource cannot be dispatched up to the DDP due to ramp constraints. (Y/N) |
| Performance Audit | Flag used to indicate Demand Response Resource was performing an audit during the Trading Interval. (Y/N) |
| Minimum Generation Emergency | Flag used to indicate Minimum Generation Emergency for the Trading Interval. (Y/N) |
| Not Following Dispatch Deviation | Not Following Dispatch Deviation for Demand Response Resource, for Real-Time economic NCPC cost allocation. |
| Pool Distribution Loss Factor | The daily average avoided peak distribution loss factor. |

| SD_RTNCPCDRR5MIN Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 06.01.2018 |

SD_RTNCPCDRR5MINSUB – Real-Time NCPC Demand Response Resource Commitment and Dispatch Subaccount Report – Rev 0

SD_RTNCPCDRR5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Location Type | The Settlement Location Type, as follows: <ul style="list-style-type: none"> • DRR Aggregation Zone • Network Node |
| Settlement Location ID | Numerical identifier for the settlement location. |
| Settlement Location Name | Name of the settlement location. |
| Commitment Source | The source of the commitment decision as follows: <ul style="list-style-type: none"> • Day-Ahead • Real-Time |
| Commitment Timestamp | The date and time of the Real-Time commitment. |
| Fast Start at Commitment | Indicates the asset was considered Fast Start Demand Response Resource at the time of the commitment. (Y/N) |
| Commitment Reason | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA |
| Commitment LSCPR Region(s) | Reliability Region identification number(s) associated with the LSCPR commitment. |
| Commitment Minimum Reduction Time | The Minimum Reduction Time hours from the Effective Offer for commitment. |
| Commitment Minimum Time Between Reductions | The Minimum Time Between Reduction hours from the Effective Offer for commitment. |
| Commitment Minimum Reduction | The Minimum Reduction from the Effective Offer for commitment. |
| Real-Time Minimum Reduction Time | Real-Time Minimum Reduction Time hours for the Trading Interval. |

SD_RTNCPCDRR5MINSUB – Real-Time NCPC Demand Response Resource Commitment and Dispatch Subaccount Report – Rev 0

SD_RTNCPCDRR5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| NCPC Minimum Reduction | Minimum Reduction used in the Real-Time NCPC credit calculations. |
| Real-Time Fast Start Demand Response Resource | Flag used to indicate Fast Start treatment in the NCPC credit calculation. (Y/N) |
| NCPC DDP | Desired Dispatch Point for the Trading Interval. |
| Energy Quantity Reduction | The portion of Metered Quantity for Settlement that is associated with demand reductions during the five-minute trading interval. |
| Energy Quantity Net Supply | The portion of Metered Quantity for Settlement that is associated with net supply during the five-minute trading interval. |
| NCPC Demand Reduction | Energy Quantity Reduction, unless Energy Quantity Reduction or Energy Quantity Net Supply is negative; then <ul style="list-style-type: none"> • If Energy Quantity Reduction is negative, equals zero • If Energy Quantity Reduction is positive, the sum of Energy Quantity Reduction and Energy Quantity Net Supply |
| NCPC Net Supply | Energy Quantity Net Supply, unless Energy Quantity Reduction or Energy Quantity Net Supply is negative; then <ul style="list-style-type: none"> • If Energy Quantity Net Supply is negative, equals zero • If Energy Quantity Net Supply is positive, the sum of Energy Quantity Reduction and Energy Quantity Net Supply |
| Economic Dispatch Point | MW output level at which the Demand Response Resource would operate under economic dispatch. |
| Eligible Quantity for Commitment Cost | The MW quantity used to calculate Energy cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Commitment Credit; includes ramp hours. |
| Eligible Quantity for Dispatch Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Dispatch Credit. |
| Real-Time Ramp Rate | Real-Time Ramp Rate for the Trading Interval. |
| Ramp Constrained Down | Flag used to indicate Demand Response Resource cannot be dispatched down to the DDP due to ramp constraints. (Y/N) |
| Ramp Constrained Up | Flag used to indicate Demand Response Resource cannot be dispatched up to the DDP due to ramp constraints. (Y/N) |
| Performance Audit | Flag used to indicate Demand Response Resource was performing an audit during the Trading Interval. (Y/N) |
| Minimum Generation Emergency | Flag used to indicate Minimum Generation Emergency for the Trading Interval. (Y/N) |
| Not Following Dispatch Deviation | Not Following Dispatch Deviation for Demand Response Resource, for Real-Time economic NCPC cost allocation. |

**SD_RTNCPCDRR5MINSUB – Real-Time NCPC Demand Response Resource Commitment and Dispatch
Subaccount Report – Rev 0**

SD_RTNCPCDRR5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|--|
| Pool Distribution Loss Factor | The daily average avoided peak distribution loss factor. |

| SD_RTNCPCDRR5MINSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 06.01.2021 |

| SD_RTNCPCDRRCS – Real-Time NCPC Demand Response Resource Cancelled Start Credit – Rev 0 | | | | | | | |
|---|---|--------|-------------|----|---|----|---|
| SD_RTNCPCDRRCS_<customer id>_<settlement date>_<version>.CSV | | | | | | | |
| <Customer Name> | | | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | | | |
| Availability: Daily | | | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | |
| Asset Name | Name of the asset. | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | |
| Cancelled Start Order Time | The timestamp of the cancelled start order. | | | | | | |
| Scheduled Start Time | The date/time of the scheduled start. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Notification Time | The number of hours required to start reducing demand. | | | | | | |
| Start-Up Time | The number of hours required to reach Minimum Reduction Limit, after the asset started reducing demand. | | | | | | |
| Notification Start Time | The Scheduled Start Time less the Notification Time and Start-Up Time. | | | | | | |
| Cancelled Start Credit Ineligible Code | Code identifier providing the reason for Cancelled Start Credit ineligibility: <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>17</td><td>Notification Time >= 24 hours</td></tr> <tr> <td>18</td><td>Cancelled Start Order Time outside of the notification and synchronization window</td></tr> </table> | Reason | Description | 17 | Notification Time >= 24 hours | 18 | Cancelled Start Order Time outside of the notification and synchronization window |
| Reason | Description | | | | | | |
| 17 | Notification Time >= 24 hours | | | | | | |
| 18 | Cancelled Start Order Time outside of the notification and synchronization window | | | | | | |
| Commitment Interruption Cost | Interruption Cost from the Effective Offer for commitment. | | | | | | |
| Interruption Cost Adjustment Code(s) | Code identifier providing the reason for the adjustment to the Interruption Cost: <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | | |
| Reason | Description | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | |
| Adjusted Interruption Cost | Commitment Interruption Cost, less adjustments. | | | | | | |
| Completed Notification Time | Minimum of Cancelled Start Order Time minus Notification Start Time, or Notification Time. | | | | | | |
| Cancelled Start Credit | Adjusted Interruption Cost multiplied by the ratio of Completed Notification Time to Notification Time. | | | | | | |
| NCPC Cancelled Start Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA | | | | | | |

| SD_RTNCPCDRRCS Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 6.1.2018 |

| SD_RTNCPCDRRCSSUB – Real-Time NCPC Demand Response Resource Cancelled Start Credit Subaccount – Rev 0 SD_RTNCPCDRRCSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | |
|--|---|--------|-------------|----|---|----|---|
| REPORT COLUMN | DESCRIPTION | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | |
| Asset Name | Name of the asset. | | | | | | |
| Cancelled Start Order Time | The timestamp of the cancelled start order. | | | | | | |
| Scheduled Start Time | The date/time of the scheduled start. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Notification Time | The number of hours required to start reducing demand. | | | | | | |
| Start-Up Time | The number of hours required to reach Minimum Reduction Limit, after the asset started reducing demand. | | | | | | |
| Notification Start Time | The Scheduled Start Time less the Notification Time and Start-Up Time. | | | | | | |
| Cancelled Start Credit Ineligible Code | Code identifier providing the reason for Cancelled Start Credit ineligibility: <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>17</td><td>Notification Time >= 24 hours</td></tr> <tr> <td>18</td><td>Cancelled Start Order Time outside of the notification and synchronization window</td></tr> </table> | Reason | Description | 17 | Notification Time >= 24 hours | 18 | Cancelled Start Order Time outside of the notification and synchronization window |
| Reason | Description | | | | | | |
| 17 | Notification Time >= 24 hours | | | | | | |
| 18 | Cancelled Start Order Time outside of the notification and synchronization window | | | | | | |
| Commitment Interruption Cost | Interruption Cost from the Effective Offer for commitment. | | | | | | |
| Interruption Cost Adjustment Code(s) | Code identifier providing the reason for the adjustment to the Interruption Cost: <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | | |
| Reason | Description | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | |
| Adjusted Interruption Cost | Commitment Interruption Cost, less adjustments. | | | | | | |
| Completed Notification Time | Minimum of Cancelled Start Order Time minus Notification Start Time, or Notification Time. | | | | | | |
| Cancelled Start Credit | Adjusted Interruption Cost multiplied by the ratio of Completed Notification Time to Notification Time. | | | | | | |
| NCPC Cancelled Start Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA | | | | | | |

| | |
|---|-----------------------|
| SD_RTNCPCDRRCSSUB Change Summary | Effective Date |
| New. | 06.01.2021 |

SD_RTNCPCDRRDLOC – Real-Time Net Commitment Period Compensation Demand Response Resource Dispatch LOC Report – Rev 1

SD_RTNCPCDRRDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|---|--------|-------------|----|---|----|--|----|--|----|--|----|--|
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch LOC NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>28</td><td>DRR is performing a participant audit or owner testing in the Trading Interval.</td></tr> <tr> <td>34</td><td>DRR is not dispatchable in Trading Interval.</td></tr> <tr> <td>35</td><td>DRR is offline or providing negative demand reduction in Trading Interval.</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the DRR Output in Trading Interval</td></tr> </table> | Reason | Description | 28 | DRR is performing a participant audit or owner testing in the Trading Interval. | 34 | DRR is not dispatchable in Trading Interval. | 35 | DRR is offline or providing negative demand reduction in Trading Interval. | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the DRR Output in Trading Interval |
| Reason | Description | | | | | | | | | | | | |
| 28 | DRR is performing a participant audit or owner testing in the Trading Interval. | | | | | | | | | | | | |
| 34 | DRR is not dispatchable in Trading Interval. | | | | | | | | | | | | |
| 35 | DRR is offline or providing negative demand reduction in Trading Interval. | | | | | | | | | | | | |
| 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | | | | | | | | | | | | |
| 41 | Economic Dispatch Point is not greater than the DRR Output in Trading Interval | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the Demand Response Resource would operate under economic dispatch. | | | | | | | | | | | | |
| Economic Dispatch Point Demand Reduction MW | The portion of the Dispatch LOC Economic Dispatch Point associated with demand reduction. | | | | | | | | | | | | |
| Economic Dispatch Point Net Supply MW | The portion of the Dispatch LOC Economic Dispatch Point associated with net supply. | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The cost of the energy up to the Dispatch LOC Economic Dispatch Point. The cost for the portion of the Dispatch LOC Economic Dispatch Point that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | | | |
| Economic Dispatch Point Energy Revenue | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. The revenue for the portion of the Dispatch LOC Economic Dispatch Point that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor | | | | | | | | | | | | |
| Economic Dispatch Point Energy Profit | The difference between the Economic Dispatch Point Energy Revenue and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | |

SD_RTNCPCDRRDLOC – Real-Time Net Commitment Period Compensation Demand Response Resource Dispatch LOC Report – Rev 1

SD_RTNCPCDRRDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Economic Dispatch Point TMSR | The minimum value of Real-Time Maximum Reduction minus Dispatch LOC Economic Dispatch Point and the DRR's Ramp Rate multiplied by 10. |
| Economic Dispatch Point TMSR Demand Reduction MW | The portion of Economic Dispatch Point TMSR associated with demand reduction. |
| Economic Dispatch Point TMSR Net Supply MW | The portion of Economic Dispatch Point TMSR associated with net supply. |
| Economic Dispatch Point TMOR | The minimum value of Real-Time Maximum Reduction minus Dispatch LOC Economic Dispatch Point and the DRR's Ramp Rate multiplied by 30, reduced by the Economic Dispatch Point TMSR. |
| Economic Dispatch Point TMOR Demand Reduction MW | The portion of Economic Dispatch Point TMOR associated with demand reduction. |
| Economic Dispatch Point TMOR Net Supply MW | The portion of Economic Dispatch Point TMOR associated with net supply. |
| Economic Dispatch Point Reserve Revenue | The quantity Economic Dispatch Point TMSR multiplied by Real Time Reserve TMSR clearing price, plus the Economic Dispatch Point TMOR multiplied by Real Time Reserve TMOR clearing price, divided by 12. The Reserve Revenue for the portion of the Economic Dispatch Point Reserve Revenue that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. |
| Dispatch LOC Actual Output | The greater of the Energy Quantity Reduction plus Energy Quantity Net Supply and NCPC DDP. |
| Dispatch LOC Actual Output Demand Reduction MW | The portion of Dispatch LOC Actual Output associated to demand reduction. |
| Dispatch LOC Actual Output Net Supply MW | The portion of Dispatch LOC Actual Output associated to net supply. |
| Actual Output Energy Cost | The cost of the energy up to the Dispatch LOC Actual Output. . The cost for the portion of the Dispatch LOC Actual Output that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor |
| Actual Output Energy Revenue | The revenue of the energy up to the Dispatch LOC Actual Output. The revenue for the portion of the Dispatch LOC Actual Output that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor |
| Actual Output Energy Profit | The difference between the Actual Output Energy Revenue and Actual Output Energy Cost, divided by 12. |
| Real-Time Reserve Credit | The sum of the Real-Time TMSR Reserve Credit and the Real Time TMOR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Profit plus Economic Dispatch Point Reserve Revenue, minus the Actual Output Energy Profit, plus Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity | The Rapid Response Pricing Opportunity Cost NCPC Credit for the |

**SD_RTNCPCDRRDLOC – Real-Time Net Commitment Period Compensation Demand Response Resource
Dispatch LOC Report – Rev 1**

SD_RTNCPCDRRDLOC_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-----------------------|---|
| Cost NCPC Credit | interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |

| SD_RTNCPCDRRDLOC Change Summary | Effective Date |
|---|----------------|
| Modified. Updated description of “Dispatch LOC Ineligible Code” column | 05.01.2020 |
| New. | 06.01.2018 |

SD_RTNCPCDRRDLOCSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Dispatch LOC Subaccount Report – Rev 0

SD_RTNCPCDRRDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|---|--------|-------------|----|---|----|--|----|--|----|--|----|--|
| Settlement Period Summary Section | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | |
| Dispatch LOC Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch LOC NCPC Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>28</td><td>DRR is performing a participant audit or owner testing in the Trading Interval.</td></tr> <tr> <td>34</td><td>DRR is not dispatchable in Trading Interval.</td></tr> <tr> <td>35</td><td>DRR is offline or providing negative demand reduction in Trading Interval.</td></tr> <tr> <td>40</td><td>Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval</td></tr> <tr> <td>41</td><td>Economic Dispatch Point is not greater than the DRR Output in Trading Interval</td></tr> </tbody> </table> | Reason | Description | 28 | DRR is performing a participant audit or owner testing in the Trading Interval. | 34 | DRR is not dispatchable in Trading Interval. | 35 | DRR is offline or providing negative demand reduction in Trading Interval. | 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | 41 | Economic Dispatch Point is not greater than the DRR Output in Trading Interval |
| Reason | Description | | | | | | | | | | | | |
| 28 | DRR is performing a participant audit or owner testing in the Trading Interval. | | | | | | | | | | | | |
| 34 | DRR is not dispatchable in Trading Interval. | | | | | | | | | | | | |
| 35 | DRR is offline or providing negative demand reduction in Trading Interval. | | | | | | | | | | | | |
| 40 | Economic Dispatch Point is not greater than the Dispatch Instruction in Trading Interval | | | | | | | | | | | | |
| 41 | Economic Dispatch Point is not greater than the DRR Output in Trading Interval | | | | | | | | | | | | |
| Dispatch LOC Economic Dispatch Point | MW output level at which the Demand Response Resource would operate under economic dispatch. | | | | | | | | | | | | |
| Economic Dispatch Point Demand Reduction MW | The portion of the Dispatch LOC Economic Dispatch Point associated with demand reduction. | | | | | | | | | | | | |
| Economic Dispatch Point Net Supply MW | The portion of the Dispatch LOC Economic Dispatch Point associated with net supply. | | | | | | | | | | | | |
| Economic Dispatch Point Energy Cost | The cost of the energy up to the Dispatch LOC Economic Dispatch Point. The cost for the portion of the Dispatch LOC Economic Dispatch Point that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | | | |
| Economic Dispatch Point Energy Revenue | The product of the Dispatch LOC Economic Dispatch Point and the Real-Time LMP. The revenue for the portion of the Dispatch LOC Economic Dispatch Point that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor | | | | | | | | | | | | |
| Economic Dispatch Point Energy Profit | The difference between the Economic Dispatch Point Energy Revenue and Economic Dispatch Point Energy Cost, divided by 12. | | | | | | | | | | | | |

**SD_RTNCPCDRRDLOCSUB – Real-Time Net Commitment Period Compensation Demand Response
Resource Dispatch LOC Subaccount Report – Rev 0**

SD_RTNCPCDRRDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Economic Dispatch Point TMSR | The minimum value of Real-Time Maximum Reduction minus Dispatch LOC Economic Dispatch Point and the DRR's Ramp Rate multiplied by 10. |
| Economic Dispatch Point TMSR Demand Reduction MW | The portion of Economic Dispatch Point TMSR associated with demand reduction. |
| Economic Dispatch Point TMSR Net Supply MW | The portion of Economic Dispatch Point TMSR associated with net supply. |
| Economic Dispatch Point TMOR | The minimum value of Real-Time Maximum Reduction minus Dispatch LOC Economic Dispatch Point and the DRR's Ramp Rate multiplied by 30, reduced by the Economic Dispatch Point TMSR. |
| Economic Dispatch Point TMOR Demand Reduction MW | The portion of Economic Dispatch Point TMOR associated with demand reduction. |
| Economic Dispatch Point TMOR Net Supply MW | The portion of Economic Dispatch Point TMOR associated with net supply. |
| Economic Dispatch Point Reserve Revenue | The quantity Economic Dispatch Point TMSR multiplied by Real Time Reserve TMSR clearing price, plus the Economic Dispatch Point TMOR multiplied by Real Time Reserve TMOR clearing price, divided by 12. The Reserve Revenue for the portion of the Economic Dispatch Point Reserve Revenue that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. |
| Dispatch LOC Actual Output | The greater of the Energy Quantity Reduction plus Energy Quantity Net Supply and NCPC DDP. |
| Dispatch LOC Actual Output Demand Reduction MW | The portion of Dispatch LOC Actual Output associated to demand reduction. |
| Dispatch LOC Actual Output Net Supply MW | The portion of Dispatch LOC Actual Output associated to net supply. |
| Actual Output Energy Cost | The cost of the energy up to the Dispatch LOC Actual Output. . The cost for the portion of the Dispatch LOC Actual Output that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor |
| Actual Output Energy Revenue | The revenue of the energy up to the Dispatch LOC Actual Output. The revenue for the portion of the Dispatch LOC Actual Output that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor |
| Actual Output Energy Profit | The difference between the Actual Output Energy Revenue and Actual Output Energy Cost, divided by 12. |
| Real-Time Reserve Credit | The sum of the Real-Time TMSR Reserve Credit and the Real Time TMOR Reserve Credit from the Reserve Market settlement asset detail. |
| Initial Dispatch LOC | The greater of zero and the Economic Dispatch Point Energy Profit plus Economic Dispatch Point Reserve Revenue, minus the Actual Output Energy Profit, plus Real-Time Reserve Credit. |
| Rapid Response Pricing Opportunity | The Rapid Response Pricing Opportunity Cost NCPC Credit for the |

**SD_RTNCPCDRRDLOCSUB – Real-Time Net Commitment Period Compensation Demand Response
Resource Dispatch LOC Subaccount Report – Rev 0**

SD_RTNCPCDRRDLOCSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-----------------------|---|
| Cost NCPC Credit | interval. |
| Adjusted Dispatch LOC | The greater of zero and the Initial Dispatch LOC minus the Rapid Response Pricing Opportunity Cost NCPC Credit. |

| SD_RTNCPCDRRDLOCSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 06.01.2021 |

**SD_RTNCPCDRRPYMT5MIN – Real-Time Net Commitment Period Compensation Demand Response
Resource Five Minute Payment Report – Rev 0**

SD_RTNCPCDRRPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|--------|-------------|----|--|----|---|----|---|
| DRR Credits Section | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Five-Minute Interruption Cost | The calculated Interruption Cost apportioned to the five-minute interval. | | | | | | | | |
| Interruption Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Five-Minute Interruption Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW</td></tr> </table> | Reason | Description | 10 | Adjustment for existing Day-Ahead Cleared MW | | | | |
| Reason | Description | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | |
| Final Five-Minute Interruption Cost | The Five-Minute Interruption Cost less any adjustments. | | | | | | | | |
| Energy Cost for Commitment MW Ineligible Code | Code identifier providing a reason for the ineligibility to the Energy Cost for Commitment MW. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval.</td></tr> <tr> <td>49</td><td>DRR is performing a participant requested audit in the Trading Interval</td></tr> </table> | Reason | Description | 45 | DRR is ramping in Trading Interval | 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval. | 49 | DRR is performing a participant requested audit in the Trading Interval |
| Reason | Description | | | | | | | | |
| 45 | DRR is ramping in Trading Interval | | | | | | | | |
| 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval. | | | | | | | | |
| 49 | DRR is performing a participant requested audit in the Trading Interval | | | | | | | | |
| Energy Cost for Commitment MW | The cost of the Eligible Quantity for Commitment Costs MW up to NCPC Minimum Reduction, calculated using the Effective Offer for commitment. The cost for the portion of the Eligible Quantity for Commitment Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | |

**SD_RTNCPCDRRPYMT5MIN – Real-Time Net Commitment Period Compensation Demand Response
Resource Five Minute Payment Report – Rev 0**

SD_RTNCPCDRRPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|--|---|--------|-------------|----|---|----|---|----|---|----|---|
| Energy Cost for Commitment MW Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>2</td><td>Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW.</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 2 | Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment | 10 | Adjustment for existing Day-Ahead Cleared MW. | | |
| Reason | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 2 | Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | | | |
| Adjusted Energy Cost for Commitment MW | Energy Cost for Commitment MW less any adjustments. | | | | | | | | | | |
| Final Five-Minute Energy Cost for Commitment MW | The Adjusted Energy Cost for Commitment MW divided by 12. | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW Ineligible Code | <p>Code identifier providing a reason for the ineligibility to the Energy Cost for Economic Dispatch MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval</td></tr> <tr> <td>47</td><td>DRR was not dispatched above commitment MWs</td></tr> <tr> <td>49</td><td>DRR is performing a participant requested audit in the Trading Interval</td></tr> </table> | Reason | Description | 45 | DRR is ramping in Trading Interval | 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval | 47 | DRR was not dispatched above commitment MWs | 49 | DRR is performing a participant requested audit in the Trading Interval |
| Reason | Description | | | | | | | | | | |
| 45 | DRR is ramping in Trading Interval | | | | | | | | | | |
| 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval | | | | | | | | | | |
| 47 | DRR was not dispatched above commitment MWs | | | | | | | | | | |
| 49 | DRR is performing a participant requested audit in the Trading Interval | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW | The energy cost of the Eligible Quantity for Commitment Costs MW, dispatched between the NCPC Minimum Reduction and the Economic Dispatch Point, calculated using the Effective Offer for dispatch. The cost for the portion of the Eligible Quantity for Commitment Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | |
| Final Five-Minute Energy Cost for Economic Dispatch MW | The Energy Cost for Economic Dispatch MW divided by 12. | | | | | | | | | | |
| Commitment Cost | The sum of Final Five-Minute Interruption Cost, Final Five-Minute Energy Cost for Commitment MW, and Final Five-Minute Energy Cost for Economic Dispatch MW. | | | | | | | | | | |
| Commitment Revenue | The product of the Eligible Quantity for Commitment Revenue and the Real-Time LMP, divided by 12. The revenue for the portion of the Eligible Quantity for Commitment Revenue MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | |
| Real-Time NCPC Dispatch Excess Revenue | Maximum of Dispatch Revenue less Final Dispatch Energy Cost, or zero. | | | | | | | | | | |
| Apportioned Ramp Revenue | Commitment Revenue for Trading Intervals while ramping from an offline state that is apportioned to the Minimum Reduction Time hours. | | | | | | | | | | |
| Final Commitment Revenue | The sum of the Commitment Revenue, Real-Time NCPC Dispatch | | | | | | | | | | |

SD_RTNCPCDRRPYMT5MIN – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Report – Rev 0

SD_RTNCPCDRRPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| | Excess Revenue, and Apportioned Ramp Revenue. | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | |
| Commitment Period ID | Identifies the Commitment Period in which the Trading Interval is included, for the purposes of calculating Commitment Period costs, revenue, and credits. | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum reduction time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | |
| Post MRT Trading Interval | Indicates if the Trading Interval was part of the Post Minimum Reduction Time. (Y/N). Subsequent columns labeled Post MRT will be populated based on this indicator. | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Revenue for Period | The sum of the Final Commitment Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the MRT Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit for Period | MRT Cost for Period less MRT Revenue for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Period less any adjustments. | | | | |
| Net Revenue for MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Revenue for MRT Trading Intervals | The Net Revenue for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Period | The sum of the Negative Net Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Revenue for the Period. | | | | |
| Net Revenue for Post MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Post MRT Credit Accumulated Net Revenue | The accumulating Net Revenue for Post MRT Trading Intervals. | | | | |
| Post MRT Credit Maximum Accumulated Net Revenue | The maximum Post MRT Credit Accumulated Net Revenue. If value is negative, it is set to zero. | | | | |

| SD_RTNCPCDRRPYMT5MIN – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Report – Rev 0 SD_RTNCPCDRRPYMT5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | | | | | | | |
|---|--|--------|-------------|----|--|----|------------------------------------|----|---|----|--|----|---|
| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Revenue less the Post MRT Credit Accumulated Net Revenue for the last Trading Interval in the post MRT period. | | | | | | | | | | | | |
| Negative Net Revenue for Post MRT Trading Intervals | The Net Revenue for Post MRT Trading Intervals that is negative. | | | | | | | | | | | | |
| Total Negative Net Revenue for Post MRT | The sum of the Negative Net Revenue for Post MRT Trading Intervals. | | | | | | | | | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Revenue for Post MRT. | | | | | | | | | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | | | | | | | | | |
| Dispatch Energy Cost Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>44</td><td>DRR is ramp constrained down in the Trading Interval</td></tr> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has meter value of zero or less in the Trading Interval</td></tr> <tr> <td>48</td><td>DRR was not dispatched above Economic Dispatch Point in Trading Interval</td></tr> <tr> <td>49</td><td>DRR is performing a participant audit in the Trading Interval</td></tr> </tbody> </table> | Reason | Description | 44 | DRR is ramp constrained down in the Trading Interval | 45 | DRR is ramping in Trading Interval | 46 | DRR has meter value of zero or less in the Trading Interval | 48 | DRR was not dispatched above Economic Dispatch Point in Trading Interval | 49 | DRR is performing a participant audit in the Trading Interval |
| Reason | Description | | | | | | | | | | | | |
| 44 | DRR is ramp constrained down in the Trading Interval | | | | | | | | | | | | |
| 45 | DRR is ramping in Trading Interval | | | | | | | | | | | | |
| 46 | DRR has meter value of zero or less in the Trading Interval | | | | | | | | | | | | |
| 48 | DRR was not dispatched above Economic Dispatch Point in Trading Interval | | | | | | | | | | | | |
| 49 | DRR is performing a participant audit in the Trading Interval | | | | | | | | | | | | |
| Dispatch Energy Cost | The cost of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. The cost for the portion of the Eligible Quantity for Dispatch Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | | | |
| Final Dispatch Energy Cost | The Dispatch Energy Cost divided by 12. | | | | | | | | | | | | |
| Dispatch Revenue | The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP divided by 12. The revenue for the portion of the Eligible Quantity for Commitment Revenue MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit | Final Dispatch Energy Cost less Dispatch Revenue. | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> | Reason | Description | 9 | Negative credit set to zero | | | | | | | | |
| Reason | Description | | | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | | | | | | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | | | | | | | | | |
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA | | | | | | | | | | | | |

**SD_RTNCPCDRRPYMT5MIN – Real-Time Net Commitment Period Compensation Demand Response
Resource Five Minute Payment Report – Rev 0**

SD_RTNCPCDRRPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| NCPC Dispatch Credit Type | <p>The reason the asset was dispatched, as follows:</p> <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA • MGE |

| SD_RTNCPCDRRPYMT5MIN Change Summary | Effective Date |
|-------------------------------------|----------------|
| New. | 06.01.2018 |

SD_RTNCPCDRRPYMT5MINSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|---|--------|-------------|----|--|----|---|----|---|
| DRR Credits Section | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | |
| Five-Minute Interruption Cost | The calculated Interruption Cost apportioned to the five-minute interval. | | | | | | | | |
| Interruption Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Five-Minute Interruption Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW</td></tr> </table> | Reason | Description | 10 | Adjustment for existing Day-Ahead Cleared MW | | | | |
| Reason | Description | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | |
| Final Five-Minute Interruption Cost | The Five-Minute Interruption Cost less any adjustments. | | | | | | | | |
| Energy Cost for Commitment MW Ineligible Code | Code identifier providing a reason for the ineligibility to the Energy Cost for Commitment MW. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval.</td></tr> <tr> <td>49</td><td>DRR is performing a participant requested audit in the Trading Interval</td></tr> </table> | Reason | Description | 45 | DRR is ramping in Trading Interval | 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval. | 49 | DRR is performing a participant requested audit in the Trading Interval |
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| 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval. | | | | | | | | |
| 49 | DRR is performing a participant requested audit in the Trading Interval | | | | | | | | |
| Energy Cost for Commitment MW | The cost of the Eligible Quantity for Commitment Costs MW up to NCPC Minimum Reduction, calculated using the Effective Offer for commitment. The cost for the portion of the Eligible Quantity for Commitment Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | |

SD_RTNCPCDRRPYMT5MINSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|--|---|--------|-------------|----|---|----|---|----|---|----|---|
| Energy Cost for Commitment MW Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>2</td><td>Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW.</td></tr> </tbody> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 2 | Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment | 10 | Adjustment for existing Day-Ahead Cleared MW. | | |
| Reason | Description | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | |
| 2 | Commitment cost calculated using price for Minimum Reduction MW from Effective Offer for commitment | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | | | |
| Adjusted Energy Cost for Commitment MW | Energy Cost for Commitment MW less any adjustments. | | | | | | | | | | |
| Final Five-Minute Energy Cost for Commitment MW | The Adjusted Energy Cost for Commitment MW divided by 12. | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW Ineligible Code | Code identifier providing a reason for the ineligibility to the Energy Cost for Economic Dispatch MW. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval</td></tr> <tr> <td>47</td><td>DRR was not dispatched above commitment MWs</td></tr> <tr> <td>49</td><td>DRR is performing a participant requested audit in the Trading Interval</td></tr> </tbody> </table> | Reason | Description | 45 | DRR is ramping in Trading Interval | 46 | DRR has NCPC Metered MWs that are less than or equal to zero in the Trading Interval | 47 | DRR was not dispatched above commitment MWs | 49 | DRR is performing a participant requested audit in the Trading Interval |
| Reason | Description | | | | | | | | | | |
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| 47 | DRR was not dispatched above commitment MWs | | | | | | | | | | |
| 49 | DRR is performing a participant requested audit in the Trading Interval | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW | The energy cost of the Eligible Quantity for Commitment Costs MW, dispatched between the NCPC Minimum Reduction and the Economic Dispatch Point, calculated using the Effective Offer for dispatch. The cost for the portion of the Eligible Quantity for Commitment Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | |
| Final Five-Minute Energy Cost for Economic Dispatch MW | The Energy Cost for Economic Dispatch MW divided by 12. | | | | | | | | | | |
| Commitment Cost | The sum of Final Five-Minute Interruption Cost, Final Five-Minute Energy Cost for Commitment MW, and Final Five-Minute Energy Cost for Economic Dispatch MW. | | | | | | | | | | |
| Commitment Revenue | The product of the Eligible Quantity for Commitment Revenue and the Real-Time LMP, divided by 12. The revenue for the portion of the Eligible Quantity for Commitment Revenue MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | |
| Real-Time NCPC Dispatch Excess Revenue | Maximum of Dispatch Revenue less Final Dispatch Energy Cost, or zero. | | | | | | | | | | |

SD_RTNCPCDRRPYMT5MINSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| Apportioned Ramp Revenue | Commitment Revenue for Trading Intervals while ramping from an offline state that is apportioned to the Minimum Reduction Time hours. | | | | |
| Final Commitment Revenue | The sum of the Commitment Revenue, Real-Time NCPC Dispatch Excess Revenue, and Apportioned Ramp Revenue. | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | |
| Commitment Period ID | Identifies the Commitment Period in which the Trading Interval is included, for the purposes of calculating Commitment Period costs, revenue, and credits. | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum reduction time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | |
| Post MRT Trading Interval | Indicates if the Trading Interval was part of the Post Minimum Reduction Time. (Y/N). Subsequent columns labeled Post MRT will be populated based on this indicator. | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Revenue for Period | The sum of the Final Commitment Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the MRT Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit for Period | MRT Cost for Period less MRT Revenue for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Period less any adjustments. | | | | |
| Net Revenue for MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Revenue for MRT Trading Intervals | The Net Revenue for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Period | The sum of the Negative Net Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Revenue for the Period. | | | | |

SD_RTNCPCDRRPYMT5MINSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|--|--------|-------------|----|--|----|------------------------------------|----|---|----|--|----|---|
| Net Revenue for Post MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | | | | | | | | | |
| Post MRT Credit Accumulated Net Revenue | The accumulating Net Revenue for Post MRT Trading Intervals. | | | | | | | | | | | | |
| Post MRT Credit Maximum Accumulated Net Revenue | The maximum Post MRT Credit Accumulated Net Revenue. If value is negative, it is set to zero. | | | | | | | | | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Revenue less the Post MRT Credit Accumulated Net Revenue for the last Trading Interval in the post MRT period. | | | | | | | | | | | | |
| Negative Net Revenue for Post MRT Trading Intervals | The Net Revenue for Post MRT Trading Intervals that is negative. | | | | | | | | | | | | |
| Total Negative Net Revenue for Post MRT | The sum of the Negative Net Revenue for Post MRT Trading Intervals. | | | | | | | | | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Revenue for Post MRT. | | | | | | | | | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | | | | | | | | | |
| Dispatch Energy Cost Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>44</td><td>DRR is ramp constrained down in the Trading Interval</td></tr> <tr> <td>45</td><td>DRR is ramping in Trading Interval</td></tr> <tr> <td>46</td><td>DRR has meter value of zero or less in the Trading Interval</td></tr> <tr> <td>48</td><td>DRR was not dispatched above Economic Dispatch Point in Trading Interval</td></tr> <tr> <td>49</td><td>DRR is performing a participant audit in the Trading Interval</td></tr> </tbody> </table> | Reason | Description | 44 | DRR is ramp constrained down in the Trading Interval | 45 | DRR is ramping in Trading Interval | 46 | DRR has meter value of zero or less in the Trading Interval | 48 | DRR was not dispatched above Economic Dispatch Point in Trading Interval | 49 | DRR is performing a participant audit in the Trading Interval |
| Reason | Description | | | | | | | | | | | | |
| 44 | DRR is ramp constrained down in the Trading Interval | | | | | | | | | | | | |
| 45 | DRR is ramping in Trading Interval | | | | | | | | | | | | |
| 46 | DRR has meter value of zero or less in the Trading Interval | | | | | | | | | | | | |
| 48 | DRR was not dispatched above Economic Dispatch Point in Trading Interval | | | | | | | | | | | | |
| 49 | DRR is performing a participant audit in the Trading Interval | | | | | | | | | | | | |
| Dispatch Energy Cost | The cost of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. The cost for the portion of the Eligible Quantity for Dispatch Cost MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor. | | | | | | | | | | | | |
| Final Dispatch Energy Cost | The Dispatch Energy Cost divided by 12. | | | | | | | | | | | | |
| Dispatch Revenue | The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP divided by 12. The revenue for the portion of the Eligible Quantity for Commitment Revenue MW that is associated with Demand Reductions will be increased by the Pool Distribution Loss Factor | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit | Final Dispatch Energy Cost less Dispatch Revenue. | | | | | | | | | | | | |

SD_RTNCPCDRRPYMT5MINSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|---|--------|-------------|---|-----------------------------|
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | |
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA | | | | |
| NCPC Dispatch Credit Type | The reason the asset was dispatched, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • SCR • DRPA • MGE | | | | |

| SD_RTNCPCDRRPYMT5MINSUB Change Summary | Effective Date |
|--|----------------|
| New. | 06.01.2021 |

| SD_RTNCPCDRRPYMTHR – Real-Time Net Commitment Period Compensation Demand Response Resource Payment Report – Rev 0 SD_RTNCPCDRRPYMTHR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | |
|---|---|--|
| REPORT COLUMN | | DESCRIPTION |
| Settlement Period Summary Section | | |
| Asset ID | Numerical identifier for the asset. | |
| Asset Name | Name of the asset. | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. | |
| Post MRT Credit | The sum of the Post MRT Credits for the Settlement Period. | |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. | |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. | |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. | |
| Start-Up Amortization Summary Section | | |
| Asset ID | Numerical identifier for the asset. | |
| Asset Name | Name of the asset. | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | |
| Start-Up Amortization Begin Date | The date/time of the beginning of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) | |
| Start-Up Amortization End Date | The date/time of the end of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) | |
| Interruption Cost Ineligible Code | Code identifier providing a reason for the ineligibility of the Start-Up Cost. | |
| | Reason | Description |
| | 49 | Asset/Resource is performing a participant audit or owner testing. |

SD_RTNCPCDRRPMTHR – Real-Time Net Commitment Period Compensation Demand Response Resource Payment Report – Rev 0

SD_RTNCPCDRRPMTHR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|--|---|--------|-------------|---|---|---|---|
| Commitment Interruption Cost | The Interruption cost from the Effective Offer for commitment. | | | | | | |
| Interruption Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Interruption Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>3</td><td>Interruption cost adjustment for late start</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 3 | Interruption cost adjustment for late start |
| Reason | Description | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | |
| 3 | Interruption cost adjustment for late start | | | | | | |
| Adjusted Interruption Cost | Commitment Interruption Cost less any adjustments. | | | | | | |
| Total Start-Up Amortization Period Intervals | Total five-minute intervals in the Start-Up amortization period used to calculate the Five-Minute Interruption Cost. | | | | | | |
| Five-Minute Interruption Cost | Adjusted Interruption Cost divided by Total Start-Up Amortization Period Intervals. | | | | | | |
| Demand Response Resource Credits Section | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | |
| Asset Name | Name of the asset. | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | |
| Commitment Real-Time Economic NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = Economic. | | | | | | |
| Commitment Real-Time LSCPR NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = LSCPR. | | | | | | |
| Commitment Real-Time SCR NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = SCR. | | | | | | |
| Commitment Real-Time Demand Response Performance Audit NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = DRPA. | | | | | | |
| Dispatch Real-Time Minimum Generation Emergency NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = MGE. | | | | | | |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = Economic. | | | | | | |
| Dispatch Real-Time LSCPR NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = LSCPR. | | | | | | |
| Dispatch Real-Time SCR NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = SCR. | | | | | | |
| Dispatch Real-Time Demand Response Performance Audit NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = DRPA. | | | | | | |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the Participant Share of Rapid Response Pricing Opportunity Cost NCPC Credits. | | | | | | |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of Dispatch LOC credits. | | | | | | |

| SD_RTNCPCDRRPYMTHR Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 06.01.2018 |

SD_RTNCPCDRRPMTHRSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|---|--------|-------------|----|--|
| Settlement Period Summary Section | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | |
| Subaccount Name | The name of the subaccount. | | | | |
| Asset ID | Numerical identifier for the asset. | | | | |
| Asset Name | Name of the asset. | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. | | | | |
| Post MRT Credit | The sum of the Post MRT Credits for the Settlement Period. | | | | |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. | | | | |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. | | | | |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. | | | | |
| Start-Up Amortization Summary Section | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | |
| Subaccount Name | The name of the subaccount. | | | | |
| Asset ID | Numerical identifier for the asset. | | | | |
| Asset Name | Name of the asset. | | | | |
| Start-Up Amortization Begin Date | The date/time of the beginning of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) | | | | |
| Start-Up Amortization End Date | The date/time of the end of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) | | | | |
| Interruption Cost Ineligible Code | Code identifier providing a reason for the ineligibility of the Start-Up Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>49</td><td>Asset/Resource is performing a participant audit or owner testing.</td></tr> </table> | Reason | Description | 49 | Asset/Resource is performing a participant audit or owner testing. |
| Reason | Description | | | | |
| 49 | Asset/Resource is performing a participant audit or owner testing. | | | | |
| Commitment Interruption Cost | The Interruption cost from the Effective Offer for commitment. | | | | |

SD_RTNCPCDRRPMTHRSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Payment Subaccount Report – Rev 0

SD_RTNCPCDRRPMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | |
|--|--|--------|-------------|---|---|----|---|
| Interruption Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Interruption Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>11</td><td>Interruption cost adjustment for late start</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 11 | Interruption cost adjustment for late start |
| Reason | Description | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | |
| 11 | Interruption cost adjustment for late start | | | | | | |
| Adjusted Interruption Cost | Commitment Interruption Cost less any adjustments. | | | | | | |
| Total Start-Up Amortization Period Intervals | Total five-minute intervals in the Start-Up amortization period used to calculate the Five-Minute Interruption Cost. | | | | | | |
| Five-Minute Interruption Cost | Adjusted Interruption Cost divided by Total Start-Up Amortization Period Intervals. | | | | | | |
| Demand Response Resource Credits Section | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount. | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | |
| Asset Name | Name of the asset. | | | | | | |
| Commitment Real-Time Economic NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = Economic. | | | | | | |
| Commitment Real-Time LSCPR NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = LSCPR. | | | | | | |
| Commitment Real-Time SCR NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = SCR. | | | | | | |
| Commitment Real-Time Demand Response Performance Audit NCPC Credit | The hourly total of Real-Time NCPC Commitment Credits, type = DRPA. | | | | | | |
| Dispatch Real-Time Minimum Generation Emergency NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = MGE. | | | | | | |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = Economic. | | | | | | |
| Dispatch Real-Time LSCPR NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = LSCPR. | | | | | | |
| Dispatch Real-Time SCR NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = SCR. | | | | | | |
| Dispatch Real-Time Demand Response Performance Audit NCPC Credit | The hourly total of Final Real-Time NCPC Dispatch Credits, type = DRPA. | | | | | | |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the Participant Share of Rapid Response Pricing Opportunity Cost NCPC Credits. | | | | | | |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of Dispatch LOC credits. | | | | | | |

| SD_RTNCPCDRRPYMTHRSUB Change Summary | Effective Date |
|--------------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCGEN – Real-Time Generator Commitment and Dispatch Report – *RETIRED*

SD_RTNCPCGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Node ID | Numerical identifier for the node. |
| Node Name | Name of the node. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Commitment Source | The source of the commitment decision as follows: <ul style="list-style-type: none">• Day-Ahead• Real-Time |
| Commitment Timestamp | The date and time of the Real-Time commitment. |
| Commitment Type | The Commitment Type, as follows: <ul style="list-style-type: none">• ISO Initiated• Self Scheduled |
| Fast Start at Commitment | Indicates the asset was considered Fast Start Generator at the time of the commitment. (Y/N) |
| Commitment Reason | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• Self Scheduled• GPA |
| Commitment LSCPR/VAR Region(s) | Reliability Region identification number(s) associated with the LSCPR and/or VAR commitment. |
| Commitment Unit Status | The unit status from the Effective Offer for commitment, as follows: <ul style="list-style-type: none">• ECONOMIC• MUST_RUN• UNAVAILABLE |
| Commitment Economic Min | The Economic Minimum Limit from the Effective Offer for commitment. |
| Commitment Minimum Run Time | The minimum run time hours from the Effective Offer for commitment. |
| Commitment Minimum Down Time | The minimum down time hours from the Effective Offer for commitment. |
| Self Schedule Treatment for Inter-temporal Violation | Flag used to indicate self scheduled treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated |

| SD_RTNCPCGEN – Real-Time Generator Commitment and Dispatch Report – <i>RETIRED</i> SD_RTNCPCGEN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | in the Day-Ahead. (Y/N) |
| Real-Time Minimum Run Time | Real-Time minimum run time hours for the Trading Interval. |
| Real-Time Fast Start Generator | Flag used to indicate Fast Start treatment for the generator in the NCPC credit calculation. (Y/N) |
| Real-Time Emergency Min | Real-Time Emergency Economic Minimum for the Trading Interval. |
| NCPC Economic Min | Economic minimum for the hour used in the Real-Time NCPC credit calculations. |
| NCPC DDP | Desired Dispatch Point for the Trading Interval |
| Revenue Quality Metering | The generator's actual metered output. |
| Economic Dispatch Point | MW output level at which the generator would operate under economic dispatch. |
| Eligible Quantity for Commitment Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Commitment Credit; includes ramp hours. |
| Eligible Quantity for Dispatch Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Dispatch Credit. |
| NCPC Self Schedule | Flag used to indicate the generator was Self Scheduled for the Trading Interval. (Y/N) |
| Self Dispatch MWh | Participant request for specific output level. |
| Ramp Constrained Down | Flag used to indicate generator cannot be dispatched down to the DDP due to ramp constraints. (Y/N) |
| Performance Audit | Flag used to indicate generator was performing an audit during the Trading Interval. (Y/N) |
| Generator Trip | Flag used to indicate generator tripped offline during the hour. (Y/N) |
| Early Start Trading Interval | Flag used to indicate generator started prior to the scheduled commitment time. (Y/N) |
| Minimum Generation Emergency | Flag used to indicate Minimum Generation Emergency for the Trading Interval. (Y/N) |
| Self Schedule Deviation | Self Scheduled Deviation for generator, for Real-Time economic NCPC cost allocation. |
| Not Following Dispatch Deviation | Not Following Dispatch Deviation for generator, for Real-Time economic NCPC cost allocation. |
| DNE Capable | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment. (Y/N) This column will contain a NULL value for settlements prior to May 25, 2016 and will be populated for all settlements and resettlements starting with May 25, 2016. |

| SD_RTNCPCGEN – Real-Time Generator Commitment and Dispatch Report – <i>RETIRED</i> SD_RTNCPCGEN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Flexible DDG at Commitment | <p>Indicates if the asset was considered a Flexible Do No Exceed Dispatchable Generator (DDG) at the time of the commitment. (Y/N)</p> <p>This column will contain a NULL value for settlements prior to May 25, 2016 and will be populated for all settlements and resettlements starting with May 25, 2016.</p> |
| Real-Time Flexible DDG | <p>Indicates if the asset was considered a Flexible DDG at the time of dispatch. (Y/N)</p> <p>This column will contain a NULL value for settlements prior to May 25, 2016 and will be populated for all settlements and resettlements starting with May 25, 2016.</p> |
| DNE MWs | <p>Do Not Exceed Dispatch Point for DNE generators.</p> <p>This column will contain a NULL value for settlements prior to May 25, 2016 and will be populated for all settlements and resettlements starting with May 25, 2016.</p> |

| SD_RTNCPCGEN Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlement of days through and including operating day 02.28.2017, after which it will be replaced by the SD_RTNCPCGEN5MIN report. | 03.01.2017 |
| Modified. Added new columns: “DNE Capable”, “Flexible DDG at Commitment”, “Real-Time Flexible DDG”, and “DNE MWs”. | 05.25.2016 |
| New | 12.03.2014 |

| SD_RTNCPCGEN5MIN – Real-Time Generator Commitment and Dispatch Report – Rev 2 SD_RTNCPCGEN5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Node ID | Numerical identifier for the node. |
| Node Name | Name of the node. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Commitment Source | The source of the commitment decision as follows: <ul style="list-style-type: none"> • Day-Ahead • Real-Time |
| Commitment Timestamp | The date and time of the Real-Time commitment. |
| Commitment Type | The Commitment Type, as follows: <ul style="list-style-type: none"> • ISO Initiated • Self Scheduled |
| Fast Start at Commitment | Indicates the asset was considered Fast Start Generator at the time of the commitment. (Y/N) |
| Commitment Reason | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR • Self Scheduled • GPA |
| Commitment LSCPR/VAR Region(s) | Reliability Region identification number(s) associated with the LSCPR and/or VAR commitment. |
| Commitment Unit Status | The unit status from the Effective Offer for commitment, as follows: <ul style="list-style-type: none"> • ECONOMIC • MUST_RUN |

SD_RTNCPCGEN5MIN – Real-Time Generator Commitment and Dispatch Report – Rev 2

SD_RTNCPCGEN5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | <ul style="list-style-type: none">UNAVAILABLE |
| Commitment Economic Min | The Economic Minimum Limit from the Effective Offer for commitment. |
| Commitment Minimum Run Time | The minimum run time hours from the Effective Offer for commitment. |
| Commitment Minimum Down Time | The minimum down time hours from the Effective Offer for commitment. |
| Self Schedule Treatment for Inter-temporal Violation | Flag used to indicate self scheduled treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated in the Day-Ahead. (Y/N) |
| Real-Time Minimum Run Time | Real-Time minimum run time hours for the Trading Interval. |
| Real-Time Fast Start Generator | Flag used to indicate Fast Start treatment for the generator in the NCPC credit calculation. (Y/N) |
| Real-Time Emergency Min | Real-Time Emergency Economic Minimum for the Trading Interval. |
| NCPC Economic Min | Economic minimum for the Trading Interval used in the Real-Time NCPC credit calculations. |
| NCPC DDP | Desired Dispatch Point for the Trading Interval. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Economic Dispatch Point | MW output level at which the generator would operate under economic dispatch. |
| Eligible Quantity for Commitment Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Commitment Credit; includes ramp hours. |
| Eligible Quantity for Dispatch Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Dispatch Credit. |
| NCPC Self Schedule | Flag used to indicate the generator was Self Scheduled for the Trading Interval. (Y/N) |
| Self Dispatch MW | Participant request for specific output level. |
| Ramp Constrained Down | Flag used to indicate generator cannot be dispatched down to the DDP due to ramp constraints. (Y/N) |
| Performance Audit | Flag used to indicate generator was performing an audit during the Trading Interval. (Y/N) |
| Generator Trip | Flag used to indicate generator tripped offline during the hour. (Y/N) |

SD_RTNCPCGEN5MIN – Real-Time Generator Commitment and Dispatch Report – Rev 2

SD_RTNCPCGEN5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Early Start Trading Interval | Flag used to indicate generator started prior to the scheduled commitment time. (Y/N) |
| Minimum Generation Emergency | Flag used to indicate Minimum Generation Emergency for the Trading Interval. (Y/N) |
| Self Schedule Deviation | Self Scheduled Deviation for generator, for Real-Time economic NCPC cost allocation. |
| Not Following Dispatch Deviation | Not Following Dispatch Deviation for generator, for Real-Time economic NCPC cost allocation. |
| DNE Capable | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment. (Y/N) |
| Flexible DDG at Commitment | Indicates if the asset was considered a Flexible Do No Exceed Dispatchable Generator (DDG) at the time of the commitment. (Y/N) |
| Real-Time Flexible DDG | Indicates if the asset was considered a Flexible DDG at the time of dispatch. (Y/N) |
| DNE MWs | Do Not Exceed Dispatch Point for DNE generators. |
| Target Output | The MW quantity used to calculate Economic Dispatch Point during intervals when the generator is Ramp Constrained Down. |
| Continuous Storage Regulating Flag | Indicates if the ATRR related to the Continuous Storage Facility is regulating. |

| SD_RTNCPCGEN5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. Added column: “Continuous Storage Regulating Flag” | 03.31.2019 |
| Modified. Added new ‘Target Output’ column. | 12.01.2017 |
| New | 03.01.2017 |

| SD_RTNCPCGEN5MINSUB – Real-Time Generator Commitment and Dispatch Subaccount Report – Rev 0 SD_RTNCPCGEN5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Node ID | Numerical identifier for the node. |
| Node Name | Name of the node. |
| Commitment Source | The source of the commitment decision as follows: <ul style="list-style-type: none"> • Day-Ahead • Real-Time |
| Commitment Timestamp | The date and time of the Real-Time commitment. |
| Commitment Type | The Commitment Type, as follows: <ul style="list-style-type: none"> • ISO Initiated • Self Scheduled |
| Fast Start at Commitment | Indicates the asset was considered Fast Start Generator at the time of the commitment. (Y/N) |
| Commitment Reason | The reason the asset was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR • Self Scheduled • GPA |
| Commitment LSCPR/VAR Region(s) | Reliability Region identification number(s) associated with the LSCPR and/or VAR commitment. |
| Commitment Unit Status | The unit status from the Effective Offer for commitment, as follows: <ul style="list-style-type: none"> • ECONOMIC • MUST_RUN • UNAVAILABLE |

SD_RTNCPCGEN5MINSUB – Real-Time Generator Commitment and Dispatch Subaccount Report – Rev 0
SD_RTNCPCGEN5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Commitment Economic Min | The Economic Minimum Limit from the Effective Offer for commitment. |
| Commitment Minimum Run Time | The minimum run time hours from the Effective Offer for commitment. |
| Commitment Minimum Down Time | The minimum down time hours from the Effective Offer for commitment. |
| Self Schedule Treatment for Inter-temporal Violation | Flag used to indicate self scheduled treatment if the inter-temporal offer parameters for minimum run time or minimum down time were violated in the Day-Ahead. (Y/N) |
| Real-Time Minimum Run Time | Real-Time minimum run time hours for the Trading Interval. |
| Real-Time Fast Start Generator | Flag used to indicate Fast Start treatment for the generator in the NCPC credit calculation. (Y/N) |
| Real-Time Emergency Min | Real-Time Emergency Economic Minimum for the Trading Interval. |
| NCPC Economic Min | Economic minimum for the Trading Interval used in the Real-Time NCPC credit calculations. |
| NCPC DDP | Desired Dispatch Point for the Trading Interval. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Economic Dispatch Point | MW output level at which the generator would operate under economic dispatch. |
| Eligible Quantity for Commitment Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Commitment Credit. |
| Eligible Quantity for Commitment Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Commitment Credit; includes ramp hours. |
| Eligible Quantity for Dispatch Costs | The MW quantity used to calculate Energy cost for the Real-Time NCPC Dispatch Credit. |
| Eligible Quantity for Dispatch Revenue | The MW quantity used to calculate revenue for the Real-Time NCPC Dispatch Credit. |
| NCPC Self Schedule | Flag used to indicate the generator was Self Scheduled for the Trading Interval. (Y/N) |
| Self Dispatch MW | Participant request for specific output level. |
| Ramp Constrained Down | Flag used to indicate generator cannot be dispatched down to the DDP due to ramp constraints. (Y/N) |
| Performance Audit | Flag used to indicate generator was performing an audit during the Trading Interval. (Y/N) |
| Generator Trip | Flag used to indicate generator tripped offline during the hour. (Y/N) |
| Early Start Trading Interval | Flag used to indicate generator started prior to the scheduled commitment time. (Y/N) |

| SD_RTNCPCGEN5MINSUB – Real-Time Generator Commitment and Dispatch Subaccount Report – Rev 0 SD_RTNCPCGEN5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Minimum Generation Emergency | Flag used to indicate Minimum Generation Emergency for the Trading Interval. (Y/N) |
| Self Schedule Deviation | Self Scheduled Deviation for generator, for Real-Time economic NCPC cost allocation. |
| Not Following Dispatch Deviation | Not Following Dispatch Deviation for generator, for Real-Time economic NCPC cost allocation. |
| DNE Capable | Indicates if the asset was considered a Do Not Exceed (DNE) Generator at the time of the commitment. (Y/N) |
| Flexible DDG at Commitment | Indicates if the asset was considered a Flexible Do No Exceed Dispatchable Generator (DDG) at the time of the commitment. (Y/N) |
| Real-Time Flexible DDG | Indicates if the asset was considered a Flexible DDG at the time of dispatch. (Y/N) |
| DNE MWs | Do Not Exceed Dispatch Point for DNE generators. |
| Target Output | The MW quantity used to calculate Economic Dispatch Point during intervals when the generator is Ramp Constrained Down. |
| Continuous Storage Regulating Flag | Indicates if the ATRR related to the Continuous Storage Facility is regulating. |

| SD_RTNCPCGEN5MINSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCHS – RT NCPC Hourly Shortfall Payment Report – Rev 4

SD_RTNCPCHS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Period Summary Section | |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Shortfall NCPC Asset Credit | Hourly Shortfall NCPC Credit |
| Ownership Share | Ownership Share |
| Participant Share Hourly Shortfall NCPC Credit | Hourly Shortfall NCPC Asset Credit x Ownership Share |
| Generator Credits Section | |
| Trading Interval | Specific hour for which the information is reported in the Settlement Period. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Fast Start Generator | No value is reported in the column |
| Day-Ahead Economic Minimum | Economic Minimum Limit from the offer used in the Day-Ahead Energy market clearing process |
| Day-Ahead Cleared | Energy cleared in the Day-Ahead Market |
| Real-Time Economic Maximum | Economic Maximum Limit as declared by the Participant |
| Real-Time Hourly LEG Limit | Maximum output level requested by the Participant for a Limited Energy Resource |
| Day-Ahead Hourly Shortfall NCPC Cost | Sum of Day-Ahead energy cost, No Load cost, and Start-Up cost |
| Real-Time Hourly Shortfall NCPC Cost | Sum of Real-Time energy cost, No Load cost, and Start-Up cost |
| Hourly Shortfall Eligible Quantity | Energy eligible for RT NCPC Hourly Shortfall Payment |

SD_RTNCPCHS – RT NCPC Hourly Shortfall Payment Report – Rev 4

SD_RTNCPCHS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|---|--------|-------------|---|-----------------------------|
| Day-Ahead LMP | Day-Ahead Locational Marginal Price at the asset's node | | | | |
| Real-Time LMP | Real-Time Locational Marginal Price at the asset's node | | | | |
| Fast Start Credit | If asset is a Fast Start Generator or Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Hourly Shortfall Eligible Quantity Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit Adjustment Code(s) | If asset is a Fast Start Generator or Flexible DDG Generator, code identifier providing a reason for adjustment to the Fast Start Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Fast Start Credit | If asset is a Fast Start Generator or Flexible DDG Generator, Fast Start Credit less any adjustments. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Day-Ahead Economic Minimum Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Economic Minimum Credit for the Settlement Period. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s) | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Settlement Period Economic Minimum Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Settlement Period Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Settlement Period Economic Minimum Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Positive Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, MIN (Non-Fast Start Economic Minimum Credit, 0) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Positive Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Positive Economic Minimum Credit Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Allocated Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Settlement Period Economic Minimum Credit, allocated based on the pro-rata share of Non-Fast Start Settlement Period Positive Economic Minimum Credit. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER price) \times (Hourly Shortfall Eligible Quantity – Day-Ahead Economic Minimum) | | | | |

SD_RTNCPCHS – RT NCPC Hourly Shortfall Payment Report – Rev 4

SD_RTNCPCHS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|---|--|--------------|----------------|----|-----------------------------|-----|--------------------------|------|------------------------|-------|----------------------------|
| | Otherwise, no value is reported in this column. | | | | | | | | | | |
| Non-Fast Start Above Economic Minimum Credit Adjustment Code(s) | <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Above Economic Minimum Credit</p> <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> <p>Otherwise, no value is reported in this column.</p> | Reason | Description | 9 | Negative credit set to zero | | | | | | |
| Reason | Description | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | |
| Final Non-Fast Start Above Economic Minimum Credit | <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Above Economic Minimum Credit less any adjustments</p> <p>Otherwise, no value is reported in this column.</p> | | | | | | | | | | |
| Hourly Shortfall NCPC Credit | <p>If asset is a Fast Start Generator or Flexible DDG Generator, Final Fast Start Credit</p> <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Allocated Economic Minimum Credit + Final Non-Fast Start Above Economic Minimum Credit</p> | | | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | | | |
| Participant Share NCPC Credit | Hourly Shortfall NCPC Credit x Ownership Share | | | | | | | | | | |
| NCPC Credit Type | <p>Reason the asset was committed. Appropriate values are:</p> <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR | | | | | | | | | | |
| DA NCPC Generator Credit Class | <p>Appropriate values are:</p> <table border="1"> <thead> <tr> <th>Credit Class</th><th>Generator Type</th></tr> </thead> <tbody> <tr> <td>FS</td><td>Fast Start Generator</td></tr> <tr> <td>NFS</td><td>non-Fast Start Generator</td></tr> <tr> <td>FDDG</td><td>Flexible DDG Generator</td></tr> <tr> <td>NFDDG</td><td>non-Flexible DDG Generator</td></tr> </tbody> </table> | Credit Class | Generator Type | FS | Fast Start Generator | NFS | non-Fast Start Generator | FDDG | Flexible DDG Generator | NFDDG | non-Flexible DDG Generator |
| Credit Class | Generator Type | | | | | | | | | | |
| FS | Fast Start Generator | | | | | | | | | | |
| NFS | non-Fast Start Generator | | | | | | | | | | |
| FDDG | Flexible DDG Generator | | | | | | | | | | |
| NFDDG | non-Flexible DDG Generator | | | | | | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | | | | | | |

| SD_RTNCPCHS Change Summary | Effective Date |
|--|----------------|
| Modified. Added new column “FER Price”. Modified description for “Asset ID”, “Asset Name”, “Subaccount ID”, “Subaccount Name”, “Hourly Shortfall NCPC Asset Credit”, “Ownership Share”, “Participant Share Hourly Shortfall NCPC Credit”, “Fast Start Generator”, “Day-Ahead Economic Minimum”, “Day-Ahead Cleared”, “Real-Time Economic Maximum”, “Real-Time Hourly LEG Limit”, “Day-Ahead Hourly Shortfall NCPC Cost”, “Real-Time Hourly Shortfall NCPC Cost”, “Hourly Shortfall Eligible Quantity”, “Day-Ahead LMP”, “Real-Time LMP”, “Fast Start Credit”, “Fast Start Credit Adjustment Code(s)”, “Final Fast Start Credit”, “Non-Fast Start Economic Minimum | 03.01.2025 |

| | |
|--|------------|
| Credit”, “Non-Fast Start Settlement Period Economic Minimum Credit” , “Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Settlement Period Economic Minimum Credit” , “Non-Fast Start Positive Economic Minimum Credit” , “Non-Fast Start Settlement Period Positive Economic Minimum Credit” , “Non-Fast Start Allocated Economic Minimum Credit” , “Non-Fast Start Above Economic Minimum Credit”, “Non-Fast Start Above Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Above Economic Minimum Credit”, “Hourly Shortfall NCPC Credit”, “Ownership Share”, “Participant Share NCPC Credit”, “NCPC Credit Type”, “DA NCPC Generator Credit Class” columns. | |
| Modified. Removed outdated effective dating references from column descriptions. In the “Generator Credits” section, the description of the following column was modified: “Fast Start Generators”. | 04.01.2020 |
| Modified. In the “Generator Credits” section, the descriptions of the following columns were modified: “Non-Fast Start Economic Minimum Credit”, “Non-Fast Start Settlement Period Economic Minimum Credit”, “Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Settlement Period Economic Minimum Credit”, “Non-Fast Start Positive Economic Minimum Credit”, “Non-Fast Start Settlement Period Positive Economic Minimum Credit”, “Non-Fast Start Allocated Economic Minimum Credit”, “Non-Fast Start Above Economic Minimum Credit”, “Non-Fast Start Above Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Above Economic Minimum Credit”, and “DA NCPC Generator Credit Class”. | 03.31.2019 |
| Modified. In the “Generator Credits” section, the descriptions of the following columns was modified: “Fast Start Generator”, “Fast Start Credit”, “Fast Start Credit Adjustment Code(s)”, “Final Fast Start Credit”, “Non-Fast Start Economic Minimum Credit”, “Non-Fast Start Settlement Period Economic Minimum Credit”, “Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Settlement Period Economic Minimum Credit”, “Non-Fast Start Positive Economic Minimum Credit”, “Non-Fast Start Settlement Period Positive Economic Minimum Credit”, “Non-Fast Start Allocated Economic Minimum Credit”, “Non-Fast Start Above Economic Minimum Credit”, “Non-Fast Start Above Economic Minimum Credit Adjustment Code(s)”, “Final Non-Fast Start Above Economic Minimum Credit” and “Hourly Shortfall NCPC Credit”; new column added “DA NCPC Generator Credit Class”. | 05.25.2016 |
| New. | 12.03.2014 |

| SD_RTNCPCCHSSUB – RT NCPC Hourly Shortfall Payment Subaccount Report – Rev 1 SD_RTNCPCCHSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Settlement Period Summary Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Shortfall NCPC Asset Credit | Hourly Shortfall NCPC Credit |
| Ownership Share | Ownership Share |
| Subaccount Share Hourly Shortfall NCPC Credit | Hourly Shortfall NCPC Asset Credit x Ownership Share |
| Generator Credits Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported in the Settlement Period. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Day-Ahead Economic Minimum | Economic Minimum Limit from the offer used in the Day-Ahead Energy market clearing process |
| Day-Ahead Cleared | Energy cleared in the Day-Ahead Market |
| Real-Time Economic Maximum | Economic Maximum Limit as declared by the Participant |
| Real-Time Hourly LEG Limit | Maximum output level requested by the Participant for a Limited Energy Resource |
| Day-Ahead Hourly Shortfall NCPC Cost | Sum of Day-Ahead energy cost, No Load cost, and Start-Up cost |
| Real-Time Hourly Shortfall NCPC Cost | Sum of Real-Time energy cost, No Load cost, and Start-Up cost |
| Hourly Shortfall Eligible Quantity | Energy eligible for RT NCPC Hourly Shortfall Payment |

SD_RTNCPCCHSSUB – RT NCPC Hourly Shortfall Payment Subaccount Report – Rev 1

SD_RTNCPCCHSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|---|--------|-------------|---|-----------------------------|
| Day-Ahead LMP | Day-Ahead Locational Marginal Price at the asset's node | | | | |
| Real-Time LMP | Real-Time Locational Marginal Price at the asset's node | | | | |
| Fast Start Credit | If asset is a Fast Start Generator or Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Hourly Shortfall Eligible Quantity Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit Adjustment Code(s) | If asset is a Fast Start Generator or Flexible DDG Generator, code identifier providing a reason for adjustment to the Fast Start Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Fast Start Credit | If asset is a Fast Start Generator or Flexible DDG Generator, Fast Start Credit less any adjustments. Otherwise, no value is reported in this column | | | | |
| Non-Fast Start Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Day-Ahead Economic Minimum Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Economic Minimum Credit for the Settlement Period. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s) | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Settlement Period Economic Minimum Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Settlement Period Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Settlement Period Economic Minimum Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Positive Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, MIN (Non-Fast Start Economic Minimum Credit, 0) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Positive Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Sum of Non-Fast Start Positive Economic Minimum Credit Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Allocated Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Settlement Period Economic Minimum Credit, allocated based on the pro-rata share of Non-Fast Start Settlement Period Positive Economic Minimum Credit. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Economic Minimum Credit | If asset is a non-Fast Start Generator or non-Flexible DDG Generator, (Real-Time LMP – Day-Ahead LMP – FER price) \times (Hourly Shortfall Eligible Quantity – Day-Ahead Economic Minimum) | | | | |

SD_RTNCPCCHSSUB – RT NCPC Hourly Shortfall Payment Subaccount Report – Rev 1

SD_RTNCPCCHSSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|---|--|--------|----------------|----|-----------------------------|-----|--------------------------|------|------------------------|-------|----------------------------|
| | Otherwise, no value is reported in this column. | | | | | | | | | | |
| Non-Fast Start Above Economic Minimum Credit Adjustment Code(s) | <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, code identifier providing a reason for the adjustment to the Non-Fast Start Above Economic Minimum Credit</p> <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> <p>Otherwise, no value is reported in this column.</p> | Reason | Description | 9 | Negative credit set to zero | | | | | | |
| Reason | Description | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | |
| Final Non-Fast Start Above Economic Minimum Credit | <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Above Economic Minimum Credit less any adjustments</p> <p>Otherwise, no value is reported in this column.</p> | | | | | | | | | | |
| Hourly Shortfall NCPC Credit | <p>If asset is a Fast Start Generator or Flexible DDG Generator, Final Fast Start Credit</p> <p>If asset is a non-Fast Start Generator or non-Flexible DDG Generator, Non-Fast Start Allocated Economic Minimum Credit + Final Non-Fast Start Above Economic Minimum Credit</p> | | | | | | | | | | |
| Ownership Share | Ownership Share | | | | | | | | | | |
| Subaccount Share NCPC Credit | Hourly Shortfall NCPC Credit x Ownership Share | | | | | | | | | | |
| NCPC Credit Type | <p>Reason the asset was committed. Appropriate values are:</p> <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR | | | | | | | | | | |
| DA NCPC Generator Credit Class | <p>Appropriate values are:</p> <table border="1"> <thead> <tr> <th>Value</th><th>Generator Type</th></tr> </thead> <tbody> <tr> <td>FS</td><td>Fast Start Generator</td></tr> <tr> <td>NFS</td><td>non-Fast Start Generator</td></tr> <tr> <td>FDDG</td><td>Flexible DDG Generator</td></tr> <tr> <td>NFDDG</td><td>non-Flexible DDG Generator</td></tr> </tbody> </table> | Value | Generator Type | FS | Fast Start Generator | NFS | non-Fast Start Generator | FDDG | Flexible DDG Generator | NFDDG | non-Flexible DDG Generator |
| Value | Generator Type | | | | | | | | | | |
| FS | Fast Start Generator | | | | | | | | | | |
| NFS | non-Fast Start Generator | | | | | | | | | | |
| FDDG | Flexible DDG Generator | | | | | | | | | | |
| NFDDG | non-Flexible DDG Generator | | | | | | | | | | |
| FER Price | Forecast Energy Requirement Price | | | | | | | | | | |

| SD_RTNCPCCHSSUB Change Summary | Effective Date |
|---|----------------|
| Modified. Added new column “FER Price”. Modified description for “Subaccount ID”, “Subaccount Name”, “Asset ID”, “Asset Name”, “Hourly Shortfall NCPC Asset Credit”, “Ownership Share”, “Participant Share Hourly Shortfall NCPC Credit”, “Fast Start Generator”, “Day-Ahead Economic Minimum”, “Day-Ahead Cleared”, “Real-Time Economic Maximum”, “Real-Time Hourly LEG Limit”, “Day-Ahead Hourly Shortfall NCPC Cost”, “Real-Time Hourly Shortfall NCPC Cost”, “Hourly Shortfall Eligible Quantity”, “Day-Ahead LMP”, “Real-Time LMP”, “Fast Start Credit”, “Fast Start Credit | 03.01.2025 |

| | |
|--|------------|
| Adjustment Code(s)", "Final Fast Start Credit", "Non-Fast Start Economic Minimum Credit", "Non-Fast Start Settlement Period Economic Minimum Credit" , "Non-Fast Start Settlement Period Economic Minimum Credit Adjustment Code(s)", "Final Non-Fast Start Settlement Period Economic Minimum Credit" , "Non-Fast Start Positive Economic Minimum Credit" , "Non-Fast Start Settlement Period Positive Economic Minimum Credit" , "Non-Fast Start Allocated Economic Minimum Credit" , "Non-Fast Start Above Economic Minimum Credit", "Non-Fast Start Above Economic Minimum Credit Adjustment Code(s)", "Final Non-Fast Start Above Economic Minimum Credit", "Hourly Shortfall NCPC Credit", "Ownership Share", "Participant Share NCPC Credit", "NCPC Credit Type", "DA NCPC Generator Credit Class" columns. | |
| New. | 06.01.2021 |

SD_RTNCPCCHSDARD – Real-Time Net Commitment Period Compensation DARD Hourly Shortfall Payment Report – Rev 0

SD_RTNCPCCHSDARD_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Settlement Period Summary Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Shortfall Economic NCPC Asset Credit | The total Hourly Shortfall NCPC credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Hourly Shortfall Economic NCPC Credit | Participant's share of the Hourly Shortfall Economic NCPC Credit based on the Ownership Share of the asset. |
| DARD Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Day-Ahead Minimum Consumption Limit | The Minimum Consumption Limit for the asset for the Trading Interval from the offer used in the Day-Ahead Energy market clearing process. |
| Day-Ahead Cleared | The MW cleared in the Day-Ahead Energy Market for the Trading Interval. |
| Real-Time Maximum Consumption Limit | The Maximum Consumption Limit for the asset for the Trading Interval as declared by the Participant. |

SD_RTNCPCCHSDARD – Real-Time Net Commitment Period Compensation DARD Hourly Shortfall Payment Report – Rev 0

SD_RTNCPCCHSDARD_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| Day-Ahead Hourly Shortfall NCPC Bid | The Day-Ahead Energy Bid amount. | | | | |
| Real-Time Hourly Shortfall NCPC Bid | The Real-Time Energy Bid amount. | | | | |
| Hourly Shortfall Eligible Quantity | MW eligible for RT NCPC Hourly Shortfall Payment. | | | | |
| Day-Ahead LMP | The Day-Ahead Locational Marginal Price at the node for the Trading Interval. | | | | |
| Real-Time LMP | The Real-Time Locational Marginal Price at the node for the Trading Interval. | | | | |
| Hourly Shortfall Economic NCPC Credit | The difference between the Day-Ahead LMP and the Real-Time LMP multiplied by the Hourly Shortfall Eligible Quantity. | | | | |
| Hourly Shortfall Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Hourly Shortfall Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Hourly Shortfall Economic NCPC Credit | Hourly Shortfall Economic NCPC Credit less any adjustments. | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | |
| Participant Hourly Shortfall Economic NCPC Credit | Participant's share of the Final Hourly Shortfall Economic NCPC Credit based on the Ownership Share of the asset. | | | | |

| SD_RTNCPCCHSDARD Change Summary | Effective Date |
|---|----------------|
| New. Update to previously posted Draft report description document: modified column heading from “Hourly Shortfall Credit Adjustment Code” to “Hourly Shortfall Credit Adjustment Code(s)”; modified description of “Participant Hourly Shortfall Economic NCPC Credit”. | 03.01.2017 |

SD_RTNCPCDSDARDSUB – Real-Time Net Commitment Period Compensation DARD Hourly Shortfall Payment Subaccount Report – Rev 0

SD_RTNCPCDSDARDSUB_<customer id>_<settlement date>_<version>_<subaccount>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Shortfall Economic NCPC Asset Credit | The total Hourly Shortfall NCPC credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Hourly Shortfall Economic NCPC Credit | Subaccount share of the Hourly Shortfall Economic NCPC Credit based on the Ownership Share of the asset. |
| DARD Credits Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Day-Ahead Minimum Consumption Limit | The Minimum Consumption Limit for the asset for the Trading Interval from the offer used in the Day-Ahead Energy market clearing process. |
| Day-Ahead Cleared | The MW cleared in the Day-Ahead Energy Market for the Trading Interval. |
| Real-Time Maximum Consumption | The Maximum Consumption Limit for the asset for the Trading Interval |

SD_RTNCPCCHSDARDSUB – Real-Time Net Commitment Period Compensation DARD Hourly Shortfall Payment Subaccount Report – Rev 0

SD_RTNCPCCHSDARDSUB_<customer id>_<settlement date>_<version>_<subaccount>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|--|--------|-------------|---|-----------------------------|
| Limit | as declared by the Participant. | | | | |
| Day-Ahead Hourly Shortfall NCPC Bid | The Day-Ahead Energy Bid amount. | | | | |
| Real-Time Hourly Shortfall NCPC Bid | The Real-Time Energy Bid amount. | | | | |
| Hourly Shortfall Eligible Quantity | MW eligible for RT NCPC Hourly Shortfall Payment. | | | | |
| Day-Ahead LMP | The Day-Ahead Locational Marginal Price at the node for the Trading Interval. | | | | |
| Real-Time LMP | The Real-Time Locational Marginal Price at the node for the Trading Interval. | | | | |
| Hourly Shortfall Economic NCPC Credit | The difference between the Day-Ahead LMP and the Real-Time LMP multiplied by the Hourly Shortfall Eligible Quantity. | | | | |
| Hourly Shortfall Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Hourly Shortfall Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Hourly Shortfall Economic NCPC Credit | Hourly Shortfall Economic NCPC Credit less any adjustments. | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | |
| Subaccount Hourly Shortfall Economic NCPC Credit | Subaccount share of the Final Hourly Shortfall Economic NCPC Credit based on the Ownership Share of the asset. | | | | |

| SD_RTNCPCCHSDARDSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 06.01.2021 |

| SD_RTNCPCHSDDRR – Real-Time Net Commitment Period Compensation Demand Response Resource Hourly Shortfall Payment Report – Rev 1 SD_RTNCPCHSDDRR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | |
|--|---|-------|-------------|---|--|---|
| REPORT COLUMN | DESCRIPTION | | | | | |
| Settlement Period Summary Section | | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Hourly Shortfall NCPC Asset Credit | Hourly Shortfall NCPC Asset Credit | | | | | |
| DRR Credits Section | | | | | | |
| Trading Interval | Specific hour for which the information is reported in the Settlement Period. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Fast Start Demand Response Resource | Appropriate values are: <table border="1"> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates if the Demand Response Resource is Fast Start for the Trading Interval</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates if the Demand Response Resource is Fast Start for the Trading Interval | N |
| Value | Description | | | | | |
| Y | Indicates if the Demand Response Resource is Fast Start for the Trading Interval | | | | | |
| N | | | | | | |
| Day-Ahead Minimum Reduction | Minimum Reduction for the Demand Response Resource from the offer used in the Day-Ahead Energy market clearing process | | | | | |
| Pool Distribution Loss Factor | Daily average avoided peak distribution loss factor | | | | | |
| Day-Ahead Cleared | Energy cleared in the Day-Ahead Market | | | | | |
| Real-Time Maximum Reduction | Real-Time Maximum Reduction | | | | | |
| Day-Ahead Hourly Shortfall NCPC Cost | Sum of Day-Ahead energy cost and Interruption cost | | | | | |

**SD_RTNCPCCHSDRR – Real-Time Net Commitment Period Compensation Demand Response Resource
Hourly Shortfall Payment Report – Rev 1**

SD_RTNCPCCHSDRR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|---|--------|-------------|---|-----------------------------|
| Real-Time Hourly Shortfall NCPC Cost | Sum of Real-Time energy cost and Interruption cost | | | | |
| Hourly Shortfall Eligible Quantity | Energy eligible for RT NCPC Hourly Shortfall Payment | | | | |
| Day-Ahead LMP | Day-Ahead Locational Marginal Price at the asset's Aggregation Zone or node | | | | |
| Real-Time LMP | Real-Time Locational Marginal Price at the asset's Aggregation Zone or node | | | | |
| Fast Start Credit Unadjusted | If asset is a Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Hourly Shortfall Eligible Quantity Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit | If asset is a Fast Start Demand Response Resource, Fast Start Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit Adjustment Code(s) | If asset is a Fast Start Demand Response Resource, code identifier providing a reason for the adjustment to the Fast Start Credit <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Fast Start Credit | If asset is a Fast Start Demand Response Resource, Fast Start Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Minimum Reduction Credit Unadjusted | If asset is a non-Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Day-Ahead Minimum Reduction Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Credit Minimum Reduction Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Sum of Non-Fast Start Minimum Reduction Credits for the Settlement Period Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Minimum Reduction Credit Adjustment Code(s) | If asset is a non-Fast Start Demand Response Resource, code identifier providing a reason for the adjustment to the Non-Fast Start Settlement Period Minimum Reduction Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Settlement Period Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Settlement Period Minimum Reduction Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Positive Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, MIN (Non-Fast Start Settlement Period Minimum Reduction Credit, | | | | |

**SD_RTNCPCCHSDRR – Real-Time Net Commitment Period Compensation Demand Response Resource
Hourly Shortfall Payment Report – Rev 1**

SD_RTNCPCCHSDRR_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|--|--------|-------------|---|-----------------------------|
| | 0) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Positive Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Sum of Non-Fast Start Positive Minimum Reduction Credit, Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Allocated Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Settlement Period Minimum Reduction Credit, allocated based on the pro-rata share of Non-Fast Start Settlement Period Positive Minimum Reduction Credit. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit Unadjusted | If asset is a non-Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times (Hourly Shortfall Eligible Quantity – Day-Ahead Economic Minimum Reduction) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Above Minimum Reduction Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit Adjustment Code(s) | If asset is a non-Fast Start Demand Response Resource code identifier providing a reason for the adjustment to the Non-Fast Start Above Minimum Reduction Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Above Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Above Minimum Reduction Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Hourly Shortfall NCPC Credit | If asset is a Fast Start Demand Response Resource, Final Fast Start Credit If asset is a non-Fast Start Demand Response Resource Non-Fast Start Allocated Minimum Reduction Credit + Final Non-Fast Start Above Minimum Reduction Credit | | | | |
| NCPC Credit Type | Reason the asset was committed. Appropriate values are: <ul style="list-style-type: none"> Economic LSCPR SCR | | | | |
| FER Price | Forecast Energy Requirement Price | | | | |

| SD_RTNCPCCHSDRR Change Summary | Effective Date |
|---|----------------|
| Modified. Added new column “FER Price”. Modified description for " Asset ID ", " Asset Name ", " Subaccount ID ", " Subaccount Name ", " Hourly Shortfall NCPC Asset Credit ", " Fast Start Demand Response Resource ", " Day-Ahead Minimum Reduction ", " Pool Distribution Loss Factor ", " Day-Ahead Cleared ", " Real-Time Maximum Reduction ", " Day-Ahead Hourly Shortfall NCPC Cost ", " Real-Time Hourly Shortfall NCPC Cost ", " Hourly Shortfall Eligible Quantity ", " Day-Ahead LMP ", " Real-Time LMP ", " Fast Start Credit Unadjusted ", " Fast Start Credit ", " Fast Start Credit Adjustment Code(s) ", " Final Fast Start Credit ", " Non-Fast Start Minimum Reduction | 03.01.2025 |

| | |
|---|----------|
| Credit Unadjusted " , " Non-Fast Start Minimum Reduction Credit " , " Non-Fast Start Settlement Period Minimum Reduction Credit " , " Non-Fast Start Settlement Period Minimum Reduction Credit Adjustment Code(s) " , " Final Non-Fast Start Settlement Period Minimum Reduction Credit " , " Non-Fast Start Positive Minimum Reduction Credit " , " Non-Fast Start Settlement Period Positive Minimum Reduction Credit " , " Non-Fast Start Allocated Minimum Reduction Credit " , " Non-Fast Start Above Minimum Reduction Credit Unadjusted " , " Non-Fast Start Above Minimum Reduction Credit " , " Non-Fast Start Above Minimum Reduction Credit Adjustment Code(s) " , " Final Non-Fast Start Above Minimum Reduction Credit " , " Hourly Shortfall NCPC Credit " , " NCPC Credit Type " columns. | |
| New. | 6.1.2018 |

**SD_RTNCPCHSDDRRSUB – Real-Time Net Commitment Period Compensation Demand Response Resource
Hourly Shortfall Payment Subaccount Report – Rev 1**

SD_RTNCPCHSDDRRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | |
|--|---|-------|-------------|---|--|---|
| Settlement Period Summary Section | | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Hourly Shortfall NCPC Asset Credit | Hourly Shortfall NCPC Asset Credit | | | | | |
| DRR Credits Section | | | | | | |
| Subaccount ID | Subaccount ID | | | | | |
| Subaccount Name | Subaccount Name | | | | | |
| Trading Interval | Specific hour for which the information is reported in the Settlement Period. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). | | | | | |
| Asset ID | Asset ID | | | | | |
| Asset Name | Asset Name | | | | | |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | |
| Fast Start Demand Response Resource | Appropriate values are: <table border="1"> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>Y</td><td rowspan="2">Indicates if the Demand Response Resource is Fast Start for the Trading Interval</td></tr> <tr> <td>N</td></tr> </table> | Value | Description | Y | Indicates if the Demand Response Resource is Fast Start for the Trading Interval | N |
| Value | Description | | | | | |
| Y | Indicates if the Demand Response Resource is Fast Start for the Trading Interval | | | | | |
| N | | | | | | |
| Day-Ahead Minimum Reduction | Minimum Reduction for the Demand Response Resource from the offer used in the Day-Ahead Energy market clearing process | | | | | |
| Pool Distribution Loss Factor | Daily average avoided peak distribution loss factor | | | | | |
| Day-Ahead Cleared | Energy cleared in the Day-Ahead Market | | | | | |
| Real-Time Maximum Reduction | Real-Time Maximum Reduction | | | | | |
| Day-Ahead Hourly Shortfall NCPC Cost | Sum of Day-Ahead energy cost and Interruption cost | | | | | |
| Real-Time Hourly Shortfall NCPC Cost | Sum of Real-Time energy cost and Interruption cost | | | | | |

**SD_RTNCPCCHSDRRSUB – Real-Time Net Commitment Period Compensation Demand Response Resource
Hourly Shortfall Payment Subaccount Report – Rev 1**

SD_RTNCPCCHSDRRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|---|--------|-------------|---|-----------------------------|
| Hourly Shortfall Eligible Quantity | Energy eligible for RT NCPC Hourly Shortfall Payment | | | | |
| Day-Ahead LMP | Day-Ahead Locational Marginal Price at the asset's Aggregation Zone or node | | | | |
| Real-Time LMP | Real-Time Locational Marginal Price at the asset's Aggregation Zone or node | | | | |
| Fast Start Credit Unadjusted | If asset is a Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Hourly Shortfall Eligible Quantity Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit | If asset is a Fast Start Demand Respond Resource, Fast Start Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Fast Start Credit Adjustment Code(s) | If asset is a Fast Start Demand Response Resource, code identifier providing a reason for the adjustment to the Fast Start Credit <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Fast Start Credit | If asset is a Fast Start Demand Response Resource, Fast Start Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Minimum Reduction Credit Unadjusted | If asset is a non-Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times Day-Ahead Minimum Reduction Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Credit Minimum Reduction Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Sum of Non-Fast Start Minimum Reduction Credits for the Settlement Period Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Minimum Reduction Credit Adjustment Code(s) | If asset is a non-Fast Start Demand Response Resource, code identifier providing a reason for the adjustment to the Non-Fast Start Settlement Period Minimum Reduction Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Settlement Period Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Settlement Period Minimum Reduction Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Positive Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, MIN (Non-Fast Start Settlement Period Minimum Reduction Credit, 0) | | | | |

SD_RTNCPCCHSDRRSUB – Real-Time Net Commitment Period Compensation Demand Response Resource Hourly Shortfall Payment Subaccount Report – Rev 1

SD_RTNCPCCHSDRRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--|--|--------|-------------|---|-----------------------------|
| | Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Settlement Period Positive Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Sum of Non-Fast Start Positive Minimum Reduction Credit, Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Allocated Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Settlement Period Minimum Reduction Credit, allocated based on the pro-rata share of Non-Fast Start Settlement Period Positive Minimum Reduction Credit. Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit Unadjusted | If asset is a non-Fast Start Demand Response Resource, (Real-Time LMP – Day-Ahead LMP – FER Price) \times (Hourly Shortfall Eligible Quantity – Day-Ahead Economic Minimum Reduction) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Above Minimum Reduction Credit Unadjusted \times (1 + Pool Distribution Loss Factor) Otherwise, no value is reported in this column. | | | | |
| Non-Fast Start Above Minimum Reduction Credit Adjustment Code(s) | If asset is a non-Fast Start Demand Response Resource code identifier providing a reason for the adjustment to the Non-Fast Start Above Minimum Reduction Credit. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </tbody> </table> Otherwise, no value is reported in this column. | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final Non-Fast Start Above Minimum Reduction Credit | If asset is a non-Fast Start Demand Response Resource, Non-Fast Start Above Minimum Reduction Credit less any adjustments. Otherwise, no value is reported in this column. | | | | |
| Hourly Shortfall NCPC Credit | If asset is a Fast Start Demand Response Resource, Final Fast Start Credit If asset is a non-Fast Start Demand Response Resource Non-Fast Start Allocated Minimum Reduction Credit + Final Non-Fast Start Above Minimum Reduction Credit | | | | |
| NCPC Credit Type | Reason the asset was committed. Appropriate values are: <ul style="list-style-type: none"> Economic LSCPR SCR | | | | |
| FER Price | Forecast Energy Requirement Price | | | | |

| SD_RTNCPCCHSDRRSUB Change Summary | Effective Date |
|---|----------------|
| Modified. Added new column "FER Price". Modified description for " Subaccount ID ", " Subaccount Name ", " Asset ID ", " Asset Name ", " Hourly Shortfall NCPC Asset Credit ", " Fast Start Demand Response Resource ", " Day-Ahead Minimum Reduction ", " Pool Distribution Loss Factor ", " Day-Ahead Cleared ", " Real-Time Maximum Reduction ", " Day-Ahead Hourly Shortfall NCPC Cost ", " Real-Time Hourly Shortfall NCPC Cost ", " Hourly Shortfall Eligible Quantity ", " Day-Ahead LMP ", " Real-Time LMP ", " Fast Start Credit Unadjusted ", " Fast Start Credit ", " Fast Start Credit | 03.01.2025 |

| | |
|---|------------|
| Adjustment Code(s) " , " Final Fast Start Credit " , " Non-Fast Start Minimum Reduction Credit Unadjusted " , " Non-Fast Start Minimum Reduction Credit " , " Non-Fast Start Settlement Period Minimum Reduction Credit " , " Non-Fast Start Settlement Period Minimum Reduction Credit Adjustment Code(s) " , " Final Non-Fast Start Settlement Period Minimum Reduction Credit " , " Non-Fast Start Positive Minimum Reduction Credit " , " Non-Fast Start Settlement Period Positive Minimum Reduction Credit " , " Non-Fast Start Allocated Minimum Reduction Credit " , " Non-Fast Start Above Minimum Reduction Credit Unadjusted " , " Non-Fast Start Above Minimum Reduction Credit " , " Non-Fast Start Above Minimum Reduction Credit Adjustment Code(s) " , " Final Non-Fast Start Above Minimum Reduction Credit " , " Hourly Shortfall NCPC Credit " , " NCPC Credit Type " columns. | |
| New. | 06.01.2021 |

| SD_RTNCPLSCPR – Real Time LSCPR Uplift – Settlement Details – <i>RETIRED</i> SD_RTNCPLSCPR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Reliability Region | Location identification number associated with the Reliability Region supported by an LSCPR unit. |
| Total Real-Time LSCPR Credits per Reliability Region | Sum of all Real Time Net Commitment Period Compensation payments for assets flagged as LSCPR plus LSCPR purchase transactions for the day. |
| Participant Real-Time Increment and Import Deviation per Reliability Region | The absolute value of the deviation between Real Time and Day Ahead increment and import MWs per Reliability Region. |
| Participant Real-Time Load Obligation Deviation per Reliability Region | The absolute value of the deviation between Real Time and Day Ahead Load Obligation per Reliability Region. |
| Participant Real-Time Generation Deviation per Reliability Region | The absolute value of the deviation between Real Time and Day Ahead Self Scheduled Generation and Pool Schedule Generation Not Following Dispatch instructions for specified Reliability Region. |
| Participant Real-Time Deviation per Reliability Region | The sum of Participant Real Time Increment/Import plus Load Obligation plus Generation Deviations for specified Reliability Region. |
| Total Real-Time Deviation per Reliability Region | The sum of Participants' Real Time Deviations for specified Reliability Region. |
| Participant Real Time LSCPR Charge | Real Time LSCPR credits allocated to Participants based on a pro-rata share of their Real Time deviation per Reliability Region. |
| RT Reliability Region Participant Daily Load Obligation | The Real Time Reliability Region Load Obligation for the Participant within a Reliability Region, for the day. |
| Total RT Reliability Region Daily Load Obligation | The Real Time Reliability Region Load Obligation for all the Participants within a Reliability Region, for the day. For market dates beginning June 1, 2010 and following, this column will not be reported |
| External Sale Load Obligation MW (CETICZ and FCA Cleared Export) | The sum of Real Time Load Obligation created in a Reliability Region that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real Time, for the day. This column will be reported for market dates beginning June 1, 2010. |
| Dispatchable ARD Daily RTLO Reduction MWs | The total daily reduction to a Participant's daily Real Time Load Obligation in a Reliability Region related to Dispatchable Asset Related Demand resources per Market Rule 1, Appendix F, section III.F.3.1. This column will be reported for market dates beginning June 1, 2010. |
| Participant Daily NCPC Real Time Load Obligation | The net daily Participant Real Time Load obligation within a Reliability Region. This value equals the sum of "RT Reliability Region Participant Daily Load Obligation", "External Sale Load Obligation MW (CETICZ and FCA Cleared Export)" and "Dispatchable ARD Daily RTLO Reduction MWs", for the day. This column will be reported for market dates beginning June 1, 2010. |
| Total Daily NCPC Real Time Load Obligation | The Total NCPC Real Time Reliability Region Load Obligation for all the Participants within a Reliability Region, for the day This column will be reported for market dates beginning June 1, 2010. |

| SD_RTNCPLSCPR Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. A new column has been added following the 'Total RT Reliability Region Daily Load Obligation' column. | 06.01.2010 |

| SD_RTNCPCPMT – Real Time NCPC Unit Payment Report – Settlement Details – <i>RETIRED</i> | |
|---|--|
| SD_RTNCPCPMT_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need. | |
| REPORT COLUMN | DESCRIPTION |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. |
| Resource Type | The description of an External Transaction (Purchase or Sale). |
| Asset ID | Numerical identifier for the asset. |
| Hourly Offer | Total hourly costs for the specified asset (Including Startup, No-Load Bid, and Energy offer). |
| Hourly Value | The product of the (Revenue Quality Metering less Day Ahead Cleared MWs) and the Real-Time LMP. |
| Regulation ROC Value | The sum of the out of merit uplift ROC Credit from the regulation market multiplied by a negative one |
| Daily Total NCPC | Sum of Hourly Offers less the sum of Hourly Values. |
| Hourly Pool Load Obligation | Sum of Participants' Load Obligations in that hour. |
| Daily Total Load Obligation for hours Dispatched | Sum of Hourly Pool Load Obligations for Hours Dispatched. |
| NCPC Payment | The hourly RT NCPC payment as calculated per Market Rule 1, Appendix F. At a high level, equals the Daily Real Time Generation Offer less the Daily Real Time Generation Value less the Daily Regulation out of merit ROC Credits. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with a generating unit at a Node, where such unit is interconnected to the NEPOOL Transmission System. |
| Customer Share NCPC Payment | Real Time Net Commitment Period Compensation Payment allocated to Participants based on their ownership share. |
| NCPC Type | Flag status for commitment reason: Economic, LSCPR, SCR, VAR up/down or Generator Performance Audit. |

| SD_RTNCPCPMT Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. No change in report structure, added type of Generator Performance Audit in the description of "NCPC Type". | 09.01.2013 |
| Modified. No change in report structure, added type of SCR in the description of "NCPC Type". | 04.01.2013 |
| Existing. Renamed the column "Regulation LOC Value" to "Regulation ROC Value" and modified the description of columns "Regulation LROC Value", "NCPC Payment" and "NCPC Type" | 01.01.2012 |

SD_RTNCPCPMTDTL – Real Time NCPC Unit Payment Details Report – RETIRED

SD_RTNCPCPMTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|-----------------------------|---|--------|-------------|---|---|----|---|----|--|----|---|----|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. | | | | | | | | | | | | |
| Resource Type | The description of an External Transaction (Purchase or Sale). | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | |
| Base Start up Cost | The Asset's Startup Cost Offer that is evaluated by the Net Commitment Period Compensation process. | | | | | | | | | | | | |
| Startup Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base Startup Cost. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>5</td><td>Mitigated Startup Costs</td></tr> <tr> <td>10</td><td>Type of start missing. Cold startup cost used.</td></tr> <tr> <td>21</td><td>Pro-Rated Startup Adjustment – Trip Prior to completing Min Run Time.</td></tr> </table> | Reason | Description | 5 | Mitigated Startup Costs | 10 | Type of start missing. Cold startup cost used. | 21 | Pro-Rated Startup Adjustment – Trip Prior to completing Min Run Time. | | | | |
| Reason | Description | | | | | | | | | | | | |
| 5 | Mitigated Startup Costs | | | | | | | | | | | | |
| 10 | Type of start missing. Cold startup cost used. | | | | | | | | | | | | |
| 21 | Pro-Rated Startup Adjustment – Trip Prior to completing Min Run Time. | | | | | | | | | | | | |
| Eligible Startup Costs | The Startup Cost Offer used in the Net Commitment Period Compensation calculation. This is the Base Startup Cost minus any adjustments. | | | | | | | | | | | | |
| Base No Load Costs | The Asset's No-Load Cost Offer that is evaluated by the Net Commitment Period Compensation process. | | | | | | | | | | | | |
| No Load Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base No Load Cost. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>3</td><td>Failure to Follow DDP - No Load Cost Adjustment</td></tr> <tr> <td>4</td><td>Prorate No Load Costs</td></tr> <tr> <td>6</td><td>Mitigated No Load Costs</td></tr> </table> | Reason | Description | 3 | Failure to Follow DDP - No Load Cost Adjustment | 4 | Prorate No Load Costs | 6 | Mitigated No Load Costs | | | | |
| Reason | Description | | | | | | | | | | | | |
| 3 | Failure to Follow DDP - No Load Cost Adjustment | | | | | | | | | | | | |
| 4 | Prorate No Load Costs | | | | | | | | | | | | |
| 6 | Mitigated No Load Costs | | | | | | | | | | | | |
| Eligible No Load Costs | The No-Load Cost Offer used in the Net Commitment Period Compensation calculation. This is the Base No-Load Cost Offer minus any adjustments. | | | | | | | | | | | | |
| Base Energy Costs | The Asset's Energy Offer price multiplied by the Asset's A Cleared MWs or other adjusted mw amount. | | | | | | | | | | | | |
| Base Energy Revenue | The Asset's Cleared MWs multiplied by LMP. | | | | | | | | | | | | |
| Energy Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Base Energy Cost or Base Energy Revenue. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Failure to Follow DDP - Energy Cost/Revenue Adjustment.</td></tr> <tr> <td>12</td><td>Reserve Shortage Opportunity Cost (RSOC) – Energy Revenue Adjustment.</td></tr> <tr> <td>17</td><td>Energy cost calculated with prior day bid prices for min run carry over.</td></tr> <tr> <td>20</td><td>Energy Offer and Value adjustment for units that have Partial Self Scheduled MWs.</td></tr> <tr> <td>22</td><td>Real Time Energy Offer and Value adjustments for units that have Cleared DA MWs.</td></tr> </table> | Reason | Description | 1 | Failure to Follow DDP - Energy Cost/Revenue Adjustment. | 12 | Reserve Shortage Opportunity Cost (RSOC) – Energy Revenue Adjustment. | 17 | Energy cost calculated with prior day bid prices for min run carry over. | 20 | Energy Offer and Value adjustment for units that have Partial Self Scheduled MWs. | 22 | Real Time Energy Offer and Value adjustments for units that have Cleared DA MWs. |
| Reason | Description | | | | | | | | | | | | |
| 1 | Failure to Follow DDP - Energy Cost/Revenue Adjustment. | | | | | | | | | | | | |
| 12 | Reserve Shortage Opportunity Cost (RSOC) – Energy Revenue Adjustment. | | | | | | | | | | | | |
| 17 | Energy cost calculated with prior day bid prices for min run carry over. | | | | | | | | | | | | |
| 20 | Energy Offer and Value adjustment for units that have Partial Self Scheduled MWs. | | | | | | | | | | | | |
| 22 | Real Time Energy Offer and Value adjustments for units that have Cleared DA MWs. | | | | | | | | | | | | |
| Eligible Energy Cost | The Energy Cost Offer used in the Net Commitment Period Compensation calculation. This is the Base Energy Cost minus any adjustments. | | | | | | | | | | | | |
| Eligible Energy Revenue | The Energy Revenue used in the Net Commitment Period Compensation calculation. This is the Base Energy Revenue minus any adjustments. | | | | | | | | | | | | |
| Base Daily Generation Offer | The Daily sum of the Asset's Eligible Startup Cost plus the Asset's Eligible No Load Cost plus the Asset's Eligible Energy Cost. | | | | | | | | | | | | |

SD_RTNCPCPMTDTL – Real Time NCPC Unit Payment Details Report – RETIRED

SD_RTNCPCPMTDTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|--|---|--------|-------------|---|---|---|-----------------------------------|----|--|
| Daily Generation Offer Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Daily Generation Offer. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>8</td><td>Daily Offer Emergency Max Cap Adjustment.</td></tr> </table> | Reason | Description | 8 | Daily Offer Emergency Max Cap Adjustment. | | | | |
| Reason | Description | | | | | | | | |
| 8 | Daily Offer Emergency Max Cap Adjustment. | | | | | | | | |
| Eligible Daily Generation Offer | The Daily Generation Offer used in the Net Commitment Period Compensation calculation. This is the Base Daily Generation Offer minus any adjustments. | | | | | | | | |
| Base Daily Generation Value | The Daily sum of the Asset's Eligible Energy Revenue. | | | | | | | | |
| Daily Generation Value Adjustment Code | Code identifier providing a reason for the adjustment to the Asset's Daily Generation Offer. <i>Codes unavailable at this time</i> | | | | | | | | |
| Eligible Daily Generation Value | The Daily Generation Value used in the Net Commitment Period Compensation calculation. This is the Base Daily Generation Value minus any adjustments. | | | | | | | | |
| Base Daily Total NCPC Credit | The difference of the Daily Real Time Generation Offer less (Daily Day Ahead Generation Value plus Daily Real Time Generation Value plus Daily Day Ahead Generation Credits plus Daily Regulation out of merit uplift ROC Credits plus Daily Reserve Shortage Opportunity Cost). | | | | | | | | |
| Daily Total NCPC Credit Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Daily Total Net Commitment Period Compensation Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>7</td><td>Daily Credit Mitigation Adjustment</td></tr> <tr> <td>9</td><td>Negative Daily Credit set to zero</td></tr> <tr> <td>16</td><td>Adjust Real Time Credit for Day Ahead Credit calculated for ineligible hours</td></tr> </table> | Reason | Description | 7 | Daily Credit Mitigation Adjustment | 9 | Negative Daily Credit set to zero | 16 | Adjust Real Time Credit for Day Ahead Credit calculated for ineligible hours |
| Reason | Description | | | | | | | | |
| 7 | Daily Credit Mitigation Adjustment | | | | | | | | |
| 9 | Negative Daily Credit set to zero | | | | | | | | |
| 16 | Adjust Real Time Credit for Day Ahead Credit calculated for ineligible hours | | | | | | | | |
| Eligible Daily Total NCPC Credit | The Daily Net Commitment Period Compensation Credit used in the Net Commitment Period Compensation calculation. This is the Base Daily Net Commitment Period Compensation Credit minus any adjustments. | | | | | | | | |
| Base Hourly NCPC Credit | The Net Commitment Period Compensation Credit for each asset, in each operating day, allocated back to each hour in the operating day in which the asset was scheduled and eligible for NCPC credit. This is based on a pro-rata share of pool Load Obligation and total pool Load Obligation. | | | | | | | | |
| Hourly NCPC Credit Adjustment Codes | Code identifier providing a reason for the adjustment to the Asset's Hourly Net Commitment Period Compensation Credit. <i>Codes unavailable at this time</i> | | | | | | | | |
| Eligible Hourly NCPC Credit | The Hourly Net Commitment Period Compensation Credit used in the Net Commitment Period Compensation calculation. This is the Base Hourly Net Commitment Period Compensation Credit minus any adjustments or exclusions. | | | | | | | | |
| NCPC Eligible | Yes (Y) or No (N). Based on the Eligible Unit Dispatch Hours where Desired Mw > 0 and the unit was cleared. Value will be Yes (Y) for External Transactions. | | | | | | | | |
| Implicit Self Scheduled Regulation MWs | Regulation Output Level for a Unit that is Partially Self Scheduled for Regulation for the Hour. | | | | | | | | |

| SD_RTNCPCPMTDTL Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. Modified the description of the columns "Base Daily Total NCPC Credit" and "NCPC Eligible" | 02.11.2009 |

SD_RTNCPCPOSTDARD – Real-Time NCPC DARD Pump Posturing Credit Report – *RETIRED*

SD_RTNCPCPOSTDARD_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Dail

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Postured Reason | The reason the DARD was postured, as follows: <ul style="list-style-type: none">• Economic• LV VAR |
| Postured MW | The level at which the DARD was postured to operate. |
| Revenue Quality Metering | Actual metered output for the Trading Interval. |
| Eligible Quantity | Lesser of the Postured MW or the Revenue Quality Metering. |
| Hourly Bid | The energy consumption demand bid amount for the Eligible Quantity. |
| Hourly Cost | The product of the Eligible Quantity and the Real-Time LMP. |
| Posturing Credit | Hourly Cost minus the Hourly Bid; if negative, value is set to zero. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Posturing Credit | Participant's share of the DARD Posturing Credit based on the Ownership Share of the asset. |

| SD_RTNCPCPOSTDARD Change Summary | Effective Date |
|----------------------------------|----------------|
| Retired | 03.01.2017 |
| New | 12.03.2014 |

SD_RTNCPCPOSTGEN – Real-Time NCPC Generator Posturing Credit Report – Rev 2

SD_RTNCPCPOSTGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| LEG Generators - Daily Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Generator Type | The registered type of the generator. |
| Postured Start Hour | The date/time of the first Trading Interval of the posturing event. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Maximum Daily Energy | The maximum daily energy MWh limit value for the generator. |
| Available Energy | The energy available as of the Postured Start Hour. |
| Initial Energy Quantity | The energy allocated to an asset at a station. If there are not multiple assets at the station, this equals Available Energy. |
| Total Added Energy Quantity (Pumps Only) | The energy added to the pond for a pumped storage asset during the posturing event. |
| Actual Remaining Energy Quantity | The Initial Energy Quantity plus the Total Added Energy Quantity (Pumps Only), less the sum of the five-minute Energy Quantity, for the posturing event. |
| Energy Replacement Price | For Generator Type ‘Hydro: Pumped Storage’, price is the average of the Day-Ahead LMP in hours ending 3 through 5 in the subsequent operating day. For Generator Type ‘Oil’, price is the product of the oil index price and the oil-fired generator proxy heat rate. Otherwise, price is zero. |
| Actual Avoided Replacement Cost | The product of the Actual Remaining Energy Quantity and the Energy Replacement Price. |
| Total Actual Revenue | The sum of the five-minute Actual Revenue values for the posturing event. |
| Optimized Output Remaining Energy Quantity | The amount of energy remaining after calculating the optimal energy dispatch for the asset. |
| Optimized Output Avoided Replacement Cost | If the Generator Type is ‘Hydro: Pumped Storage’, cost is the sum of the Total Added Energy Quantity (Pumps Only) and the Optimized Output Remaining Energy Quantity multiplied by the Energy Replacement Price. If the Generator Type is ‘Oil’, cost is the product of the Energy Replacement Price and the Optimized Output Remaining Energy Quantity. |
| Total Optimized Output Revenue | The Optimized Energy Revenue for the posturing event. |
| Posturing Credit | The credit is calculated as follows: |

SD_RTNCPCPOSTGEN – Real-Time NCPC Generator Posturing Credit Report – Rev 2

SD_RTNCPCPOSTGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | MAX [0, (Total Optimized Output Revenue + Optimized Output Avoided Replacement Cost) – (Total Actual Revenue + Actual Avoided Replacement Cost)] |
| LEG Generators - Hourly Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Generator Type | The registered type of the generator. |
| Fast Start Generator | Indicates if the asset was considered Fast Start Generator at the time of posturing. (Y/N) |
| Postured Reason | The reason the generator was postured, as follows: <ul style="list-style-type: none"> • Economic • LV VAR |
| Postured MW | The dispatch level at which the asset was postured to operate. |
| Revenue Quality Metering | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the generator's actual metered output. |
| Added Energy Quantity (Pumps Only) | The energy added to the pond for a pumped storage asset during the Trading Interval. |
| Optimized Energy Output Quantity | The optimal output level determined by the asset's energy offer and operating parameters. |
| Optimized Energy Revenue | The product of the Optimized Energy Output Quantity and the Real-Time LMP. |
| Actual Revenue | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the product of the Revenue Quality Metering and the Real-Time LMP. |
| Hourly Posturing Credit | The Posturing Credit for the day divided by the number of hours in the posturing event. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Posturing Credit | Participant's share of the Posturing Credit based on the Ownership Share of the asset. |
| Non-LEG Generators Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SD_RTNCPCPOSTGEN – Real-Time NCPC Generator Posturing Credit Report – Rev 2

SD_RTNCPCPOSTGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Fast Start Generator | Indicates if the asset was considered Fast Start Generator at the time of the posturing commitment. (Y/N) |
| Postured Reason | The reason the generator was postured, as follows: <ul style="list-style-type: none">• Economic• LV VAR |
| Postured MW | The dispatch level at which the asset was postured to operate. |
| Revenue Quality Metering | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the generator's actual metered output. |
| Actual Energy Revenue | Effective March 1, 2017, the sum of five-minute Actual Energy Revenue. Prior to March 1, 2017, the product of the Revenue Quality Metering and the Real-Time LMP. |
| Hourly Start-Up Cost | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the Final Start-Up Cost from the Real-Time NCPC Credit calculations. |
| No Load Cost | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the Final No Load Cost from the Real-Time NCPC Credit calculations. |
| Actual Energy Cost | Effective March 1, 2017, this column will be reported as NULL. Prior to March 1, 2017, the cost of energy based on the asset's energy offer and the Revenue Quality Metering. |
| Actual Hourly Cost | Effective March 1, 2017, the sum of the five-minute Actual Cost. Prior to March 1, 2017, The sum of the Hourly Start-Up Cost, No Load Cost, and Actual Energy Cost. |
| Optimized Energy Output Quantity | The optimal output level determined by the asset's energy offer and operating parameters. |
| Optimized Energy Revenue | The product of the Optimized Energy Output Quantity and the Real-Time LMP. |
| Optimized Energy Cost | The cost of energy based on the asset's energy offer and the Optimized Energy Output Quantity. |
| Optimized Hourly Cost | The sum of the Hourly Start-Up Cost, No Load Cost, and Optimized Energy Cost. |
| Posturing Credit | The credit is calculated as follows: |

SD_RTNCPCPOSTGEN – Real-Time NCPC Generator Posturing Credit Report – Rev 2

SD_RTNCPCPOSTGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | MAX [0, (Optimized Energy Revenue – Optimized Hourly Cost) – (Actual Energy Revenue – Actual Hourly Cost)] |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share of Posturing Credit | Participant's share of the generator Posturing Credit based on the Ownership Share of the asset. |
| LEG Generators – Five-Minute Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Actual Energy Revenue | The product of the Energy Quantity and the Real-Time LMP, divided by 12. |
| Non-LEG Generators – Five Minute Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Actual Energy Revenue | The product of the Energy Quantity and the Real-Time LMP, divided by 12. |
| Start-Up Cost | The Final Start-Up Cost from the Real-Time NCPC Credit calculations. |

SD_RTNCPCPOSTGEN – Real-Time NCPC Generator Posturing Credit Report – Rev 2

SD_RTNCPCPOSTGEN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------|--|
| No Load Cost | The Final No Load Cost from the Real-Time NCPC Credit calculations. |
| Actual Energy Cost | The cost of energy based on the asset's energy offer and the Energy Quantity, divided by 12. |
| Actual Cost | The sum of the Start-Up Cost, No Load Cost, and Actual Energy Cost. |

| SD_RTNCPCPOSTGEN Change Summary | Effective Date |
|---|----------------|
| Modified. In the “LEG Generators - Daily Section”, modified descriptions for “Actual Remaining Energy Quantity” and “Total Actual Revenue”. In the “LEG Generators - Hourly Section”, modified descriptions for “Revenue Quality Metering” and “Actual Revenue”. In the “Non-LEG Generators Section”, modified descriptions for “Revenue Quality Metering”, “Actual Energy Revenue”, “Hourly Start-Up Cost”, “No Load Cost”, “Actual Energy Cost”, and “Actual Hourly Cost”. Added new sections “LEG Generators – Five-Minute Section” and “Non-LEG Generators – Five Minute Section”. | 03.01.2017 |
| Modified. In the “LEG Generators - Daily Section” the “Posturing Credit” calculation has been corrected. The signs were reversed in the description document only. | 12.03.2014 |
| New | 12.03.2014 |

| SD_RTNCPCPOSTGENSUB – Real-Time NCPC Generator Posturing Credit Subaccount Report – Rev 0 SD_RTNCPCPOSTGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| LEG Generators - Daily Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Generator Type | The registered type of the generator. |
| Postured Start Hour | The date/time of the first Trading Interval of the posturing event. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Maximum Daily Energy | The maximum daily energy MWh limit value for the generator. |
| Available Energy | The energy available as of the Postured Start Hour. |
| Initial Energy Quantity | The energy allocated to an asset at a station. If there are not multiple assets at the station, this equals Available Energy. |
| Total Added Energy Quantity (Pumps Only) | The energy added to the pond for a pumped storage asset during the posturing event. |
| Actual Remaining Energy Quantity | The Initial Energy Quantity plus the Total Added Energy Quantity (Pumps Only), less the sum of the five-minute Energy Quantity, for the posturing event. |
| Energy Replacement Price | For Generator Type ‘Hydro: Pumped Storage’, price is the average of the Day-Ahead LMP in hours ending 3 through 5 in the subsequent operating day. For Generator Type ‘Oil’, price is the product of the oil index price and the oil-fired generator proxy heat rate. Otherwise, price is zero. |
| Actual Avoided Replacement Cost | The product of the Actual Remaining Energy Quantity and the Energy Replacement Price. |
| Total Actual Revenue | The sum of the five-minute Actual Revenue values for the posturing event. |
| Optimized Output Remaining Energy Quantity | The amount of energy remaining after calculating the optimal energy dispatch for the asset. |
| Optimized Output Avoided Replacement Cost | If the Generator Type is ‘Hydro: Pumped Storage’, cost is the sum of the Total Added Energy Quantity (Pumps Only) and the Optimized Output Remaining Energy Quantity multiplied by the Energy Replacement Price. If the Generator Type is ‘Oil’, cost is the product of the Energy Replacement Price and the Optimized Output Remaining Energy Quantity. |

| SD_RTNCPCPOSTGENSUB – Real-Time NCPC Generator Posturing Credit Subaccount Report – Rev 0 SD_RTNCPCPOSTGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Total Optimized Output Revenue | The Optimized Energy Revenue for the posturing event. |
| Posturing Credit | The credit is calculated as follows: $\text{MAX} [0, (\text{Total Optimized Output Revenue} + \text{Optimized Output Avoided Replacement Cost}) - (\text{Total Actual Revenue} + \text{Actual Avoided Replacement Cost})]$ |
| LEG Generators - Hourly Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Generator Type | The registered type of the generator. |
| Fast Start Generator | Indicates if the asset was considered Fast Start Generator at the time of posturing. (Y/N) |
| Postured Reason | The reason the generator was postured, as follows: <ul style="list-style-type: none"> • Economic • LV VAR |
| Postured MW | The dispatch level at which the asset was postured to operate. |
| Added Energy Quantity (Pumps Only) | The energy added to the pond for a pumped storage asset during the Trading Interval. |
| Optimized Energy Output Quantity | The optimal output level determined by the asset's energy offer and operating parameters. |
| Optimized Energy Revenue | The product of the Optimized Energy Output Quantity and the Real-Time LMP. |
| Hourly Posturing Credit | The Posturing Credit for the day divided by the number of hours in the posturing event. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share of Posturing Credit | Subaccount share of the Posturing Credit based on the Ownership Share of the asset. |
| Non-LEG Generators Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |

SD_RTNCPCPOSTGENSUB – Real-Time NCPC Generator Posturing Credit Subaccount Report – Rev 0
SD_RTNCPCPOSTGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Fast Start Generator | Indicates if the asset was considered Fast Start Generator at the time of the posturing commitment. (Y/N) |
| Postured Reason | The reason the generator was postured, as follows: <ul style="list-style-type: none"> • Economic • LV VAR |
| Postured MW | The dispatch level at which the asset was postured to operate. |
| Actual Energy Revenue | The sum of five-minute Actual Energy Revenue. |
| Actual Hourly Cost | The sum of the five-minute Actual Cost. |
| Optimized Energy Output Quantity | The optimal output level determined by the asset's energy offer and operating parameters. |
| Optimized Energy Revenue | The product of the Optimized Energy Output Quantity and the Real-Time LMP. |
| Optimized Energy Cost | The cost of energy based on the asset's energy offer and the Optimized Energy Output Quantity. |
| Optimized Hourly Cost | The sum of the Hourly Start-Up Cost, No Load Cost, and Optimized Energy Cost. |
| Posturing Credit | The credit is calculated as follows: $\text{MAX} [0, (\text{Optimized Energy Revenue} - \text{Optimized Hourly Cost}) - (\text{Actual Energy Revenue} - \text{Actual Hourly Cost})]$ |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share of Posturing Credit | Subaccount share of the generator Posturing Credit based on the Ownership Share of the asset. |
| LEG Generators – Five-Minute Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, |

SD_RTNCPCPOSTGENSUB – Real-Time NCPC Generator Posturing Credit Subaccount Report – Rev 0
SD_RTNCPCPOSTGENSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Actual Energy Revenue | The product of the Energy Quantity and the Real-Time LMP, divided by 12. |
| Non-LEG Generators – Five Minute Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Energy Quantity | The Metered Quantity for Settlement for the five-minute trading interval. |
| Actual Energy Revenue | The product of the Energy Quantity and the Real-Time LMP, divided by 12. |
| Start-Up Cost | The Final Start-Up Cost from the Real-Time NCPC Credit calculations. |
| No Load Cost | The Final No Load Cost from the Real-Time NCPC Credit calculations. |
| Actual Energy Cost | The cost of energy based on the asset's energy offer and the Energy Quantity, divided by 12. |
| Actual Cost | The sum of the Start-Up Cost, No Load Cost, and Actual Energy Cost. |

| SD_RTNCPCPOSTGENSUB Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 06.01.2021 |

| SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – <i>RETIRED</i> SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Settlement Period Summary Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Settlement Period Start | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Settlement Period End | The date/time of the last Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) |
| Non-Fast Start Generator MRT Credit | The sum of the Non-Fast Start Generator Hourly MRT Credits for the Settlement Period. This value applies to Non-Fast Start, Non-Flexible Do Not Exceed Dispatchable Generator (DDG) and Non-Dispatchable Intermittent Hydro generators. |
| Non-Fast Start Generator Post MRT Credit | The sum of the Non-Fast Start Generator Hourly Post MRT Credits for the Settlement Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. |
| Real-Time NCPC Commitment Credit | The sum of the hourly Real-Time NCPC Commitment Credits for the Settlement Period. |
| Real-Time NCPC Dispatch Credit | The sum of the hourly Final Real-Time NCPC Dispatch Credits for the Settlement Period. |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Asset Credit, for the Settlement Period, based on the Ownership Share of the asset. |
| Start-Up Amortization Summary Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) If the asset starts multiple times in the hour, there are multiple records for the hour. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Start-Up Amortization Begin Date | The date/time of the beginning of the Start-Up amortization period. If period begins at start of hour, then date format reflects hour end and is as follows: MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02. If the period begins during |

| SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – <i>RETIRED</i> SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------|-------------|---|--|---|--|---|--|---|---|---|---|---|--|----|--|----|--|----|---|
| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
| | the hour, then the date format is timestamp. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Amortization End Date | The date/time of the end of the Start-Up amortization period. If period ends at start of an hour, then date format reflects hour end and is as follows: MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02. If the period begins during the hour, then the date format is timestamp. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Cost Ineligible Code | Code identifier providing a reason for the Start-Up ineligibility. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval</td></tr> <tr> <td>2</td><td>Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr> <tr> <td>3</td><td>Start-up costs waived on Effective Offer for dispatch in Start-Up Trading Interval</td></tr> <tr> <td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr> <tr> <td>5</td><td>Self-Scheduled in Start-Up Trading Interval</td></tr> <tr> <td>6</td><td>Self dispatched in Start-Up Trading Interval</td></tr> <tr> <td>15</td><td>Start-up costs waived on Effective Offer for dispatch for Fast Start Generator</td></tr> <tr> <td>16</td><td>Start-up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval</td></tr> <tr> <td>26</td><td>Generator is performing a participant audit or owner testing in the Start-Up Trading Interval</td></tr> </tbody> </table> | Reason | Description | 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 3 | Start-up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | 4 | Self-Scheduled in planned Start-Up Trading Interval | 5 | Self-Scheduled in Start-Up Trading Interval | 6 | Self dispatched in Start-Up Trading Interval | 15 | Start-up costs waived on Effective Offer for dispatch for Fast Start Generator | 16 | Start-up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 5 | Self-Scheduled in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 6 | Self dispatched in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 15 | Start-up costs waived on Effective Offer for dispatch for Fast Start Generator | | | | | | | | | | | | | | | | | | | | |
| 16 | Start-up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment Start-Up Cost | The Start-Up cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Start-Up cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>3</td><td>Start-Up cost adjustment for late start</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </tbody> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 3 | Start-Up cost adjustment for late start | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-Up cost adjustment for late start | | | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| Adjusted Start-Up Cost | Commitment Start-Up Cost less any adjustments. | | | | | | | | | | | | | | | | | | | | |
| Total Start-Up Amortization Period Minutes | Total minutes in the Start-Up amortization period used to calculate the Start-Up Cost Rate per Minute. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Cost Rate Per Minute | Adjusted Start-Up Cost divided by Total Start-Up Amortization Period Minutes. | | | | | | | | | | | | | | | | | | | | |
| Minutes Online in Start-Up Amortization Period | The number of minutes the asset was online during the Trading Interval, excluding ramping. | | | | | | | | | | | | | | | | | | | | |
| Final Start-Up Cost | The product of the Start-Up Cost Rate per Minute and the Minutes Online in Start-Up Amortization Period. | | | | | | | | | | | | | | | | | | | | |
| Generator Credits Section | | | | | | | | | | | | | | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, | | | | | | | | | | | | | | | | | | | | |

SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – *RETIRED*
SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--------|-------------|---|---|---|---|---|------------------------------------|----|-------------------------------------|----|--|----|--|----|---|----|---|----|--|
| | the short day removes hour 02.) | | | | | | | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | | | | | |
| Fast Start Generator | Indicates if the asset was considered Fast Start Generator at the time of the commitment. (Y/N). Subsequent fields labeled Fast Start or Non-Fast Start will be populated based on this indicator. This column will be populated for all settlements and resettlements prior to May 25, 2016 and will contain a NULL value for settlements starting with May 25, 2016. | | | | | | | | | | | | | | | | | | | | |
| Settlement Period Start Date | The date/time of the first Trading Interval of the Settlement Period. (Date format MM/DD/YYYY HH. HH for hours 01-24; the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | | | | | |
| Mitigation Type | The type of mitigation, if applicable, as follows: <ul style="list-style-type: none"> • Commitment • Energy | | | | | | | | | | | | | | | | | | | | |
| Minutes Online (non ramping) | The minutes the asset was online less Minutes Ramping during the Trading Interval. | | | | | | | | | | | | | | | | | | | | |
| Minutes Ramping | The minutes the asset was ramping during the Trading Interval. | | | | | | | | | | | | | | | | | | | | |
| Final Start-Up Cost | The calculated Initial Start-Up Cost less any Hourly Start-Up Cost adjustments. | | | | | | | | | | | | | | | | | | | | |
| No Load Cost Ineligible Code | Code identifier providing a reason for the ineligibility to the No Load cost. <table border="1"> <thead> <tr> <th>Reason</th><th>Description</th></tr> </thead> <tbody> <tr> <td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr> <tr> <td>8</td><td>No Load costs waived on Effective Offer for dispatch for Trading Interval</td></tr> <tr> <td>9</td><td>Self-Scheduled in Trading Interval</td></tr> <tr> <td>10</td><td>Self dispatched in Trading Interval</td></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>12</td><td>No Load costs waived on Effective Offer for commitment in Trading Interval</td></tr> <tr> <td>13</td><td>No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> </tbody> </table> | Reason | Description | 4 | Self-Scheduled in planned Start-Up Trading Interval | 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | 9 | Self-Scheduled in Trading Interval | 10 | Self dispatched in Trading Interval | 11 | Generator is ramping in Trading Interval | 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 10 | Self dispatched in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment No Load Cost | No Load cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |

SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – *RETIRED*
SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|--|---|--------|-------------|---|---|---|--|----|--|----|---|----|--|----|--|
| No Load Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the No Load Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted No Load Cost, but is used in the calculation of Final No Load Cost.</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | 10 | Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted No Load Cost, but is used in the calculation of Final No Load Cost. | | |
| Reason | Description | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted No Load Cost, but is used in the calculation of Final No Load Cost. | | | | | | | | | | | | | | |
| Adjusted No Load Cost | Commitment No Load Cost less any adjustments. | | | | | | | | | | | | | | |
| Final No Load Cost | The product of the Adjusted No Load Cost and the Minutes Online divided by 60. | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW Ineligible Code | <p>Code identifier providing a reason for the ineligibility to the Energy Cost for Commitment MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Self-Scheduled in planned start-up Trading Interval</td></tr> <tr> <td>9</td><td>Self-Scheduled in Trading Interval</td></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> </table> | Reason | Description | 4 | Self-Scheduled in planned start-up Trading Interval | 9 | Self-Scheduled in Trading Interval | 11 | Generator is ramping in Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | |
| Reason | Description | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned start-up Trading Interval | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW | The cost of the Eligible Quantity for Commitment Costs MW up to NCPC Economic Min, calculated using the Effective Offer for commitment. | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>2</td><td>Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted Energy Cost for Commitment MW, but is used in the calculation of Final Energy Cost for Commitment MW.</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 2 | Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | 10 | Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted Energy Cost for Commitment MW, but is used in the calculation of Final Energy Cost for Commitment MW. |
| Reason | Description | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | |
| 2 | Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. This adjustment is not displayed in Adjusted Energy Cost for Commitment MW, but is used in the calculation of Final Energy Cost for Commitment MW. | | | | | | | | | | | | | | |
| Adjusted Energy Cost for Commitment MW | Energy Cost for Commitment MW less any adjustments. | | | | | | | | | | | | | | |
| Final Energy Cost for Commitment MW | The product of the Adjusted Energy Cost for Commitment MW and the Minutes Online divided by the Minutes Online plus Minutes Ramping. | | | | | | | | | | | | | | |

SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – *RETIRED*
SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | |
|---|--|--------|-------------|----|--|----|---|----|--|----|---|
| Energy Cost for Economic Dispatch MW Ineligible Code | Code identifier providing a reason for the ineligibility to the Energy Cost for Economic Dispatch MW. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>31</td><td>Generator was not dispatched above commitment MWs</td></tr> </table> | Reason | Description | 11 | Generator is ramping in Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | 31 | Generator was not dispatched above commitment MWs |
| Reason | Description | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | |
| 31 | Generator was not dispatched above commitment MWs | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW | The energy cost of the Eligible Quantity for Commitment Costs MW, dispatched between the NCPC Economic Min and the Economic Dispatch Point, calculated using the Effective Offer for dispatch. | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Energy Cost for Economic Dispatch MW. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | |
| Reason | Description | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | |
| Adjusted Energy Cost for Economic Dispatch MW | Energy Cost for Economic Dispatch MW less any adjustments. | | | | | | | | | | |
| Final Energy Cost for Economic Dispatch MW | The product of the Adjusted Energy Cost for Economic Dispatch MW and the Minutes Online, divided by Minutes Online plus Minutes Ramping. | | | | | | | | | | |
| Commitment Cost | The sum of Final Start-Up Cost, Final No Load Cost, Final Energy Cost for Commitment MW, and Final Energy Cost for Economic Dispatch MW. | | | | | | | | | | |
| Commitment Revenue | The product of the Eligible Quantity for Commitment Revenue and the Real-Time LMP. | | | | | | | | | | |
| Real-Time NCPC Dispatch Excess Revenue | Maximum of Dispatch Revenue plus Regulation Opportunity Cost less Final Dispatch Energy Cost, or zero. | | | | | | | | | | |
| Non-Fast Start Generator Apportioned Ramp Revenue | Commitment Revenue for Trading Intervals while ramping from an offline state that is apportioned to the minimum run time hours. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | | | | | | | | | | |
| Final Commitment Revenue | The sum of the Commitment Revenue, Real-Time NCPC Dispatch Excess Revenue, and the Non-Fast Start Apportioned Ramp Revenue. | | | | | | | | | | |
| Non-Fast Start Generator Commitment Period ID | Identifies the Commitment Period in which the Trading Interval is included, for the purposes of calculating Commitment Period costs, revenue, and credits. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | | | | | | | | | | |
| Non-Fast Start Generator MRT Trading Interval | Indicates if the Trading Interval was part of the minimum run time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | | | | | | | | | | |
| Non-Fast Start Generator MRT Cost for Commitment Period | The sum of the Commitment Cost for MRT Trading Intervals for the Non-Fast Start Generator Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | | | | | | | | | | |

| SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – <i>RETIRED</i> SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | |
|---|---|-----------------------------|
| REPORT COLUMN | DESCRIPTION | |
| Non-Fast Start Generator MRT Revenue for Commitment Period | The sum of the Final Commitment Revenue for MRT Trading Intervals for the Non-Fast Start Generator Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator MRT Credit for Commitment Period | Non-Fast Start Generator MRT Cost for Commitment Period less Non-Fast Start Generator MRT Revenue for Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator MRT Credit for Commitment Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Non-Fast Start Generator MRT Credit for Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| | Reason | Description |
| | 9 | Negative credit set to zero |
| Non-Fast Start Generator Final MRT Credit for Commitment Period | Non-Fast Start Generator MRT Credit for Commitment Period less any adjustments. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Hourly Net Revenue for MRT Trading Intervals | The Final Commitment Revenue less the Commitment Cost. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Negative Net Revenue for MRT Trading Intervals | The Non-Fast Start Generator Hourly Net Revenue for MRT Trading Intervals that is negative. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Total Negative Net Revenue for Commitment Period | The sum of the Non-Fast Start Generator Negative Net Revenue for MRT Trading Intervals for the Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Hourly MRT Credit | The Non-Fast Start Generator Final MRT Credit for Commitment Period, allocated to the Trading Interval pro-rata on Non-Fast Start Generator Negative Net Revenue for the Commitment Period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Hourly Net Revenue for Post MRT Trading Intervals | The Final Commitment Revenue less the Commitment Cost. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Post MRT Credit Accumulated Net Revenue | The accumulating Non-Fast Start Generator Hourly Net Revenue for Post MRT Trading Intervals. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Post MRT Credit Maximum Accumulated Net Revenue | The maximum Non-Fast Start Generator Post MRT Credit Accumulated Net Revenue. If value is negative, it is set to zero. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Post MRT Credit | The Non-Fast Start Generator Post MRT Credit Maximum Accumulated Net Revenue less the Non-Fast Start Generator Post MRT Credit Accumulated Net Revenue for the last Trading Interval in the post MRT period. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Negative Net Revenue for Post MRT Trading Intervals | The Non-Fast Start Generator Hourly Net Revenue for Post MRT Trading Intervals that is negative. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro | |

| SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – <i>RETIRED</i> SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | |
|--|---|--|
| REPORT COLUMN | DESCRIPTION | |
| | generators. | |
| Non-Fast Start Generator Total Negative Net Revenue for Post MRT | The sum of the Non-Fast Start Generator Negative Net Revenue for Post MRT Trading Intervals. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Non-Fast Start Generator Hourly Post MRT Credit | The Non-Fast Start Generator Post MRT Credit, allocated to each hour pro-rata on Non-Fast Start Generator Negative Net Revenue for Post MRT. This value applies to Non-Fast Start, Non-Flexible DDG and Non-Dispatchable Intermittent Hydro generators. | |
| Fast Start Generator Real-Time NCPC Commitment Credit | The Commitment Cost less the Final Commitment Revenue. This value applies to Fast Start and Flexible DDG generators. | |
| Fast Start Generator Real-Time NCPC Commitment Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Fast Start Generator Commitment Credit. This value applies to Fast Start and Flexible DDG generators. | |
| | Reason | Description |
| | 9 | Negative credit set to zero |
| Real-Time NCPC Commitment Credit | The sum of the Non-Fast Start Generator Hourly MRT Credit and the Non-Fast Start Generator Hourly Post MRT Credit, or the Fast Start Generator Real-Time NCPC Commitment Credit less any adjustments. | |
| Dispatch Energy Cost Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost. | |
| | Reason | Description |
| | 11 | Generator is ramping in Trading Interval |
| | 14 | Generator was not dispatched above Economic Dispatch Point in Trading Interval |
| | 27 | Generator has meter value of zero in the Trading Interval |
| | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| Dispatch Energy Cost | Energy cost from the Effective Offer for dispatch. | |
| Dispatch Energy Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Dispatch Energy Cost. | |
| | Reason | Description |
| | 4 | Ex-post mitigation |
| | 5 | Reversal of ex-ante mitigation |
| | 6 | Correction of ex-ante mitigation |
| Adjusted Dispatch Energy Cost | Dispatch Energy Cost less any adjustments. | |
| Final Dispatch Energy Cost | The product of the Adjusted Dispatch Energy Cost and the Minutes Online, divided by Minutes Online plus Minutes Ramping. | |
| Dispatch Revenue | The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP. | |
| Regulation Opportunity Cost | The Regulation out of merit credit for the Trading Interval. | |
| Real-Time NCPC Dispatch Credit | Final Dispatch Energy Cost less Dispatch Revenue less Regulation Opportunity Cost. | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Dispatch Credit. | |
| | Reason | Description |

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SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | |
|--|---|--|-----------------|
| | 9 | Negative credit set to zero | |
| Final Real-Time NCPC Dispatch Credit | Final Real-Time NCPC Dispatch Credit less any adjustments. | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | |
| Participant Share of Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Credit based on the Ownership Share of the asset. | | |
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA | | |
| NCPC Dispatch Credit Type | The reason the asset was dispatched, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA• MGE | | |
| Initial Start-Up Cost | The calculated Start-Up Cost apportioned to the Trading Interval prior to any Hourly Start-Up Cost adjustments. | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Hourly Start-Up cost. | | |
| | Reason | Description | |
| | 10 | Adjustment for existing Day-Ahead Cleared MW | |
| RT NCPC Generator Credit Class | The RT NCPC Generator Credit Class indicates the type of generator and the applicable credit calculation logic. | | |
| | Subsequent fields labeled Fast Start or Non Fast Start will be populated based on this indicator. | | |
| | Credit Class | Generator Type | Field Populated |
| | FS | Fast Start | Fast Start |
| | NFS | Non-Fast Start | Non-Fast Start |
| | FDDG | Flexible DDG | Fast Start |
| | NFDDG | Non-Flexible DDG | Non-Fast Start |
| | NDINTHY | Non-Dispatchable Intermittent Hydro | Non-Fast Start |

SD_RTNCPCPYMT – Real-Time Net Commitment Period Compensation Payment Report – *RETIRED*
SD_RTNCPCPYMT_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--------------------------------------|--|--------|-------------|---|--|
| | <p>Columns labeled Fast Start or Non-Fast Start will be populated based on this indicator as follows:</p> <ul style="list-style-type: none"> FS and FDDG classes will be included in the Fast Start columns. NFS, NFDDG and NDINTHY classes will be included in the Non-Fast Start columns. <p>This column will contain a NULL value for settlements prior to May 25, 2016 and will be populated for all settlements and resettlements starting with May 25, 2016.</p> | | | | |
| External Node Credits Section | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. | | | | |
| External Node ID | Numerical identifier for the External Node. | | | | |
| External Node Name | Name of the External Node. | | | | |
| Resource Type | The description of the transaction at the External Node. (PURCHASE, SALE) | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | |
| Hourly Offer/Bid | The product of the Real-Time scheduled MW and the External Transaction offer or bid. | | | | |
| Hourly Revenue/Cost | The product of the Real-Time scheduled MW and the Real-Time LMP. | | | | |
| Hourly Adjustment Code(s) | <p>Code identifier providing a reason for the adjustments to the Hourly Offer/Bid or Hourly Revenue/Cost.</p> <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>8</td><td>External transaction adjustment for Day-Ahead cleared MW</td></tr> </table> | Reason | Description | 8 | External transaction adjustment for Day-Ahead cleared MW |
| Reason | Description | | | | |
| 8 | External transaction adjustment for Day-Ahead cleared MW | | | | |
| Final Hourly Offer/Bid | The Hourly Offer/Bid less any adjustments. | | | | |
| Final Hourly Revenue/Cost | The Hourly Revenue/Cost less any adjustments. | | | | |
| NCPC Credit | For Resource Type = PURCHASE, Final Hourly Offer/Bid – Final Hourly Revenue/Cost. For Resource Type = SALE, Final Hourly Revenue/Cost – Final Hourly Offer/Bid. | | | | |
| NCPC Credit Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the NCPC Credit.</p> <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments. | | | | |
| NCPC Type | <p>The reason the External Transaction was committed, as follows:</p> <ul style="list-style-type: none"> Economic LSCPR | | | | |

| SD_RTNCPCPYMT Change Summary | Effective Date |
|---|-----------------------|
| Retired. This report will be issued for any settlement or resettlement of days through and including operating day 02.28.2017, after which it will be replaced by the SD_RTNCPCPYMT5MIN and SD_RTNCPCPYMTHR reports. | 03.01.2017 |
| Modified. In the “Settlement Period Summary Section”: modified description of “Non-Fast Start Generator MRT Credit” and “Non-Fast Start Generator Post MRT Credit”. In the “Generator Credits Section”: modified description of “Fast Start Generator”, “No Load Cost Adjustment Code(s)”, “Energy Cost for Commitment MW Adjustment Code(s)”, “Non-Fast Start Generator Apportioned Ramp Revenue”, “Non-Fast Start Generator Commitment Period ID”, “Non-Fast Start Generator MRT Trading Interval”, “Non-Fast Start Generator MRT Cost for Commitment Period”, “Non-Fast Start Generator MRT Revenue for Commitment Period”, “Non-Fast Start Generator MRT Credit for Commitment Period”, “Non-Fast Start Generator MRT Credit for Commitment Period Adjustment Code(s)”, “Non-Fast Start Generator Final MRT Credit for Commitment Period”, “Non-Fast Start Generator Hourly Net Revenue for MRT Trading Intervals”, “Non-Fast Start Generator Negative Net Revenue for MRT Trading Intervals”, “Non-Fast Start Generator Total Negative Net Revenue for Commitment Period”, “Non-Fast Start Generator Hourly MRT Credit”, “Non-Fast Start Generator Hourly Net Revenue for Post MRT Trading Intervals”, “Non-Fast Start Generator Post MRT Credit Accumulated Net Revenue”, “Non-Fast Start Generator Post MRT Credit Maximum Accumulated Net Revenue”, “Non-Fast Start Generator Post MRT Credit”, “Non-Fast Start Generator Negative Net Revenue for Post MRT Trading Intervals”, “Non-Fast Start Generator Total Negative Net Revenue for Post MRT”, “Non-Fast Start Generator Hourly Post MRT Credit”, “Fast Start Generator Real-Time NCPC Commitment Credit”, and “Fast Start Generator Real-Time NCPC Commitment Credit Adjustment Code(s)”; added new column “RT NCPC Generator Credit Class”. | 05.25.2016 |
| Modified. In the “Generator Credits Section”: modified description of “Final Start-Up Cost” column; added new columns “Initial Start-Up Cost” and “Start-Up Cost Adjustment Code(s)”. | 02.03.2016 |
| New | 12.03.2014 |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|----------------------------------|---|--------------|----------------|----|--|-----|----------------|------|--------------|-------|------------------|-----|-----------------------|
| Generator Credits Section | | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | |
| RT NCPC Generator Credit Class | The RT NCPC Generator Credit Class indicates the type of generator. <table><tr><td>Credit Class</td><td>Generator Type</td></tr><tr><td>FS</td><td>Fast Start</td></tr><tr><td>NFS</td><td>Non-Fast Start</td></tr><tr><td>FDDG</td><td>Flexible DDG</td></tr><tr><td>NFDDG</td><td>Non-Flexible DDG</td></tr><tr><td>ESD</td><td>Energy Storage Device</td></tr></table> | Credit Class | Generator Type | FS | Fast Start | NFS | Non-Fast Start | FDDG | Flexible DDG | NFDDG | Non-Flexible DDG | ESD | Energy Storage Device |
| Credit Class | Generator Type | | | | | | | | | | | | |
| FS | Fast Start | | | | | | | | | | | | |
| NFS | Non-Fast Start | | | | | | | | | | | | |
| FDDG | Flexible DDG | | | | | | | | | | | | |
| NFDDG | Non-Flexible DDG | | | | | | | | | | | | |
| ESD | Energy Storage Device | | | | | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Mitigation Type | The type of mitigation, if applicable, as follows: <ul style="list-style-type: none">• Commitment• Energy | | | | | | | | | | | | |
| Five-Minute Start-Up Cost | The calculated Start-Up Cost apportioned to the five-minute interval. | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Five-Minute Start-Up Cost. <table><tr><td>Reason</td><td>Description</td></tr><tr><td>10</td><td>Adjustment for existing Day-Ahead Cleared MW</td></tr></table> | Reason | Description | 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | |
| Reason | Description | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | | | | | |
| Final Five-Minute Start-Up Cost | The Five-Minute Start-Up Cost less any adjustments. | | | | | | | | | | | | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|---|--|--------|-------------|---|---|---|---|----|--|----|--|----|---|----|--|----|---|----|---|----|--|
| No Load Cost Ineligible Code | <div>Code identifier providing a reason for the ineligibility of the No Load Cost.<table><tr><th>Reason</th><th>Description</th></tr><tr><td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr><tr><td>8</td><td>No Load costs waived on Effective Offer for dispatch for Trading Interval</td></tr><tr><td>9</td><td>Self-Scheduled in Trading Interval</td></tr><tr><td>10</td><td>Self dispatched in Trading Interval</td></tr><tr><td>11</td><td>Generator is ramping in Trading Interval</td></tr><tr><td>12</td><td>No Load costs waived on Effective Offer for commitment in Trading Interval</td></tr><tr><td>13</td><td>No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr><tr><td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr><tr><td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr></table></div> | Reason | Description | 4 | Self-Scheduled in planned Start-Up Trading Interval | 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | 9 | Self-Scheduled in Trading Interval | 10 | Self dispatched in Trading Interval | 11 | Generator is ramping in Trading Interval | 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 10 | Self dispatched in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment No Load Cost | No Load Cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |
| No Load Cost Adjustment Code(s) | <div>Code identifier providing a reason for the adjustment to the No Load Cost.<table><tr><th>Reason</th><th>Description</th></tr><tr><td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr><tr><td>10</td><td>Adjustment for existing Day-Ahead Cleared MW.</td></tr></table></div> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | | | | | | | | | | | | | |
| Adjusted No Load Cost | Commitment No Load Cost less any adjustments. | | | | | | | | | | | | | | | | | | | | |
| Final Five-Minute No Load Cost | The Adjusted No Load Cost divided by 12. | | | | | | | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW Ineligible Code | <div>Code identifier providing a reason for the ineligibility to the Energy Cost for Commitment MW.<table><tr><th>Reason</th><th>Description</th></tr><tr><td>4</td><td>Self-Scheduled in planned start-up Trading Interval</td></tr><tr><td>9</td><td>Self-Scheduled in Trading Interval</td></tr><tr><td>11</td><td>Generator is ramping in Trading Interval</td></tr><tr><td>27</td><td>Generator has meter value of zero in the</td></tr></table></div> | Reason | Description | 4 | Self-Scheduled in planned start-up Trading Interval | 9 | Self-Scheduled in Trading Interval | 11 | Generator is ramping in Trading Interval | 27 | Generator has meter value of zero in the | | | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned start-up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the | | | | | | | | | | | | | | | | | | | | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 2

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | |
|--|--|--|
| | | Trading Interval |
| | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| Energy Cost for Commitment MW | The cost of the Eligible Quantity for Commitment Costs MW up to NCPC Economic Min, calculated using the Effective Offer for commitment. | |
| Energy Cost for Commitment MW Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW. | |
| | Reason | Description |
| | 1 | Commitment cost calculated using Effective Offer for dispatch |
| | 2 | Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment |
| | 4 | Ex-post mitigation |
| | 5 | Reversal of ex-ante mitigation |
| | 6 | Correction of ex-ante mitigation |
| | 10 | Adjustment for existing Day-Ahead Cleared MW. |
| Adjusted Energy Cost for Commitment MW | Energy Cost for Commitment MW less any adjustments. | |
| Final Five-Minute Energy Cost for Commitment MW | The Adjusted Energy Cost for Commitment MW divided by 12. | |
| Energy Cost for Economic Dispatch MW Ineligible Code | Code identifier providing a reason for the ineligibility to the Energy Cost for Economic Dispatch MW. | |
| | Reason | Description |
| | 11 | Generator is ramping in Trading Interval |
| | 27 | Generator has meter value of zero in the Trading Interval |
| | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| | 31 | Generator was not dispatched above commitment MWs |
| | 52 | Generator was not committed by the ISO |
| Energy Cost for Economic Dispatch MW | The energy cost of the Eligible Quantity for Commitment Costs MW, dispatched between the NCPC Economic Min and the Economic Dispatch Point, calculated using the Effective Offer for dispatch. | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|--|--------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| Energy Cost for Economic Dispatch MW Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Energy Cost for Economic Dispatch MW. <table><tr><th>Reason</th><th>Description</th></tr><tr><td>4</td><td>Ex-post mitigation</td></tr><tr><td>5</td><td>Reversal of ex-ante mitigation</td></tr><tr><td>6</td><td>Correction of ex-ante mitigation</td></tr></table> | Reason | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Reason | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Adjusted Energy Cost for Economic Dispatch MW | Energy Cost for Economic Dispatch MW less any adjustments. | | | | | | | | |
| Final Five-Minute Energy Cost for Economic Dispatch MW | The Adjusted Energy Cost for Economic Dispatch MW divided by 12. | | | | | | | | |
| Commitment Cost | The sum of Final Five-Minute Start-Up Cost, Final Five-Minute No Load Cost, Final Five-Minute Energy Cost for Commitment MW, and Final Five-Minute Energy Cost for Economic Dispatch MW. | | | | | | | | |
| Commitment Revenue | The product of the Eligible Quantity for Commitment Revenue and the Real-Time LMP, divided by 12. | | | | | | | | |
| Real-Time NCPC Dispatch Excess Revenue | Maximum of Dispatch Revenue plus Regulation Opportunity Cost less Final Dispatch Energy Cost, or zero. | | | | | | | | |
| Apportioned Ramp Revenue | Commitment Revenue for Trading Intervals while ramping from an offline state that is apportioned to the minimum run time hours. | | | | | | | | |
| Final Commitment Revenue | The sum of the Commitment Revenue, Real-Time NCPC Dispatch Excess Revenue, and Apportioned Ramp Revenue. | | | | | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | | | | | |
| Commitment Period ID | Identifies the Commitment Period in which the Trading Interval is included, for the purposes of calculating Commitment Period costs, revenue, and credits. | | | | | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum run time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Revenue for Period | The sum of the Final Commitment Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the MRT Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Credit for Period | MRT Cost for Period less MRT Revenue for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch | | | | | | | | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| | Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Period less any adjustments. | | | | |
| Net Revenue for MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Revenue for MRT Trading Intervals | The Net Revenue for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Period | The sum of the Negative Net Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Revenue for the Period. | | | | |
| Net Revenue for Post MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Post MRT Credit Accumulated Net Revenue | The accumulating Net Revenue for Post MRT Trading Intervals. | | | | |
| Post MRT Credit Maximum Accumulated Net Revenue | The maximum Post MRT Credit Accumulated Net Revenue. If value is negative, it is set to zero. | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Revenue less the Post MRT Credit Accumulated Net Revenue for the last Trading Interval in the post MRT period. | | | | |
| Negative Net Revenue for Post MRT Trading Intervals | The Net Revenue for Post MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Post MRT | The sum of the Negative Net Revenue for Post MRT Trading Intervals. | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Revenue for Post MRT. | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|--|--|--------|-------------|----|--|----|--|----|---|----|--|----|----------------------------|
| Dispatch Energy Cost Ineligible Code | Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>14</td><td>Generator was not dispatched above Economic Dispatch Point in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>32</td><td>Generator is on regulation</td></tr> </table> | Reason | Description | 11 | Generator is ramping in Trading Interval | 14 | Generator was not dispatched above Economic Dispatch Point in Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | 32 | Generator is on regulation |
| Reason | Description | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | |
| 14 | Generator was not dispatched above Economic Dispatch Point in Trading Interval | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | |
| 32 | Generator is on regulation | | | | | | | | | | | | |
| Dispatch Energy Cost | The cost of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. | | | | | | | | | | | | |
| Dispatch Energy Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Dispatch Energy Cost <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | |
| Reason | Description | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Adjusted Dispatch Energy Cost | Dispatch Energy Cost less any adjustments. | | | | | | | | | | | | |
| Final Dispatch Energy Cost | The Adjusted Dispatch Energy Cost divided by 12. | | | | | | | | | | | | |
| Dispatch Revenue | The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP divided by 12. | | | | | | | | | | | | |
| Regulation Opportunity Cost | This value will be reported as NULL. | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit | The credit reflects Final Dispatch Energy Cost less Dispatch Revenue | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero | | | | | | | | |
| Reason | Description | | | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | | | | | | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | | | | | | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | | | | | | | | | |
| Participant Share of Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Credit based on the Ownership Share of the asset. | | | | | | | | | | | | |
| Participant Share of Rapid Response Pricing Opportunity Cost NCPC Credit | Participant's share of the Rapid Response Pricing Opportunity Cost NCPC Credit based on the Ownership Share of the asset. | | | | | | | | | | | | |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|---|
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA |
| NCPC Dispatch Credit Type | The reason the asset was dispatched, as follows: <ul style="list-style-type: none">• Economic• LSCPR• LV VAR• HV VAR• LSCPR/LV VAR• LSCPR/HV VAR• SCR• GPA• MGE |
| External Node Credits Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. |
| External Node ID | Numerical identifier for the External Node. |
| External Node Name | Name of the External Node. |
| Resource Type | The description of the transaction at the External Node. (PURCHASE, SALE) |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Offer/Bid | The product of the Real-Time scheduled MW and the External Transaction offer or bid. |
| Revenue/Cost | The product of the Real-Time scheduled MW and the Real-Time LMP. |

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment**Report – Rev 2**

SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--------------------|--|--------|-------------|---|--|
| Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Offer/Bid or Revenue/Cost. <table><tr><td>Reason</td><td>Description</td></tr><tr><td>8</td><td>External transaction adjustment for Day-Ahead cleared MW</td></tr></table> | Reason | Description | 8 | External transaction adjustment for Day-Ahead cleared MW |
| Reason | Description | | | | |
| 8 | External transaction adjustment for Day-Ahead cleared MW | | | | |
| Final Offer/Bid | The Offer/Bid less any adjustments divided by 12. | | | | |
| Final Revenue/Cost | The Revenue/Cost less any adjustments divided by 12. | | | | |

| SD_RTNCPCPYMT5MIN Change Summary | Effective Date |
|--|----------------|
| Modified. Modified description of “RT NCPC Generator Credit Class”. | 03.31.2019 |
| Modified. Modified description of “RT NCPC Generator Credit Class”, “Energy Cost for Economic Dispatch MW Ineligible Code”, “Dispatch Energy Cost Ineligible Code”, “Regulation Opportunity Cost” and “Real-Time NCPC Dispatch Credit”. | 03.31.2019 |
| New. | 03.01.2017 |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|----------------------------------|---|--------------|----------------|----|--|-----|----------------|------|--------------|-------|------------------|-----|-----------------------|
| Generator Credits Section | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | |
| RT NCPC Generator Credit Class | <p>The RT NCPC Generator Credit Class indicates the type of generator.</p> <table> <tr> <th>Credit Class</th><th>Generator Type</th></tr> <tr> <td>FS</td><td>Fast Start</td></tr> <tr> <td>NFS</td><td>Non-Fast Start</td></tr> <tr> <td>FDDG</td><td>Flexible DDG</td></tr> <tr> <td>NFDDG</td><td>Non-Flexible DDG</td></tr> <tr> <td>ESD</td><td>Energy Storage Device</td></tr> </table> | Credit Class | Generator Type | FS | Fast Start | NFS | Non-Fast Start | FDDG | Flexible DDG | NFDDG | Non-Flexible DDG | ESD | Energy Storage Device |
| Credit Class | Generator Type | | | | | | | | | | | | |
| FS | Fast Start | | | | | | | | | | | | |
| NFS | Non-Fast Start | | | | | | | | | | | | |
| FDDG | Flexible DDG | | | | | | | | | | | | |
| NFDDG | Non-Flexible DDG | | | | | | | | | | | | |
| ESD | Energy Storage Device | | | | | | | | | | | | |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) | | | | | | | | | | | | |
| Mitigation Type | <p>The type of mitigation, if applicable, as follows:</p> <ul style="list-style-type: none"> • Commitment • Energy | | | | | | | | | | | | |
| Five-Minute Start-Up Cost | The calculated Start-Up Cost apportioned to the five-minute interval. | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Five-Minute Start-Up Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW</td></tr> </table> | Reason | Description | 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | |
| Reason | Description | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW | | | | | | | | | | | | |
| Final Five-Minute Start-Up Cost | The Five-Minute Start-Up Cost less any adjustments. | | | | | | | | | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|---|--|--------|-------------|---|---|---|---|----|--|----|--|----|---|----|--|----|---|----|---|----|--|
| No Load Cost Ineligible Code | <p>Code identifier providing a reason for the ineligibility of the No Load Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr> <tr> <td>8</td><td>No Load costs waived on Effective Offer for dispatch for Trading Interval</td></tr> <tr> <td>9</td><td>Self-Scheduled in Trading Interval</td></tr> <tr> <td>10</td><td>Self dispatched in Trading Interval</td></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>12</td><td>No Load costs waived on Effective Offer for commitment in Trading Interval</td></tr> <tr> <td>13</td><td>No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> </table> | Reason | Description | 4 | Self-Scheduled in planned Start-Up Trading Interval | 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | 9 | Self-Scheduled in Trading Interval | 10 | Self dispatched in Trading Interval | 11 | Generator is ramping in Trading Interval | 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 8 | No Load costs waived on Effective Offer for dispatch for Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 10 | Self dispatched in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 12 | No Load costs waived on Effective Offer for commitment in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 13 | No Load costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment No Load Cost | No Load Cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |
| No Load Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the No Load Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW.</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | | | | | | | | | | | | | |
| Adjusted No Load Cost | Commitment No Load Cost less any adjustments. | | | | | | | | | | | | | | | | | | | | |
| Final Five-Minute No Load Cost | The Adjusted No Load Cost divided by 12. | | | | | | | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW Ineligible Code | <p>Code identifier providing a reason for the ineligibility to the Energy Cost for Commitment MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Self-Scheduled in planned start-up Trading Interval</td></tr> <tr> <td>9</td><td>Self-Scheduled in Trading Interval</td></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the</td></tr> </table> | Reason | Description | 4 | Self-Scheduled in planned start-up Trading Interval | 9 | Self-Scheduled in Trading Interval | 11 | Generator is ramping in Trading Interval | 27 | Generator has meter value of zero in the | | | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned start-up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 9 | Self-Scheduled in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the | | | | | | | | | | | | | | | | | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|--|--|--------|------------------|----|--|----|--|----|--|----|---|----|--|----|---|
| | <table> <tr> <td></td><td>Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> </table> | | Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | |
| | Trading Interval | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW | The cost of the Eligible Quantity for Commitment Costs MW up to NCPC Economic Min, calculated using the Effective Offer for commitment. | | | | | | | | | | | | | | |
| Energy Cost for Commitment MW Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>2</td><td>Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> <tr> <td>10</td><td>Adjustment for existing Day-Ahead Cleared MW.</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 2 | Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | 10 | Adjustment for existing Day-Ahead Cleared MW. |
| Reason | Description | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | |
| 2 | Commitment cost calculated using price for Economic Min MW from Effective Offer for commitment | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | |
| 10 | Adjustment for existing Day-Ahead Cleared MW. | | | | | | | | | | | | | | |
| Adjusted Energy Cost for Commitment MW | Energy Cost for Commitment MW less any adjustments. | | | | | | | | | | | | | | |
| Final Five-Minute Energy Cost for Commitment MW | The Adjusted Energy Cost for Commitment MW divided by 12. | | | | | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW Ineligible Code | <p>Code identifier providing a reason for the ineligibility to the Energy Cost for Economic Dispatch MW.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>31</td><td>Generator was not dispatched above commitment MWs</td></tr> <tr> <td>52</td><td>Generator was not committed by the ISO</td></tr> </table> | Reason | Description | 11 | Generator is ramping in Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | 31 | Generator was not dispatched above commitment MWs | 52 | Generator was not committed by the ISO | | |
| Reason | Description | | | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | | | |
| 31 | Generator was not dispatched above commitment MWs | | | | | | | | | | | | | | |
| 52 | Generator was not committed by the ISO | | | | | | | | | | | | | | |
| Energy Cost for Economic Dispatch MW | The energy cost of the Eligible Quantity for Commitment Costs MW, dispatched between the NCPC Economic Min and the Economic Dispatch Point, calculated using the Effective Offer for dispatch. | | | | | | | | | | | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | |
|---|--|--------|-------------|---|--------------------|---|--------------------------------|---|----------------------------------|
| Energy Cost for Economic Dispatch MW Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Energy Cost for Economic Dispatch MW. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation |
| Reason | Description | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | |
| Adjusted Energy Cost for Economic Dispatch MW | Energy Cost for Economic Dispatch MW less any adjustments. | | | | | | | | |
| Final Five-Minute Energy Cost for Economic Dispatch MW | The Adjusted Energy Cost for Economic Dispatch MW divided by 12. | | | | | | | | |
| Commitment Cost | The sum of Final Five-Minute Start-Up Cost, Final Five-Minute No Load Cost, Final Five-Minute Energy Cost for Commitment MW, and Final Five-Minute Energy Cost for Economic Dispatch MW. | | | | | | | | |
| Commitment Revenue | The product of the Eligible Quantity for Commitment Revenue and the Real-Time LMP, divided by 12. | | | | | | | | |
| Real-Time NCPC Dispatch Excess Revenue | Maximum of Dispatch Revenue plus Regulation Opportunity Cost less Final Dispatch Energy Cost, or zero. | | | | | | | | |
| Apportioned Ramp Revenue | Commitment Revenue for Trading Intervals while ramping from an offline state that is apportioned to the minimum run time hours. | | | | | | | | |
| Final Commitment Revenue | The sum of the Commitment Revenue, Real-Time NCPC Dispatch Excess Revenue, and Apportioned Ramp Revenue. | | | | | | | | |
| Rapid Response Pricing Opportunity Cost Credit | The Rapid Response Pricing Opportunity Cost Credit for the five-minute interval. | | | | | | | | |
| Dispatch Lost Opportunity Cost Credit | The Dispatch Lost Opportunity Cost Credit for the five-minute interval. | | | | | | | | |
| Commitment Period ID | Identifies the Commitment Period in which the Trading Interval is included, for the purposes of calculating Commitment Period costs, revenue, and credits. | | | | | | | | |
| MRT Trading Interval | Indicates if the Trading Interval was part of the minimum run time. (Y/N). Subsequent columns labeled MRT or post MRT will be populated based on this indicator. | | | | | | | | |
| MRT Cost for Period | The sum of the Commitment Cost for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Revenue for Period | The sum of the Final Commitment Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Rapid Response Pricing Opportunity Cost Credit for Period | The sum of the Rapid Response Pricing Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Dispatch Lost Opportunity Cost Credit for Period | The sum of the MRT Dispatch Lost Opportunity Cost Credit for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | | | | | |
| MRT Credit for Period | MRT Cost for Period less MRT Revenue for Period less MRT Rapid Response Pricing Opportunity Cost Credit for Period less MRT Dispatch | | | | | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|---|--|--------|-------------|---|-----------------------------|
| | Lost Opportunity Cost Credit for Period. | | | | |
| MRT Credit for Period Adjustment Code(s) | Code identifier providing a reason for the adjustment to the MRT Credit for Period. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final MRT Credit for Period | MRT Credit for Period less any adjustments. | | | | |
| Net Revenue for MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Negative Net Revenue for MRT Trading Intervals | The Net Revenue for MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Period | The sum of the Negative Net Revenue for MRT Trading Intervals for the Commitment Period or Settlement Period. | | | | |
| MRT Credit | The Final MRT Credit for Period, allocated to the Trading Interval pro-rata on Negative Net Revenue for the Period. | | | | |
| Net Revenue for Post MRT Trading Intervals | The Final Commitment Revenue plus Rapid Response Pricing Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit less the Commitment Cost. | | | | |
| Post MRT Credit Accumulated Net Revenue | The accumulating Net Revenue for Post MRT Trading Intervals. | | | | |
| Post MRT Credit Maximum Accumulated Net Revenue | The maximum Post MRT Credit Accumulated Net Revenue. If value is negative, it is set to zero. | | | | |
| Total Post MRT Credit | The Post MRT Credit Maximum Accumulated Net Revenue less the Post MRT Credit Accumulated Net Revenue for the last Trading Interval in the post MRT period. | | | | |
| Negative Net Revenue for Post MRT Trading Intervals | The Net Revenue for Post MRT Trading Intervals that is negative. | | | | |
| Total Negative Net Revenue for Post MRT | The sum of the Negative Net Revenue for Post MRT Trading Intervals. | | | | |
| Post MRT Credit | The Post MRT Credit, allocated to the Trading Interval pro-rata on Negative Net Revenue for Post MRT. | | | | |
| Real-Time NCPC Commitment Credit | The sum of the MRT Credit and the Post MRT Credit. | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|---|---|--------|-------------|----|--|----|--|----|---|----|--|----|----------------------------|
| Dispatch Energy Cost Ineligible Code | <p>Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>11</td><td>Generator is ramping in Trading Interval</td></tr> <tr> <td>14</td><td>Generator was not dispatched above Economic Dispatch Point in Trading Interval</td></tr> <tr> <td>27</td><td>Generator has meter value of zero in the Trading Interval</td></tr> <tr> <td>28</td><td>Generator is performing a participant audit or owner testing in the Trading Interval</td></tr> <tr> <td>32</td><td>Generator is on regulation</td></tr> </table> | Reason | Description | 11 | Generator is ramping in Trading Interval | 14 | Generator was not dispatched above Economic Dispatch Point in Trading Interval | 27 | Generator has meter value of zero in the Trading Interval | 28 | Generator is performing a participant audit or owner testing in the Trading Interval | 32 | Generator is on regulation |
| Reason | Description | | | | | | | | | | | | |
| 11 | Generator is ramping in Trading Interval | | | | | | | | | | | | |
| 14 | Generator was not dispatched above Economic Dispatch Point in Trading Interval | | | | | | | | | | | | |
| 27 | Generator has meter value of zero in the Trading Interval | | | | | | | | | | | | |
| 28 | Generator is performing a participant audit or owner testing in the Trading Interval | | | | | | | | | | | | |
| 32 | Generator is on regulation | | | | | | | | | | | | |
| Dispatch Energy Cost | The cost of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch. | | | | | | | | | | | | |
| Dispatch Energy Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Dispatch Energy Cost</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | |
| Reason | Description | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | |
| Adjusted Dispatch Energy Cost | Dispatch Energy Cost less any adjustments. | | | | | | | | | | | | |
| Final Dispatch Energy Cost | The Adjusted Dispatch Energy Cost divided by 12. | | | | | | | | | | | | |
| Dispatch Revenue | The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP divided by 12. | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit | Final Dispatch Energy Cost less Dispatch Revenue. | | | | | | | | | | | | |
| Real-Time NCPC Dispatch Credit Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Real-Time NCPC Dispatch Credit.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero | | | | | | | | |
| Reason | Description | | | | | | | | | | | | |
| 9 | Negative credit set to zero | | | | | | | | | | | | |
| Final Real-Time NCPC Dispatch Credit | Real-Time NCPC Dispatch Credit less any adjustments. | | | | | | | | | | | | |
| Real-Time NCPC Credit | The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit. | | | | | | | | | | | | |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. | | | | | | | | | | | | |
| Subaccount Share of Real-Time NCPC Credit | Subaccount share of the Real-Time NCPC Credit based on the Ownership Share of the asset. | | | | | | | | | | | | |
| Subaccount Share of Rapid Response Pricing Opportunity Cost NCPC Credit | Subaccount share of the Rapid Response Pricing Opportunity Cost NCPC Credit based on the Ownership Share of the asset. | | | | | | | | | | | | |
| NCPC Commitment Credit Type | The reason the asset was committed, as follows: | | | | | | | | | | | | |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|--|
| | <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR • GPA |
| NCPC Dispatch Credit Type | <p>The reason the asset was dispatched, as follows:</p> <ul style="list-style-type: none"> • Economic • LSCPR • LV VAR • HV VAR • LSCPR/LV VAR • LSCPR/HV VAR • SCR • GPA • MGE |
| External Node Credits Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. |
| External Node ID | Numerical identifier for the External Node. |
| External Node Name | Name of the External Node. |
| Resource Type | The description of the transaction at the External Node. (PURCHASE, SALE) |
| Offer/Bid | The product of the Real-Time scheduled MW and the External Transaction offer or bid. |
| Revenue/Cost | The product of the Real-Time scheduled MW and the Real-Time LMP. |

SD_RTNCPCPYMT5MINSUB – Real-Time Net Commitment Period Compensation Five Minute Payment Subaccount Report – Rev 0

SD_RTNCPCPYMT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--------------------|---|--------|-------------|---|--|
| Adjustment Code(s) | Code identifier providing a reason for the adjustments to the Offer/Bid or Revenue/Cost. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>8</td><td>External transaction adjustment for Day-Ahead cleared MW</td></tr> </table> | Reason | Description | 8 | External transaction adjustment for Day-Ahead cleared MW |
| Reason | Description | | | | |
| 8 | External transaction adjustment for Day-Ahead cleared MW | | | | |
| Final Offer/Bid | The Offer/Bid less any adjustments divided by 12. | | | | |
| Final Revenue/Cost | The Revenue/Cost less any adjustments divided by 12. | | | | |

| SD_RTNCPCPYMT5MINSUB Change Summary | Effective Date |
|-------------------------------------|----------------|
| New. | 06.01.2021 |

| SD_RTNCPCPYMTHR – Real-Time Net Commitment Period Compensation Payment Report – Rev 0 | |
|---|---|
| SD_RTNCPCPYMTHR_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Daily | |
| REPORT COLUMN | DESCRIPTION |
| Settlement Period Summary Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. |
| Post MRT Credit | The sum of the Post MRT Credits for the Settlement Period. |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Participant Share Real-Time NCPC Credit | Participant's share of the Real-Time NCPC Asset Credit, for the Settlement Period, based on the Ownership Share of the asset. |
| Start-Up Amortization Summary Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Start-Up Amortization Begin Date | The date/time of the beginning of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) |
| Start-Up Amortization End Date | The date/time of the end of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) |

SD_RTNCPCPYMTHR – Real-Time Net Commitment Period Compensation Payment Report – Rev 0
SD_RTNCPCPYMTHR_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|--|---|--------|-------------|---|--|---|--|---|--|---|---|---|---|---|--|----|--|----|--|----|---|
| Start-Up Cost Ineligible Code | Code identifier providing a reason for the ineligibility of the Start-Up Cost. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval</td></tr> <tr> <td>2</td><td>Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr> <tr> <td>3</td><td>Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval</td></tr> <tr> <td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr> <tr> <td>5</td><td>Self-Scheduled in Start-Up Trading Interval</td></tr> <tr> <td>6</td><td>Self dispatched in Start-Up Trading Interval</td></tr> <tr> <td>15</td><td>Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator</td></tr> <tr> <td>16</td><td>Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval</td></tr> <tr> <td>26</td><td>Generator is performing a participant audit or owner testing in the Start-Up Trading Interval</td></tr> </table> | Reason | Description | 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | 4 | Self-Scheduled in planned Start-Up Trading Interval | 5 | Self-Scheduled in Start-Up Trading Interval | 6 | Self dispatched in Start-Up Trading Interval | 15 | Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator | 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 5 | Self-Scheduled in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 6 | Self dispatched in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 15 | Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator | | | | | | | | | | | | | | | | | | | | |
| 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment Start-Up Cost | The Start-Up cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | Code identifier providing a reason for the adjustment to the Start-Up Cost. <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>3</td><td>Start-Up cost adjustment for late start</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 3 | Start-Up cost adjustment for late start | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-Up cost adjustment for late start | | | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| Adjusted Start-Up Cost | Commitment Start-Up Cost less any adjustments. | | | | | | | | | | | | | | | | | | | | |
| Total Start-Up Amortization Period Intervals | Total five-minute intervals in the Start-Up amortization period used to calculate the Five-Minute Start-Up Cost. | | | | | | | | | | | | | | | | | | | | |
| Five-Minute Start-Up Cost | Adjusted Start-Up Cost divided by Total Start-Up Amortization Period Intervals. | | | | | | | | | | | | | | | | | | | | |
| Generator Credits Section | | | | | | | | | | | | | | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | | | | | | | | | | | | | | | | | |
| Asset ID | Numerical identifier for the asset. | | | | | | | | | | | | | | | | | | | | |
| Asset Name | Name of the asset. | | | | | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | | | | | | | | | | | | | | | | | |

SD_RTNCPCPYMTHR – Real-Time Net Commitment Period Compensation Payment Report – Rev 0
SD_RTNCPCPYMTHR_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Commitment Real-Time Economic NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = Economic. |
| Commitment Real-Time LSCPR NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = LSCPR or, as applicable, type =LSCPR/LV VAR or LSCPR/HV VAR. |
| Commitment Real-Time SCR NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = SCR. |
| Commitment Real-Time Generator Performance Audit NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = GPA. |
| Commitment Real-Time LV VAR NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = LV VAR or, as applicable, type =LSCPR/LV VAR. |
| Commitment Real-Time HV VAR NCPC Credit | The hourly total of the participant share of Real-Time NCPC Commitment Credits, type = HV VAR or, as applicable, type = LSCPR/HV VAR. |
| Dispatch Real-Time Minimum Generation Emergency NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = MGE. |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = Economic. |
| Dispatch Real-Time LSCPR NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = LSCPR or, as applicable, type =LSCPR/LV VAR or LSCPR/HV VAR. |
| Dispatch Real-Time SCR NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = SCR. |
| Dispatch Real-Time Generator Performance Audit NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = GPA. |
| Dispatch Real-Time LV VAR NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = LV VAR or, as applicable, type =LSCPR/LV VAR. |
| Dispatch Real-Time HV VAR NCPC Credit | The hourly total of the participant share of Final Real-Time NCPC Dispatch Credits, type = HV VAR or, as applicable, type = LSCPR/HV VAR. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the Participant Share of Rapid Response Pricing Opportunity Cost NCPC Credits. |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of the Participant Share of Dispatch LOC credits. |
| External Node Credits Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. |
| External Node ID | Numerical identifier for the External Node. |
| External Node Name | Name of the External Node. |
| Resource Type | The description of the transaction at the External Node. (PURCHASE, SALE) |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_RTNCPCPYMTHR – Real-Time Net Commitment Period Compensation Payment Report – Rev 0 | | | | | |
|---|--|--------|-------------|---|-----------------------------|
| SD_RTNCPCPYMTHR_<customer id>_<settlement date>_<version>.CSV | | | | | |
| <Customer Name> | | | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | | | |
| Availability: Daily | | | | | |
| REPORT COLUMN | DESCRIPTION | | | | |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. | | | | |
| Final Hourly Offer/Bid | The hourly total of the Final Offer/Bids. | | | | |
| Final Hourly Revenue/Cost | The hourly total of the Final Revenue/Costs. | | | | |
| NCPC Credit | For Resource Type = PURCHASE, Final Hourly Offer/Bid – Final Hourly Revenue/Cost. For Resource Type = SALE, Final Hourly Revenue/Cost – Final Hourly Offer/Bid. | | | | |
| NCPC Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments. | | | | |
| NCPC Type | The reason the External Transaction was committed, as follows: <ul style="list-style-type: none"> • Economic • LSCPR | | | | |

| SD_RTNCPCPYMTHR Change Summary | Effective Date |
|--------------------------------|----------------|
| New | 03.01.2017 |

SD_RTNCPCPYMTHRSUB – Real-Time Net Commitment Period Compensation Payment Subaccount Report – Rev 0

SD_RTNCPCPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Settlement Period Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Settlement Period Start | The date/time of the first five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Settlement Period End | The date/time of the last five-minute Trading Interval of the Settlement Period. (Date format MM/DD/YYYY hh:mm; hh:mm for intervals 00:00 - 23:55; the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| MRT Credit | The sum of the MRT Credits for the Settlement Period. |
| Post MRT Credit | The sum of the Post MRT Credits for the Settlement Period. |
| Real-Time NCPC Commitment Credit | The sum of the Real-Time NCPC Commitment Credits for the Settlement Period. |
| Real-Time NCPC Dispatch Credit | The sum of the Final Real-Time NCPC Dispatch Credits for the Settlement Period. |
| Real-Time NCPC Asset Credit | The sum of the Real-Time NCPC Commitment Credit and the Real-Time NCPC Dispatch Credit for the Settlement Period. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset. |
| Subaccount Share Real-Time NCPC Credit | Subaccount share of the Real-Time NCPC Asset Credit, for the Settlement Period, based on the Ownership Share of the asset. |
| Start-Up Amortization Summary Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Start-Up Amortization Begin Date | The date/time of the beginning of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) |
| Start-Up Amortization End Date | The date/time of the end of the Start-Up amortization period. (Date format MM/DD/YYYY hh:mm; hh:mm for 00:00 - 23:59; the long day extra hour = hh:mmX, the short day removes 01:00 to 01:59.) |

SD_RTNCPCPYMTHRSUB – Real-Time Net Commitment Period Compensation Payment Subaccount Report – Rev 0

SD_RTNCPCPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | |
|--|--|--------|-------------|---|--|---|--|---|--|---|---|---|---|---|--|----|--|----|--|----|---|
| Start-Up Cost Ineligible Code | <p>Code identifier providing a reason for the ineligibility of the Start-Up Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval</td></tr> <tr> <td>2</td><td>Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval</td></tr> <tr> <td>3</td><td>Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval</td></tr> <tr> <td>4</td><td>Self-Scheduled in planned Start-Up Trading Interval</td></tr> <tr> <td>5</td><td>Self-Scheduled in Start-Up Trading Interval</td></tr> <tr> <td>6</td><td>Self dispatched in Start-Up Trading Interval</td></tr> <tr> <td>15</td><td>Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator</td></tr> <tr> <td>16</td><td>Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval</td></tr> <tr> <td>26</td><td>Generator is performing a participant audit or owner testing in the Start-Up Trading Interval</td></tr> </table> | Reason | Description | 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | 4 | Self-Scheduled in planned Start-Up Trading Interval | 5 | Self-Scheduled in Start-Up Trading Interval | 6 | Self dispatched in Start-Up Trading Interval | 15 | Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator | 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Start-Up costs waived on Effective Offer for commitment in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 2 | Start-Up costs waived on Effective Offer for commitment in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-Up costs waived on Effective Offer for dispatch in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 4 | Self-Scheduled in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 5 | Self-Scheduled in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 6 | Self dispatched in Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 15 | Start-Up costs waived on Effective Offer for dispatch for Fast Start Generator | | | | | | | | | | | | | | | | | | | | |
| 16 | Start-Up costs waived on Effective Offer for dispatch in planned Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| 26 | Generator is performing a participant audit or owner testing in the Start-Up Trading Interval | | | | | | | | | | | | | | | | | | | | |
| Commitment Start-Up Cost | The Start-Up cost from the Effective Offer for commitment. | | | | | | | | | | | | | | | | | | | | |
| Start-Up Cost Adjustment Code(s) | <p>Code identifier providing a reason for the adjustment to the Start-Up Cost.</p> <table> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>1</td><td>Commitment cost calculated using Effective Offer for dispatch</td></tr> <tr> <td>3</td><td>Start-Up cost adjustment for late start</td></tr> <tr> <td>4</td><td>Ex-post mitigation</td></tr> <tr> <td>5</td><td>Reversal of ex-ante mitigation</td></tr> <tr> <td>6</td><td>Correction of ex-ante mitigation</td></tr> </table> | Reason | Description | 1 | Commitment cost calculated using Effective Offer for dispatch | 3 | Start-Up cost adjustment for late start | 4 | Ex-post mitigation | 5 | Reversal of ex-ante mitigation | 6 | Correction of ex-ante mitigation | | | | | | | | |
| Reason | Description | | | | | | | | | | | | | | | | | | | | |
| 1 | Commitment cost calculated using Effective Offer for dispatch | | | | | | | | | | | | | | | | | | | | |
| 3 | Start-Up cost adjustment for late start | | | | | | | | | | | | | | | | | | | | |
| 4 | Ex-post mitigation | | | | | | | | | | | | | | | | | | | | |
| 5 | Reversal of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| 6 | Correction of ex-ante mitigation | | | | | | | | | | | | | | | | | | | | |
| Adjusted Start-Up Cost | Commitment Start-Up Cost less any adjustments. | | | | | | | | | | | | | | | | | | | | |
| Total Start-Up Amortization Period Intervals | Total five-minute intervals in the Start-Up amortization period used to calculate the Five-Minute Start-Up Cost. | | | | | | | | | | | | | | | | | | | | |
| Five-Minute Start-Up Cost | Adjusted Start-Up Cost divided by Total Start-Up Amortization Period Intervals. | | | | | | | | | | | | | | | | | | | | |
| Generator Credits Section | | | | | | | | | | | | | | | | | | | | | |
| Subaccount ID | The alpha numeric identifier for the subaccount | | | | | | | | | | | | | | | | | | | | |
| Subaccount Name | The name of the subaccount. | | | | | | | | | | | | | | | | | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, | | | | | | | | | | | | | | | | | | | | |

| SD_RTNCPCPYMTHRSUB – Real-Time Net Commitment Period Compensation Payment Subaccount Report – Rev 0 SD_RTNCPCPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| | the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Commitment Real-Time Economic NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = Economic. |
| Commitment Real-Time LSCPR NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = LSCPR or, as applicable, type =LSCPR/LV VAR or LSCPR/HV VAR. |
| Commitment Real-Time SCR NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = SCR. |
| Commitment Real-Time Generator Performance Audit NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = GPA. |
| Commitment Real-Time LV VAR NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = LV VAR or, as applicable, type =LSCPR/LV VAR. |
| Commitment Real-Time HV VAR NCPC Credit | The hourly total of the subaccount share of Real-Time NCPC Commitment Credits, type = HV VAR or, as applicable, type = LSCPR/HV VAR. |
| Dispatch Real-Time Minimum Generation Emergency NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = MGE. |
| Dispatch Real-Time Economic NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = Economic. |
| Dispatch Real-Time LSCPR NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = LSCPR or, as applicable, type =LSCPR/LV VAR or LSCPR/HV VAR. |
| Dispatch Real-Time SCR NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = SCR. |
| Dispatch Real-Time Generator Performance Audit NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = GPA. |
| Dispatch Real-Time LV VAR NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = LV VAR or, as applicable, type =LSCPR/LV VAR. |
| Dispatch Real-Time HV VAR NCPC Credit | The hourly total of the subaccount share of Final Real-Time NCPC Dispatch Credits, type = HV VAR or, as applicable, type = LSCPR/HV VAR. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | The hourly total of the subaccount share of Rapid Response Pricing Opportunity Cost NCPC Credits. |
| Dispatch Lost Opportunity Cost NCPC Credit | The hourly total of the subaccount share of Dispatch LOC credits. |
| External Node Credits Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |

SD_RTNCPCPYMTHRSUB – Real-Time Net Commitment Period Compensation Payment Subaccount Report – Rev 0

SD_RTNCPCPYMTHRSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION | | | | |
|--------------------------------|--|--------|-------------|---|-----------------------------|
| Subaccount Name | The name of the subaccount. | | | | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) | | | | |
| ISO-NE Schedule ID | An identifier associated with a scheduled External Transaction. | | | | |
| External Node ID | Numerical identifier for the External Node. | | | | |
| External Node Name | Name of the External Node. | | | | |
| Resource Type | The description of the transaction at the External Node. (PURCHASE, SALE) | | | | |
| Final Hourly Offer/Bid | The hourly total of the Final Offer/Bids. | | | | |
| Final Hourly Revenue/Cost | The hourly total of the Final Revenue/Costs. | | | | |
| NCPC Credit | For Resource Type = PURCHASE, Final Hourly Offer/Bid – Final Hourly Revenue/Cost. For Resource Type = SALE, Final Hourly Revenue/Cost – Final Hourly Offer/Bid. | | | | |
| NCPC Credit Adjustment Code(s) | Code identifier providing a reason for the adjustment to the NCPC Credit. <table border="1"> <tr> <th>Reason</th><th>Description</th></tr> <tr> <td>9</td><td>Negative credit set to zero</td></tr> </table> | Reason | Description | 9 | Negative credit set to zero |
| Reason | Description | | | | |
| 9 | Negative credit set to zero | | | | |
| Final NCPC Credit | NCPC Credit less any adjustments. | | | | |
| NCPC Type | The reason the External Transaction was committed, as follows: <ul style="list-style-type: none"> Economic LSCPR | | | | |

| SD_RTNCPCPYMTHRSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTNCPCREALLOCATE – Real-Time NCPC Positive Deviation Economic Charge Reallocation Details Report – Rev 0

SD_RTNCPCREALLOCATE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Load Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Load Zone ID | Numerical identifier for the Load Zone. |
| Load Zone Charge Reallocation Flag | Indicator that the load zone will be included in the Reallocation of Real-Time Economic NCPC charges. |
| Participant Load Zone Export Deviation MW | The total of the participant's Export Deviations for the load zone and trading interval. |
| Participant Load Zone Decrement Deviation MW | The total of the Participant's Decrement deviation MWs for the load zone and Trading Interval. |
| Participant Load Zone Exempt DARD Deviation MW | The total of the participant's Exempt DARD Deviation MWs for the load zone and Trading Interval. |
| Participant Load Zone Load Obligation Deviation MW | The total of the participant's Real-Time Load Obligation deviation for the load zone and Trading Interval. |
| Participant Load Zone Net Load and Export Deviation MW | The sum of the Participant Load Zone Export Deviation MW, Participant Load Zone Exempt DARD Deviation MW and Participant Load Zone Load Obligation Deviation MW for the load zone and Trading Interval. |
| Participant Load Zone Export RTLO MW | The total of the participant's Real-Time Load Obligation from Exports for the load zone and Trading Interval. |
| Participant Load Zone Exempt DARD RTLO MW | The sum of the participant's postured Dispatchable ARD for the load zone and Trading Interval. |
| Participant Load Zone RTLO MW | The total of the Participant's Real-Time Load Obligation for the load zone and Trading Interval. |
| Participant Load Zone Net Load and Export RTLO MW | The sum of the Participant Load Zone Export RTLO MW, Participant Load Zone Exempt DARD RTLO MW and Participant Load Zone RTLO MW for the load zone and Trading Interval |
| Hourly Economic Reallocation Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Participant Net Load and Export Deviation MW | The sum of the Participant Load Zone and Net Load and Export Deviation MW for all affected load zones. |
| Positive Participant Net Load and Export Deviation MW | Maximum of Participant Net Load and Export Deviation MW or zero. |
| Positive Participant Total Load and Export Deviation | Maximum of the total of the participant's Load Zone Net Load and Export Deviation MW for all zones or zero. |
| Positive Participant Deviation MW for Reallocation | The minimum of Positive Participant Net Load and Export Deviation MW and Positive Participant Total Load and Export Deviation. |
| Economic NCPC Deviation Charge Rate | The rate per MWh of deviation as determined in the allocation of Real Time NCPC Economic charges. |
| Participant Positive Deviation Reallocation Credit | The product of the Positive Participant Deviation MW for Reallocation and the Economic NCPC Deviation Charge Rate. |
| Pool Positive Deviation Reallocation Credit | The sum of all Positive Deviation Reallocation credits. |

SD_RTNCPCREALLOCATE – Real-Time NCPC Positive Deviation Economic Charge Reallocation Details Report – Rev 0

SD_RTNCPCREALLOCATE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Participant Net Load and Export RTLO MW | The sum of the Participant's Load Zone Net Load and Export RTLO MW for all affected load zones. |
| Pool Net Load and Export RTLO MW | The sum of all participants' Net Load and Export RTLO MW for all affected load zones. |
| Participant RTLO Reallocation Charge | Pool Positive Deviation Reallocation Credit allocated to the participant based on its pro-rata share of the Pool Net Load and Export RTLO MW. |
| Daily Economic Reallocation Section | |
| Participant Daily Reallocation Credit | The total of the hourly Participant Positive Deviation Reallocation Credits. |
| Participant Daily Reallocation Charge | The total of the hourly Participant RTLO Reallocation Charges. |
| Participant Daily Net Reallocation Credit/Charge | The sum of the Participant Daily Reallocation Credit and the Participant Daily Reallocation Charge. |
| Load Zone Section – Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Load Zone ID | Numerical identifier for the Load Zone |
| Load Zone Charge Reallocation Flag | Indicator that the load zone will be included in the Reallocation of Real-Time Economic NCPC charges. |
| Load Zone Export RTLO MW | Subaccount share of Load Zone Export RTLO MW |
| Load Zone Exempt DARD RTLO MW | Subaccount share of Load Zone Exempt DARD RTLO MW. |
| Load Zone RTLO MW | Subaccount share of Load Zone RTLO MW. |
| Load Zone Net Load and Export RTLO MW | The sum of the Load Zone Export RTLO, Load Zone Exempt DARD RTLO MW and Load Zone RTLO MW |
| Hourly Economic Reallocation Section – Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator | The hourly pro-rata load obligation deviation allocator from the Economic NCPC Charges |
| Positive Deviation Reallocation Credit | Participant Positive Deviation Reallocation Credit multiplied by the Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator |
| Net Load and Export RTLO MW | The sum of the Load Zone Net Load and Export RTLO MW for all affected load zones. |

SD_RTNCPCREALLOCATE – Real-Time NCPC Positive Deviation Economic Charge Reallocation Details Report – Rev 0

SD_RTNCPCREALLOCATE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| RTLO Reallocation Charge | Pool Positive Deviation Reallocation Credit allocated to the subaccount based on its pro-rata share of the Pool Net Load and Export RTLO MW. |
| Daily Economic Reallocation Section – Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Daily Reallocation Credit | The total of the hourly Subaccount Positive Deviation Reallocation Credit. |
| Daily Reallocation Charge | The total of the hourly RTLO Reallocation Charge. |
| Daily Net Reallocation Credit/Charge | The sum of the Daily Reallocation Credit and Daily Reallocation Charge. |

| SD_RTNCPCREALLOCATE Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 6.1.2018 |

SD_RTNCPCREALLOCATESUB – Real-Time NCPC Positive Deviation Economic Charge Reallocation Details Subaccount Report – Rev 0

SD_RTNCPCREALLOCATESUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Load Zone Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Load Zone ID | Numerical identifier for the Load Zone |
| Load Zone Charge Reallocation Flag | Indicator that the load zone will be included in the Reallocation of Real-Time Economic NCPC charges. |
| Load Zone Export RTLO MW | The total of the subaccount's Real-Time Load Obligation from Exports for the load zone and Trading Interval. |
| Load Zone Exempt DARD RTLO MW | The sum of the subaccount's postured Dispatchable ARD for the load zone and Trading Interval. |
| Load Zone RTLO MW | Subaccount share of Load Zone RTLO MW. |
| Load Zone Net Load and Export RTLO MW | The sum of the Load Zone Export RTLO MW, Load Zone Exempt DARD RTLO MW and Load Zone RTLO MW for the load zone and Trading Interval. |
| Hourly Economic Reallocation Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 - 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator | The hourly pro-rata load obligation deviation allocator from the Economic NCPC Charges |
| Positive Deviation Reallocation Credit | The subaccount share of the Positive Deviation Reallocation Credit based on the Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator |
| Net Load and Export RTLO MW | The sum of the Load Zone Net Load and Export RTLO MW for all affected load zones. |
| RTLO Reallocation Charge | The subaccount share of the RTLO Reallocation charge based on its pro-rata share of Net Load and Export RTLO MW. |
| Daily Economic Reallocation Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Daily Reallocation Credit | The total of the hourly Positive Deviation Reallocation Credit. |
| Daily Reallocation Charge | The total of the hourly RTLO Reallocation Charge. |

**SD_RTNCPCREALLOCATESUB – Real-Time NCPC Positive Deviation Economic Charge Reallocation
Details Subaccount Report – Rev 0**

SD_RTNCPCREALLOCATESUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|---|
| Daily Net Reallocation Credit/Charge | The sum of the Daily Reallocation Credit and Daily Reallocation Charge. |

| SD_RTNCPCREALLOCATESUB Change Summary | Effective Date |
|---------------------------------------|----------------|
| New. | 06.01.2021 |

SD_RTTRANSACT – Real Time Transaction Activity Report – Rev 7

SD_RTTRANSACT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|---|
| External Transactions Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| Market Product | A flag for the Market Product involved in the contract: 'ENERGY-RT'. |
| Transaction Type | A flag indicating the type of contract: <ul style="list-style-type: none"> • WITH PRICE • WITHOUT PRICE Note: If NULL, indicates the hourly information is from a CTS transaction |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Delivered Amount | MW delivered in the trading interval for external contracts. Positive if purchase, negative if sale. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Internal Transactions Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Transaction Number | An identifier generated by the ISO-NE at time of transaction submittal. |
| Reference ID | A customer-specified string, supplied at the time of transaction submittal, used to facilitate the customer's organization and tracking of his transaction information. |
| Market Product | A flag for the Market Product involved in the contract: 'ENERGY-RT'. |
| Transaction Type | A flag indicating the type of contract: |

SD_RTTRANSACT – Real Time Transaction Activity Report – Rev 7

SD_RTTRANSACT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | <ul style="list-style-type: none"> • 'IBM' • 'IBL' |
| Other Party | The counter-party to the transaction identifier. |
| Settlement Location ID | The location identifier. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Amount | The transaction MW value. |
| Impacts Marginal Loss Revenue Allocation | A flag with value 'Y' or 'N' (yes or no) indicating whether the contract impacts the Marginal Loss Revenue Allocation. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| 15 Minute External Transaction Section This section will be reported for market dates prior to 03/01/2017. | |
| Trading Interval | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:15 to 02:00). |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| JESS Schedule ID | An identification assigned by the Joint Energy Scheduling System when an External Transaction is scheduled. |
| Market Product | A flag for the Market Product involved in the contract; 'ENERGY-RT' |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | The originating location type; 'NETWORK NODE' |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | The destination location type. |
| Delivered Amount | MWh delivered in the trading interval for external contracts. Positive, if purchase; negative, if sale. |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |

| SD_RTTRANSACT Change Summary | Effective Date |
|---|-----------------------|
| Modified. Added “DRR Aggregation Zone” to “Originating Location Type” and “Destination Location Type” in the “External Transactions” section. Added “DRR Aggregation Zone” to “Location Type” in the “Internal Transactions” section. | 06.01.2018 |
| Modified. In “External Transactions Section”, modified description of “Transaction Type” and “Delivered Amount”. Update: The “15 Minute External Transaction Section” will not be removed; however the columns will not be populated with data for settlements beginning March 1, 2017. | 03.01.2017 |
| Modified. In “External Transactions Section”, added note on NULL value to the “Transaction Type” column description. | 12.15.2015 |
| Modified. In “Internal Transactions Section”, modified description of “Market Product”. Added new section “15 Minute External Transaction Section”. | 12.15.2015 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" to the "External Transactions" and "Internal Transactions" sections. | 06.13.2014 |
| Modified. New column "Impacts Marginal Loss Revenue Allocation" will be reported blank for any resettlement of operating day prior to January 1st 2011. | 01.01.2011 |
| Modified. Column "Delivered Amount" will be replace the original column "Scheduled Amount". The modified column follows the "Destination Location Type" column. Any new settlements or resettlements will print the new column header name. | 09.28.2010 |

| SD_RTTRANSACTSUB – Real Time Transaction Activity Subaccount Report – Rev 0 | |
|--|---|
| SD_RTTRANSACTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs with subaccounts enabled. | |
| REPORT COLUMN | DESCRIPTION |
| External Transactions Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| Market Product | A flag for the Market Product involved in the contract: ‘ENERGY-RT’. |
| Transaction Type | A flag indicating the type of contract: <ul style="list-style-type: none"> • WITH PRICE • WITHOUT PRICE Note: If NULL, indicates the hourly information is from a CTS transaction |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> • LOAD ZONE • NETWORK NODE • HUB • DRR AGGREGATION ZONE |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> • LOAD ZONE • NETWORK NODE • HUB • DRR AGGREGATION ZONE |
| Delivered Amount | MW delivered in the trading interval for external contracts. Positive if purchase, negative if sale. |
| Internal Transactions Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SD_RTTRANSACTSUB – Real Time Transaction Activity Subaccount Report – Rev 0

SD_RTTRANSACTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Transaction Number | An identifier generated by the ISO-NE at time of transaction submittal. |
| Reference ID | A customer-specified string, supplied at the time of transaction submittal, used to facilitate the customer's organization and tracking of his transaction information. |
| Market Product | A flag for the Market Product involved in the contract: 'ENERGY-RT'. |
| Transaction Type | A flag indicating the type of contract: <ul style="list-style-type: none">• IBM• IBL |
| Other Party | The counter-party to the transaction identifier. |
| Settlement Location ID | The location identifier. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• LOAD ZONE• NETWORK NODE• HUB• DRR AGGREGATION ZONE |
| Amount | The transaction MW value. |
| Impacts Marginal Loss Revenue Allocation | A flag with value 'Y' or 'N' (yes or no) indicating whether the contract impacts the Marginal Loss Revenue Allocation. |

| SD_RTTRANSACTSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 04.01.2020 |

| SD_RTTRANSACT5MIN – Real Time Transaction Five Minute Activity Report – Rev 1 | |
|--|---|
| SD_RTTRANSACT5MIN_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs | |
| REPORT COLUMN | DESCRIPTION |
| External Transactions Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| JESS Schedule ID | An identification assigned by the Joint Energy Scheduling System when an External Transaction is scheduled. |
| Market Product | A flag for the Market Product involved in the contract: ‘ENERGY-RT’. |
| Transaction Type | A flag indicating the type of contract: <ul style="list-style-type: none"> • WITH PRICE • WITHOUT PRICE Note: If NULL, indicates the information is from a CTS transaction. |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Delivered Amount | MW delivered in the trading interval for external contracts. Positive if purchase, negative if sale. |

| SD_RTTRANSACT5MIN Change Summary | Effective Date |
|--|----------------|
| Modified. Added “DRR Aggregation Zone” to “Originating Location Type” and “Destination Location Type” in the “External Transactions Section”. | 06.01.2018 |
| New | 03.01.2017 |

| SD_RTTRANSACT5MINSUB – Real Time Transaction Five Minute Activity Subaccount Report – Rev 0 | |
|--|---|
| SD_RTTRANSACT5MINSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Post-daily market settlement available to Participants and Transmission Customers who are parties to Real Time External Transactions and/or IBTs with subaccounts enabled. | |
| REPORT COLUMN | DESCRIPTION |
| External Transactions Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the transaction. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| ISO-NE Schedule ID | An identification assigned by the ISO to a scheduled External Transaction. |
| JESS Schedule ID | An identification assigned by the Joint Energy Scheduling System when an External Transaction is scheduled. |
| Market Product | A flag for the Market Product involved in the contract: ‘ENERGY-RT’. |
| Transaction Type | A flag indicating the type of contract: <ul style="list-style-type: none"> • WITH PRICE • WITHOUT PRICE Note: If NULL, indicates the information is from a CTS transaction. |
| Originating Location ID | The transaction originating location identifier as specified in Bid. |
| Originating Location Name | The name associated with the Originating Location ID. |
| Originating Location Type | <ul style="list-style-type: none"> • LOAD ZONE • NETWORK NODE • HUB • DRR AGGREGATION ZONE |
| Destination Location ID | The transaction destination location identifier as specified in Bid. |
| Destination Location Name | The name associated with the Destination Location ID. |
| Destination Location Type | <ul style="list-style-type: none"> • LOAD ZONE • NETWORK NODE • HUB • DRR AGGREGATION ZONE |
| Delivered Amount | MW delivered in the trading interval for external contracts. Positive if purchase, negative if sale. |

| SD_RTTRANSACT5MINSUB Change Summary | Effective Date |
|-------------------------------------|----------------|
| New. | 04.01.2020 |

SD_RTUNITASM – Real Time Unit Report – Rev 4

SD_RTUNITASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to customers who have ownership of a Generating Unit

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Sub-Type | Generator asset sub-types include: <ul style="list-style-type: none">• COAL GASIFICATION• COMBINED CYCLE• COMPRESSED AIR STORAGE• ENERGY STORAGE NON-PUMP• FUEL CELL• GAS TURBINE• HYDRO: DAILY PONDAGE• HYDRO: PIPELINE• HYDRO: PUMPED STORAGE• HYDRO: WEEKLY PONDAGE• HYDRO: RUN OF RIVER• HYDRO: OTHER• INTERNAL COMBUSTION• OTHER• PHOTOVOLTAIC• PRESSURIZED FBC• STEAM TURBINE• UNKNOWN• WIND TURBINE |
| Location ID | Location Identification Number. |
| Location Name | The location name. |
| Location Type | The Location Type, as follows: <ul style="list-style-type: none">• Network Node |
| Generator Meter Reading | Submitted meter reading for the Trading Interval. For Energy Storage this value is equal to the average of the five-minute energy quantity values. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a generating unit , where such unit is interconnected to the New England Transmission System. |
| Customer Share of Generator Meter Reading | Customer's share of the meter reading based on the ownership share of the generating unit. |
| Settlement Only Flag | If biddable flag equals 'Y' on the asset registration form, settlement only flag will equal 'N'. If biddable flag equals 'N', settlement only flag will equal 'Y'. For additional information regarding Settlement Only |

SD_RTUNITASM – Real Time Unit Report – Rev 4

SD_RTUNITASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to customers who have ownership of a Generating Unit

| REPORT COLUMN | DESCRIPTION |
|-----------------|--|
| | Generators, refer to M-28 Market Rule 1 Accounting. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_RTUNITASM Change Summary | Effective Date |
|---|----------------|
| Modified. Updated list of generator subtypes | 09.17.2019 |
| Modified. Added additional items to Asset Sub-type column description. Modified Generator Meter Reading description to include Energy Storage. | 04.01.2019 |
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| Modified. Added new column "Settlement Only Flag". | 10.01.2005 |

SD_RTUNITASMSUB – Real Time Unit Subaccount Report – Rev 0

SD_RTUNITASMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to customers who have ownership of a Generating Unit with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Sub-Type | Generator asset sub-types include: <ul style="list-style-type: none"> • COAL GASIFICATION • COMBINED CYCLE • COMPRESSED AIR STORAGE • ENERGY STORAGE NON-PUMP • FUEL CELL • GAS TURBINE • HYDRO: DAILY PONDAGE • HYDRO: PIPELINE • HYDRO: PUMPED STORAGE • HYDRO: WEEKLY PONDAGE • HYDRO: RUN OF RIVER • HYDRO: OTHER • INTERNAL COMBUSTION • OTHER • PHOTOVOLTAIC • PRESSURIZED FBC • STEAM TURBINE • UNKNOWN • WIND TURBINE |
| Location ID | Location Identification Number. |
| Location Name | The location name. |
| Location Type | The Location Type, as follows: <ul style="list-style-type: none"> • Network Node |
| Generator Meter Reading | Submitted meter reading for the Trading Interval. For Energy Storage this value is equal to the average of the five-minute energy quantity values. |
| Ownership Share | A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a generating unit , where such unit is interconnected to the New England Transmission System. |
| Customer Share of Generator Meter | Customer's share of the meter reading based on the ownership share of |

SD_RTUNITASMSUB – Real Time Unit Subaccount Report – Rev 0

SD_RTUNITASMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-daily market settlement available to customers who have ownership of a Generating Unit with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|----------------------|---|
| Reading | the generating unit. |
| Settlement Only Flag | If biddable flag equals 'Y' on the asset registration form, settlement only flag will equal 'N'. If biddable flag equals 'N', settlement only flag will equal 'Y'. For additional information regarding Settlement Only Generators, refer to M-28 Market Rule 1 Accounting. |

| SD_RTUNITASMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 04.01.2020 |

SD_RTUNITOP – Real Time Audit Unit Operations Report – *RETIRED*

SD_RTUNITOP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Sub Type | <ul style="list-style-type: none">• COAL• COAL/OIL• COMPOSITE• DIESEL OIL• GAS• HYDRO: PONDAGE• HYDRO: PUMPED STORAGE• HYDRO: RUN OF RIVER• JET FUEL• NUCLEAR• OIL• OIL/GAS• UNDER5MW• WOOD/REFUSE |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Location Type | Node, Zone, or Hub. |
| Constrained for SCR Support | Flagged as Special Constraint Resource. |
| Constrained for VAR Support | Flagged to provide VAR up/down support. |
| Constrained for LSCPR | Flagged to provide Local Second Contingency Protection support for a Reliability Region. |
| Must Run | Flagged for Must Run. |
| LSCPR Reliability Region | Flagged for LSCPR.. |
| Following DDP | Y (Yes) N (No) as defined in MR 1 and Manuals. |
| Economic Min (Bid) | Lowest unrestricted level of Energy, in MW, of a Customer's Generating Unit as bid in. |
| Economic Min (Dispatched) | Lowest unrestricted level of Energy, in MW, of a Customer's Generating Unit as used in Real Time. |
| Economic Min (NCPC) | This is the Min of the Mins from the Eligibility Application which is the minimum of the DA Schedule Economic Min, RT Schedule Economic Min and the Actual Economic Min (as dispatched). |
| Economic Max (Bid) | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit as bid in. |
| Economic Max (Dispatched) | Highest unrestricted level of Energy, in MW, of a Customer's Generating Unit as used in Real Time. |
| Self Schedule Deviation | The difference between the Revenue Quality Meter Reading and Cleared |

SD_RTUNITOP – Real Time Audit Unit Operations Report – *RETIRED*

SD_RTUNITOP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| | Day Ahead MWs for Self Scheduled units. |
| Not Following Dispatch Deviation | The difference between the Revenue Quality Meter Reading and Desired Dispatched Point for Pool Scheduled units. |
| Generation (Metered) | Revenue Quality Meter Reading. |
| Desired Dispatch Point (NCPC) | The control signal expressed in MWs transmitted to Generation resources. |
| Implicit Self Scheduled Regulation MWs | Regulation Output Level for a Unit that is Partially Self Scheduled for Regulation for the Hour. |

| SD_RTUNITOP Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. Renamed the columns "Constrained for RMR" to "Constrained for LSCPR" and "RMR Reliability Region" to "LSCPR Reliability Region". Modified the description of columns "Constrained for LSCPR" and "LSCPR Reliability Region" | 02.11.2009 |

| SD_VARCCCHG – OATT Schedule 2 – VAR Capacity Cost Charge Details Report – Rev 2 SD_VARCCCHG_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| VAR CC Charge Details | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly VAR Capacity Cost Credits | Total VAR Capacity Credits paid to reactive resources for VAR support for the hour |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| Network Load ID | Number assigned to DUNS number in SMS Tariff Network System User Interface (UI) |
| Network Load Name | Name given to Network Load. |
| Customer Monthly Network Load | Values represent customer’s monthly total of Network Load for the associated DUNS number |
| Customer Hourly Reserved Capacity | Values represent customer’s reservation total for the hour and associated DUNS number. |
| Customer Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Customer Monthly Network Load and Customer Hourly Reserved Capacity |
| Pool Monthly Network Load | Values represent Monthly total Network Load value in the pool |
| Pool Hourly Reserved Capacity | Values represent the sum of the Customer Hourly Reserved Capacity for the hour |
| Pool Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Pool Monthly Network Load and Pool Hourly Reserved Capacity |
| Customer Share Hourly VAR Capacity Cost Charges | Values represent the Capacity Cost charge for the customer and associated DUNS number |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Subaccount Monthly Network Load | Values represent monthly total of Network Load MWs for Network Loads mapped to the subaccount. |
| Subaccount Hourly Reserved Capacity | Values represent customer’s reservation total for the hour and associated subaccount. |

SD_VARCCCHG – OATT Schedule 2 – VAR Capacity Cost Charge Details Report – Rev 2

SD_VARCCCHG_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount Monthly Network Load and Hourly Reserved Capacity | Subaccount Monthly Network Load + Subaccount Monthly Network Load and Hourly Reserved Capacity |
| Subaccount Share Hourly VAR Capacity Cost Charges | Values represent the Capacity Cost charge for the subaccount and hour |

| SD_VARCCCHG Change Summary | Effective Date |
|---|----------------|
| Modified. In the “VAR CC Charge Details” and “Subaccount” sections, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. In the “VAR CC Charge Details” section: added new columns “Subaccount ID” and “Subaccount Name”. Added new section “Subaccount”. | 06.01.2016 |
| Existing. | 01.01.2008 |

| SD_VARCCCHGSUB – OATT Schedule 2 – VAR Capacity Cost Charge Details Subaccount – Rev 0 SD_VARCCCHGSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| VAR CC Charge Details | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Hourly VAR Capacity Cost Credits | Total VAR Capacity Credits paid to reactive resources for VAR support for the hour. |
| DUNS Number | DUNS Number |
| Network Load ID | Network Load ID |
| Network Load Name | Network Load Name |
| Customer Monthly Network Load | Values represent customer's monthly total of Network Load for the associated DUNS number. |
| Customer Hourly Reserved Capacity | Values represent customer's reservation total for the hour and associated DUNS number. |
| Customer Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Customer Monthly Network Load and Customer Hourly Reserved Capacity. |
| Pool Monthly Network Load | Values represent Monthly total Network Load value in the pool. |
| Pool Hourly Reserved Capacity | Values represent the sum of the Customer Hourly Reserved Capacity for the hour. |
| Pool Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Pool Monthly Network Load and Pool Hourly Reserved Capacity. |
| Customer Share Hourly VAR Capacity Cost Charges | Values represent the Capacity Cost charge for the customer and associated DUNS number. |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Subaccount Monthly Network Load | Values represent monthly total of Network Load MWs for Network Loads mapped to the subaccount. |
| Subaccount Hourly Reserved Capacity | Values represent customer's reservation total for the hour and associated subaccount. |
| Subaccount Monthly Network Load and Hourly Reserved Capacity | Subaccount Monthly Network Load + Subaccount Monthly Network Load and Hourly Reserved Capacity. |
| Subaccount Share Hourly VAR Capacity Cost Charges | Values represent the Capacity Cost charge for the subaccount and hour. |

| SD_VARCCCHGSUB Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 11.01.2022 |

| SD_VARCCPMT – OATT Schedule 2 – VAR Capacity Cost Payment Report – VAR CC Payment – Rev 1 SD_VARCCPMT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Leading Status Effective Date | Effective date of the Leading status. |
| Lagging Status Effective Date | Effective date of the Lagging status. |
| Schedule 2 Leading Program Status | Status of the asset in the leading VAR program |
| Schedule 2 Lagging Program Status | Status of the asset in the lagging VAR program |
| Leading Test MW Level | MW level of the leading test |
| Lagging Test MW Level | MW level of the lagging test |
| Leading Qualified VAR Capability | Leading qualified VAR capability of the asset |
| Lagging Qualified VAR Capability | Lagging qualified VAR capability of the asset |
| Total Qualified VARs | Total qualified VAR capability of the asset |
| VAR Annual Rate | Annual VAR Capacity Cost Rate of the operating year |
| VAR Monthly Rate | Monthly VAR Capacity Cost Rate of the operating year |
| Total VAR Capacity Cost Payment | Total VAR Capacity Cost payment to the asset |
| Ownership Share | Customer's ownership share of the asset |
| Customer Share Capacity Cost Payment | Total VAR Capacity Cost payment to the customer for this asset |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_VARCCPMT Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.01.2016 |
| Modified. Column name change from "Last Leading Test Date" to "Leading Status Effective Date" and from "Last Lagging Test Date" to "Lagging Status Effective Date". The first version of this report will be posted during the second week of January 2012 for obligation Month January 2012. | 01.01.2012 |
| Existing. | 01.01.2008 |

| SD_VARCCPMTSUB – OATT Schedule 2 – VAR Capacity Cost Payment Subaccount – Rev 0 SD_VARCCPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Leading Status Effective Date | Effective date of the Leading status. |
| Lagging Status Effective Date | Effective date of the Lagging status. |
| Schedule 2 Leading Program Status | Status of the asset in the leading VAR program. |
| Schedule 2 Lagging Program Status | Status of the asset in the lagging VAR program. |
| Leading Test MW Level | MW level of the leading test. |
| Lagging Test MW Level | MW level of the lagging test. |
| Leading Qualified VAR Capability | Leading qualified VAR capability of the asset. |
| Lagging Qualified VAR Capability | Lagging qualified VAR capability of the asset. |
| Total Qualified VARs | Total qualified VAR capability of the asset. |
| VAR Annual Rate | Annual VAR Capacity Cost Rate of the operating year. |
| VAR Monthly Rate | Monthly VAR Capacity Cost Rate of the operating year. |
| Total VAR Capacity Cost Payment | Total VAR Capacity Cost payment to the asset. |
| Ownership Share | Ownership Share |
| Customer Share Capacity Cost Payment | Total VAR Capacity Cost Payment \times Ownership Share. |

| SD_VARCCPMTSUB Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 11.01.2022 |

SD_VARCECPMT – OATT Schedule 2 – VAR Cost of Energy Consumed Payment Report – VAR CEC Payment – Rev 1

SD_VARCECPMT_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Energy Consumed | Total energy in consumed by asset |
| Energy Rate | Payment rate for consuming one MW |
| Cost of Energy Consumed Credits | Cost of Energy Consumed Credits = Energy Consumed x Energy Rate |
| Allocation Share | Customer's ownership share of the asset |
| Customer Share of Cost of Energy Consumed Credits | Total Cost of Energy Consumed payment to the customer for this asset and trading interval |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_VARCECPMT Change Summary | Effective Date |
|---|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.01.2016 |
| Existing. | 01.01.2008 |

SD_VARCECPMTSUB – OATT Schedule 2 – VAR Cost of Energy Consumed Payment Subaccount – Rev 0
SD_VARCECPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Energy Consumed | Energy Consumed |
| Energy Rate | Energy Rate |
| Cost of Energy Consumed Credits | Energy Consumed \times Energy Rate |
| Allocation Share | Ownership Share |
| Customer Share of Cost of Energy Consumed Credits | Cost of Energy Consumed Credits \times Allocation Share |

| SD_VARCECPMTSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 11.01.2022 |

SD_VARCEPPMT – OATT Schedule 2 – VAR Cost of Energy Produced Payment Report – VAR CEP Payment – Rev 1

SD_VARCEPPMT_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Energy Produced | Total energy in consumed by asset |
| Energy Rate | Payment rate for consuming one MW |
| Cost of Energy Produced Credits | Cost of Energy Produced Credits = Energy Produced x Energy Rate |
| Allocation Share | Customer's ownership share of the asset |
| Customer Share of Cost of Energy Produced Credits | Total Cost of Energy Produced payment to the customer for this asset and trading interval |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_VARCEPPMT Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name" | 06.01.2016 |
| Existing. | 01.01.2008 |

| SD_VARCEPPMTSUB – OATT Schedule 2 – VAR Cost of Energy Produced Payment Subaccount – Rev 0 SD_VARCEPPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Energy Produced | Total energy consumed by asset |
| Energy Rate | Energy Rate |
| Cost of Energy Produced Credits | Energy Produced \times Energy Rate |
| Allocation Share | Ownership share |
| Customer Share of Cost of Energy Produced Credits | Total Cost of Energy Produced payment to the customer for this asset and trading interval. |

| | |
|---------------------------------------|-----------------------|
| SD_VARCEPPMTSUB Change Summary | Effective Date |
| New. | 11.01.2022 |

SD_VARLOCPMT – OATT Schedule 2 – VAR Lost Opportunity Cost Payment Report – VAR LOC Payment – Rev 2

SD_VARLOCPMT_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Lost Opportunity Cost Credits | Payment for assets that are dispatched down by, or at the request of, the ISO, or a Local Control Center for the purpose of providing VAR Service calculated pursuant to Market Rule 1. |
| Allocation Share | Customer's ownership share of the asset |
| Customer Share of Lost Opportunity Cost Credits | Total Lost Opportunity Cost payment to the customer for this asset and trading interval |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SD_VARLOCPMT Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.01.2016 |
| Existing. Modified the description of column "Lost Opportunity Cost Credits". | 01.01.2008 |

SD_VARLOCPMTSUB – OATT Schedule 2 – VAR Lost Opportunity Cost Payment Subaccount– Rev 0

SD_VARLOCPMTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none">• GENERATOR• NON-GENERATOR |
| Lost Opportunity Cost Credits | Payment for assets that are dispatched down by, or at the request of, the ISO, or a Local Control Center for the purpose of providing VAR Service calculated pursuant to Market Rule 1. |
| Allocation Share | Ownership share |
| Customer Share of Lost Opportunity Cost Credits | Lost Opportunity Cost payment \times Allocation Share |

| SD_VARLOCPMTSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 11.01.2022 |

| SD_VARVCCHG – OATT Schedule 2 – VAR Variable Cost Charge Details Report – Rev 2 SD_VARVCCHG_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Section 1 - VAR VC Charge Details | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Cost of Energy Produced Credits | The total Cost of Energy Produced credits paid to Qualified Reactive Resources for VAR Service not related to high voltage conditions for the hour |
| Hourly Cost of Energy Consumed Credits | The total Cost of Energy Consumed credits paid to Qualified Reactive Resources for VAR Service for the hour |
| Hourly Lost Opportunity Cost Credits | The total Lost Opportunity Cost credits paid to Qualified Reactive Resources for VAR Service for the hour |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI) |
| Network Load Name | Name given to Network Load. |
| Customer Monthly Network Load | Values represent customer’s monthly total of Network Load for the associated DUNS number |
| Customer Hourly Reserved Capacity | Values represent customer’s reservation total for the hour and associated DUNS number |
| Customer Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Customer Monthly Network Load and Customer Hourly Reserved Capacity |
| Pool Monthly Network Load | Values represent Monthly total Network Load value in the pool |
| Pool Hourly Reserved Capacity | Values represent the sum of the Customer Hourly Reserved Capacity for the hour |
| Pool Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Pool Monthly Network Load and Pool Hourly Reserved Capacity |
| Customer Share Hourly VAR Variable Cost Charges | Values represent the sum of the Cost of Energy Produced, Cost of Energy Consumed and Lost Opportunity Cost charges for the customer and associated with DUNS number |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Section 2 - HV VAR VC Charge Details (This section is effective with the December 2010 obligation month) | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reliability Region | Reliability Region Identification number. |

| SD_VARVCCHG – OATT Schedule 2 – VAR Variable Cost Charge Details Report – Rev 2 SD_VARVCCHG_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Hourly Cost of Energy Produced Credits per Reliability Region | The total Cost of Energy Produced credits paid to Qualified Generator Reactive Resources for VAR Service to address high voltage conditions within a Reliability Region for the hour |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI) |
| Network Load Name | Name given to Network Load. |
| Customer Monthly Network Load per Reliability Region | Values represent customer’s monthly total of Network Load within a Reliability Region for the associated DUNS number |
| Monthly Network Load per Reliability Region | Values represent monthly total Network Load value in the Reliability Region |
| Customer Share Hourly High Voltage VAR Variable Cost Charges | Values represent the Cost of Energy Produced charges for the customer and associated with DUNS number within a Reliability Region |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount - VAR VC Charge | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Subaccount Monthly Network Load | Values represent monthly total of Network Load MWs for Network Loads mapped to the subaccount. |
| Subaccount Hourly Reserved Capacity | Values represent customer’s reservation total for the hour and associated subaccount. |
| Subaccount Monthly Network Load and Hourly Reserved Capacity | Subaccount Monthly Network Load + Subaccount Monthly Network Load and Hourly Reserved Capacity |
| Subaccount Share Hourly VAR Variable Cost Charges | Values represent the Variable Cost charge for the subaccount and hour. |
| Subaccount – HV VAR VC Charge | |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |

SD_VARVCCHG – OATT Schedule 2 – VAR Variable Cost Charge Details Report – Rev 2

SD_VARVCCHG_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount Hourly High Voltage VAR Variable Cost Charges | Values represent the Cost of Energy Produced charges for the subaccount and hour. |

| SD_VARVCCHG Change Summary | Effective Date |
|---|----------------|
| Modified. In the “VAR VC Charge Details”, “HV VAR VC Charge Details”, “Subaccount - VAR VC Charge”, and “Subaccount – HV VAR VC Charge” sections, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. In the “VAR VC Charge Details” and “HV VAR VC Charge Details” sections: added new columns “Subaccount ID” and “Subaccount Name”. Added new sections “Subaccount - VAR VC Charge” and “Subaccount - HV VAR VC Charge”. | 06.01.2016 |
| Modified. New section "HV VAR VC Charge Details". This new section will only contain the header with no detail data for resettlement of any obligation month prior to Dec. 2010. In addition it will appear on the initial settlement for November 2010 due to the implementation date of the software revisions. Also, added "not related to high voltage conditions" to "Hourly Cost of Energy Produced Credits" column description. | 12.01.2010 |
| Existing. | 01.01.2008 |

| SD_VARVCCHGSUB – OATT Schedule 2 – VAR Variable Cost Charge Details Subaccount – Rev 0 SD_VARVCCHGSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| VAR VC Charge Details | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Hourly Cost of Energy Produced Credits | The total Cost of Energy Produced credits paid to Qualified Reactive Resources for VAR Service not related to high voltage conditions for the hour. |
| Hourly Cost of Energy Consumed Credits | The total Cost of Energy Consumed credits paid to Qualified Reactive Resources for VAR Service for the hour |
| Hourly Lost Opportunity Cost Credits | The total Lost Opportunity Cost credits paid to Qualified Reactive Resources for VAR Service for the hour. |
| DUNS Number | DUNS Number |
| Network Load ID | Network Load ID |
| Network Load Name | Network Load Name |
| Customer Monthly Network Load | Values represent customer's monthly total of Network Load for the associated DUNS number. |
| Customer Hourly Reserved Capacity | Values represent customer's reservation total for the hour and associated DUNS number. |
| Customer Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Customer Monthly Network Load and Customer Hourly Reserved Capacity. |
| Pool Monthly Network Load | Values represent Monthly total Network Load value in the pool. |
| Pool Hourly Reserved Capacity | Values represent the sum of the Customer Hourly Reserved Capacity for the hour. |
| Pool Monthly Network Load and Hourly Reserved Capacity | Values represent the sum of the prorated hourly value of the Pool Monthly Network Load and Pool Hourly Reserved Capacity. |
| Customer Share Hourly VAR Variable Cost Charges | Values represent the sum of the Cost of Energy Produced, Cost of Energy Consumed and Lost Opportunity Cost charges for the customer and associated with DUNS number. |
| HV VAR VC Charge Details | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Reliability Region | Reliability Region |
| Hourly Cost of Energy Produced Credits per Reliability Region | The total Cost of Energy Produced credits paid to Qualified Generator Reactive Resources for VAR Service to address high voltage conditions within a Reliability Region for the hour. |
| DUNS Number | DUNS Number |

| SD_VARVCCHGSUB – OATT Schedule 2 – VAR Variable Cost Charge Details Subaccount – Rev 0 | |
|--|--|
| SD_VARVCCHGSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly | |
| REPORT COLUMN | DESCRIPTION |
| Network Load ID | Network Load ID |
| Network Load Name | Network Load Name |
| Customer Monthly Network Load per Reliability Region | Values represent customer's monthly total of Network Load within a Reliability Region for the associated DUNS number. |
| Monthly Network Load per Reliability Region | Values represent monthly total Network Load value in the Reliability Region. |
| Customer Share Hourly High Voltage VAR Variable Cost Charges | Values represent the Cost of Energy Produced charges for the customer and associated with DUNS number within a Reliability Region. |
| Subaccount - VAR VC Charge | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Subaccount Monthly Network Load | Values represent monthly total of Network Load MWs for Network Loads mapped to the subaccount. |
| Subaccount Hourly Reserved Capacity | Values represent customer's reservation total for the hour and associated subaccount. |
| Subaccount Monthly Network Load and Hourly Reserved Capacity | Subaccount Monthly Network Load + Subaccount Monthly Network Load and Hourly Reserved Capacity. |
| Subaccount Share Hourly VAR Variable Cost Charges | Values represent the Variable Cost charge for the subaccount and hour. |
| Subaccount – HV VAR VC Charge | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Day | Specific day for which the data is reported in form MM/DD/YYYY. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Subaccount Hourly High Voltage VAR Variable Cost Charges | Values represent the Cost of Energy Produced charges for the subaccount and hour. |
| SD_VARVCCHGSUB Change Summary | |
| New. | Effective Date 11.01.2022 |

SP_ARARESULT – Annual Reconfiguration Auction Result Report – Rev 2

SP_ARARESULT_customer id_commitment period begin_version.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the annual reconfiguration auction, and also Annual Reconfiguration Transactions.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|--|
| Resources | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation • Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. |
| Start Date | Start date of the Capacity Commitment Period for which the auction was run. |
| End Date | End date of the Capacity Commitment Period for which the auction was run. |
| Supply Offer / Demand Bid | The MW amount submitted for a specific Supply Offer or Demand Bid. |
| Offer / Bid Type | The type of transaction submitted. Valid types are: OFFER, BID |
| Cleared MW | The total MW cleared for the transaction. <ul style="list-style-type: none"> • Cleared MW with Supply Offer / Demand Bid type = OFFER is reported as a positive value. • Cleared MW with Supply Offer / Demand Bid type = BID is reported as a negative value. |
| Rejected for Reliability Flag | Indicator to identify whether or not the transaction was accepted. Valid types are: Y or Null |
| Rejection Reason | The reason the transaction was rejected |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Annual Reconfiguration Auction for the specific Capacity Zone or External Interface. |
| Reconfiguration Auction Charge/Credit | The amount in \$/Month that the Lead Participant will be credited or charged, calculated as the product of the Cleared MW and the Clearing Price. Charges are reported as negative values. |
| Capacity Zone | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone in which an offer or bid for the Resource cleared in the Annual Reconfiguration Auction. |
| Capacity Zone Name | The name of the Capacity Zone in which an offer or bid for the Resource cleared |
| Capacity Zone Type | The type of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. Valid types are: <ul style="list-style-type: none"> • Import • Export • Rest of Pool |

| SP_ARARESULT – Annual Reconfiguration Auction Result Report – Rev 2 SP_ARARESULT_customer_id_commitment_period_begin_version.CSV Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the annual reconfiguration auction, and also Annual Reconfiguration Transactions. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Start Date | Start date of the Capacity Commitment Period for which the auction was run |
| End Date | End date of the Capacity Commitment Period for which the auction was run |
| Total Supply Offers Submitted | The total MW offered into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| Total Demand Bids Submitted | The total MW bid into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Annual Reconfiguration Auction for the specific Capacity Zone. |
| Total Demand Bids Cleared | The total Demand Bid MW cleared in the Annual Reconfiguration Auction for the specific Capacity Zone. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of Total Supply Offers Cleared and Total Demand Bids Cleared |
| ISO Supply Offer | The total MW ISO New England offered into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| ISO Demand Bid | The total MW ISO New England bid into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| ISO Supply Offer Cleared | The total cleared MW ISO New England offered into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| ISO Demand Bid Cleared | The total cleared MW ISO New England bid into the Annual Reconfiguration Auction for the specific Capacity Zone. |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Annual Reconfiguration Auction for the specific Capacity Zone. |
| External Interface | |
| External Interface Name | The name of the External Interface. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Control Area | The name of the External Control Area. |
| Start Date | Start date of the Capacity Commitment Period for which the auction was run |
| End Date | End date of the Capacity Commitment Period for which the auction was run |
| Total Supply Offers Submitted | The total MW offered into the Annual Reconfiguration Auction for the specific External Interface. |
| Total Demand Bids Submitted | The total MW bid into the Annual Reconfiguration Auction for the specific External Interface. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Annual Reconfiguration Auction for the specific External Interface. |
| Total Demand Bids Cleared | The total Demand Bids MW cleared in the Annual Reconfiguration Auction for the specific External Interface. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of the Total Supply Offers Cleared and Total Demand Bids Cleared for the specific External Interface |

| SP_ARARESULT – Annual Reconfiguration Auction Result Report – Rev 2 SP_ARARESULT_customer_id_commitment_period_begin_version.CSV Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the annual reconfiguration auction, and also Annual Reconfiguration Transactions. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| ISO Supply Offer | The total MW ISO New England offered into the Annual Reconfiguration Auction for the specific External Interface. |
| ISO Supply Offer Cleared | The total cleared MW ISO New England offered into the Annual Reconfiguration Auction for the specific External Interface. |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Annual Reconfiguration Auction for the specific External Interface. |
| Control Area | |
| Start Date | Start date of the Capacity Commitment Period for which the auction was run |
| End Date | End date of the Capacity Commitment Period for which the auction was run |
| Total Supply Offers Submitted | The total MW offered into the Annual Reconfiguration Auction for the Control Area. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Annual Reconfiguration Auction for the Control Area. |
| Total Demand Bids Submitted | The total MW bid into the Annual Reconfiguration Auction for the Control Area. |
| Total Demand Bids Cleared | The total Demand Bids MW cleared in the Annual Reconfiguration Auction for the Control Area. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of Total Supply Offers Cleared and Total Demand Bids Cleared for the Control Area. |
| Total ISO Supply Offer | The total MW ISO New England offered into the Annual Reconfiguration Auction for the Control Area. |
| Total ISO Demand Bid | The total MW ISO New England bid into the Annual Reconfiguration Auction for the Control Area. |
| Total ISO Supply Offers Cleared | The total ISO New England Supply Offers MW cleared in the Annual Reconfiguration Auction for the Control Area |
| Total ISO Demand Bids Cleared | The total ISO New England Demand Bids MW cleared in the Annual Reconfiguration Auction for the Control Area. |
| Representative Supply Entered | The total representative supply of CSO prior to the Annual Reconfiguration Auction for the System. |
| Representative Supply Cleared | The total representative supply of CSO prior to the Annual Reconfiguration Auction for the System, which cleared in the Annual Reconfiguration Auction. |
| Sloped Demand Curve Entered | The total Sloped Demand Curve MWs entered into the Annual Reconfiguration Auction for the system. |
| Slope Demand Curve Cleared | The total of the Sloped Demand Curve MW that cleared the Annual Reconfiguration Auction for the System. Sloped Demand Curve Cleared is reported as a negative value. |
| ART | |
| ART ID | Numerical identifier for ART |
| Transferring Resource ID | ID of Transferring Resource. Is blank if not the Lead Participant for Transferring Resource. |
| Transferring Resource Name | Name of Transferring Resource. Is blank if not the Lead Participant for Transferring Resource. |
| Transferring Lead Participant ID | ID of Transferring Lead Participant |

SP_ARARESULT – Annual Reconfiguration Auction Result Report – Rev 2

SP_ARARESULT_customer_id_commitment_period_begin_version.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the annual reconfiguration auction, and also Annual Reconfiguration Transactions.

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|--|
| Acquiring Resource ID | ID of Acquiring resource. Is blank if not the Lead Participant for Acquiring Resource. |
| Acquiring Resource Name | Name of Acquiring resource. Is blank if not the Lead Participant for Acquiring Resource. |
| Acquiring Lead Participant ID | ID of Acquiring Lead Participant |
| Capacity Zone ID | ID of ART Capacity Zone |
| Capacity Zone Name | Name of ART Capacity Zone |
| Price | ART Price (\$/kW-mo) |
| Nominal MW | ART Nominal MW |
| Status | ART Status (only Approved ARTs are shown) |

| SP_ARARESULT Change Summary | Effective Date |
|---|----------------|
| Existing. Added new “ART” section. | 06.05.2019 |
| Existing. Updates for inclusion of sloped demand curves. | 06.05.2018 |
| Existing. This report will be distributed to participant by end of May 2009. | 06.10.2010 |

SP_DMDRSP – Special Demand Response Report – Rev 1

SP_DMDRSP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available at day 86 and day 100 of the data reconciliation cycle. Recipients are customers who are the Enrolling Participant for a Demand Response asset and customers who are the meter reader or IBCS Provider for a Demand Response asset.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Trading Date | Date for which the information was reported |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Numerical identifier for an asset. |
| Asset ID | Name of the asset. |
| Program Name | Name of the Program that the Load Response resource is registered in. |
| Location ID | Location Identification Number. |
| Location Name | Name of the location. |
| Participant ID | Customer ID of the Lead Participant. |
| Meter Reader Customer ID | Customer ID of the meter reader of the given asset. |
| Current Demand Response Meter Reading | Submitted meter reading for the specified trading date and interval. This value could be positive or negative. |
| Submittal Date of Current Demand Response Meter Reading | The submittal date of the current demand response meter reading. |
| Last Billed Demand Response Meter Reading | The Demand Response meter reading MW value included in the last bill. This value could be positive or negative. |
| Bill Date | Date of bill containing Last Billed Demand Response Meter Reading |
| Changed from Last Billed Meter Reading (Y/N) | A flag indicating whether the Current Demand Response Meter Reading has changed since it was included on the bill issued on Bill Date (Value is “Y” or “N”). |

| SP_DMDRSP Change Summary | Effective Date |
|--|----------------|
| Existing. The name of the 'Enrolling Participant ID' column has been renamed. | 06.10.2010 |

SP_DMDRSPDLY – Special Demand Response Daily Report – Rev 1

SP_DMDRSPDLY_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available on a daily basis for the current month and prior month until the submittal window is closed for the prior month. Recipients are customers who are the Enrolling Participant for a Demand Response asset and customers who are the meter reader or IBCS Provider for a Demand Response asset.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|---|
| Trading Date | Date for which the information was reported |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Numerical identifier for an asset. |
| Asset ID | Name of the asset. |
| Program Name | Name of the Program that the Load Response resource is registered in. |
| Location ID | Location Identification Number. |
| Location Name | Name of the location. |
| Participant ID | Customer ID of the Lead Participant. |
| Meter Reader Customer ID | Customer ID of the meter reader of the given asset. |
| Real Time Interruption Event (Y/N) | A flag, in which 'Y' indicates a Real Time Load Response Event has been initiated for the specified resource for the specified trading interval. |
| Day Ahead Cleared Schedule (Y/N) | A flag, in which 'Y' indicates that the specified resource cleared in the Day Ahead Load Response market for the specified trading date and interval. |
| Current Demand Response Meter Reading | Submitted meter reading for the specified trading date and interval. This value could be positive or negative. |
| Data is Zero (Y/N) | A flag in which 'Y' indicates that the data submitted was actually a zero. |
| Data is NULL (Y/N) | A flag in which 'Y' indicates that the data submitted was actually a null value. |

| SP_DMDRSPDLY Change Summary | Effective Date |
|---|----------------|
| Existing. The name of the 'Meter Reader / IBCS Customer ID' column has been renamed. | 06.10.2010 |

SP_EQR – Electric Quarterly Reports – Rev 4

Availability: After the issuance of the Monthly Services Invoice (the Invoice issued on or about the first Monday after the ninth calendar day of a month) for any items that were included in the Monthly Services Invoice for any settlements that are billed immediately following the month; and any time a resettlement is issued.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------|--|
| Transaction Unique Identifier | The first record of each Customer file will start with T##### and increment upward by one (new number per record). Begins with T01000000 |
| Seller Company Name | Customer name on file at ISO-NE |
| Customer Company Name | 'ISO New England'; or for bilateral transactions, the name of the counterparty |
| Tariff Reference | 'FERC TARIFF REFERENCE' |
| Contract Service Agreement ID | 'ISO-NE MPSA' |
| Trans ID | The format is NE#####. Numbers increment upward by one (new number per record). The numbers following 'NE' will match the numbers following 'T' in the transaction_unique_identifier column. |
| Transaction Begin Date | Begin timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is YYYYMMDDHHMM |
| Transaction End Date | End timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is YYYYMMDDHHMM |
| Trade Date | The date upon which the transaction price became a legally binding. |
| Exchange/Brokerage Service | This is blank. |
| Type of Rate | Transactions with the ISO shall be 'RTO/ISO'. Bilateral Contracts shall be blank. |
| Time Zone | 'ES' (Eastern Standard) and 'ED' (Eastern Daylight) <ul style="list-style-type: none"> ○ 25 hour day - Hour Ending 2 repeated (First Hour Ending 2 record will have time_zone = 'ED', the second Hour Ending 2 record will have time_zone = 'ES'). ○ 23 hour day - Hour Ending 3 will not exist. |
| Point Of Delivery Control Area | 'ISNE' |
| Specific Location | For settlements that are generic to ISO-NE, use '32', which represents the New England control area. For settlements that are specific to a generator, use generator's location ID. For settlements that are specific to a load zone, use the load zone' location |
| Class Name | 'NA' |
| Term Name | 'ST' because all settlements are less than one year |
| Increment Name | Appropriate value for the record M = Monthly, D = Daily, H = Hourly, 5 = Five-Minute, 15 = Fifteen Minute |
| Increment Peaking Name | Hourly settlements - 'P' or 'OP' based on ISO-NE's definition of Peak/Off-Peak Daily and Monthly - 'N/A' for uplifts and 'FP' for Full Period Voltage and for Black Start |
| Product Name* | Populated in accordance with ISO-NE Settlements to FERC EQR Product mapping |
| Transaction Quantity* | FLAT RATE settlements will always be 1. All other settlements will be the appropriate quantity value (see ISO-NE Settlement to FERC EQR Product Mapping). |
| Transaction Price* | FLAT RATE settlements will always be equal to the Transaction Charge column. Rest will be the appropriate Price (see ISO-NE Settlements to FERC EQR Product Mapping). |

SP_EQR – Electric Quarterly Reports – Rev 4

Availability: After the issuance of the Monthly Services Invoice (the Invoice issued on or about the first Monday after the ninth calendar day of a month) for any items that were included in the Monthly Services Invoice for any settlements that are billed immediately following the month; and any time a resettlement is issued.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Units | FLAT RATE settlements will always be 'FLAT RATE' All others will be the appropriate Unit (see ISO-NE Settlements to FERC EQR Product Mapping). |
| Standardized Quantity | Populated for Energy and Capacity transactions. All others shall be blank, (see the ISO-NE Settlement to FERC EQR Product Mapping). The format is up to 6 decimal places. |
| Standardized Price | Populated for Energy and Capacity transactions. All others shall be blank, (see the ISO-NE Settlement to FERC EQR Product Mapping). The format is up to 6 decimal places. |
| Total Transmission Charge | 0 - No transmission charges will be reported by ISO-NE. |
| Transaction Charge | FLAT RATE settlements will always be equal to the Price column. All other settlements, Transaction Charge = Transaction Quantity * Price Carry out to number 2 places beyond decimal point. |
| Source Settlement* | Contains the name of the ISO-NE settlement associated with the given record |
| MIS Report* | Contains the MIS report(s) which contains the settlement. |
| Reporting Trigger* | Contains the reporting trigger that was tripped to create the given record. |

* Please see the "[FERC Electric Quarterly Reporting](#)" webpage for additional information.

| SP_EQR Change Summary | Effective Date |
|---|----------------|
| Modified. No change in report structure, a new line item "Energy Real Time DR (LMP)" will be reported effective June 2018. | 06.01.2018 |
| Modified. Updated "Increment Name" description. | 10.01.2016 |
| Modified. Updated Report Columns to match the sample file on the FERC EQR web page. | 06.01.2015 |
| Modified. No change in report structure. The description for "Customer Company Name" column has been updated. | 07.01.2013 |
| Modified. Removed Customer Duns Number column. Added Trade Date, Exchange/Broker Service, Type of Rate, Standardized Price and Standardized Quantity columns to report structure. Line items 1, 63 and 71 shall no longer be reported. New line items 74 to 89 have been added. | 7.01.2013 |
| Modified. No change in report structure, a new line item "OATT Schedule 16: Blackstart Payment" will be reported effective January 2013. Existing line item "OATT Schedule 16: Black Start Payment" will include the final month of December 2012. | 01.01.2013 |
| Modified. For Source Settlement "OATT Schedule 2: CC Payment" Units will be changed to read "N/A" from "\$/kVAR-MO". | 07.13.2012 |
| Modified. No change in report structure, a new line item "Transitional Demand Response" will be reported. | 06.01.2012 |
| Modified. Effective with the November EQR 2011 initial settlement report to be generated and distributed with the December 2011 Monthly Services Invoice and any reports regenerated from a previous timeframe, the following changes in Source Settlement apply: <ul style="list-style-type: none"> From "Forward Reserve Market: TMNSR Pmt (ASM 2)" to read "Forward Reserve Market: TMNSR Pmt" From "Forward Reserve Market: TMOR Res Pmt (ASM 2)" to read "Forward Reserve Market: TMOR Pmt" From "OATT Schedule 16: Black Start" to read "OATT Schedule 16: Black Start Payment" From "Real Time Reserve Market: TMSR Payment" to read "Real-Time Reserve Market: TMSR Pmt" From "Real Time Reserve Market: TMNSR Payment" to read "Real-Time Reserve Market: TMNSR Pmt" | 11.21.2011 |

| SP_EQR Change Summary | Effective Date |
|---|----------------|
| <ul style="list-style-type: none"> From "Real Time Reserve Market: TMOR Payment " to read "Real-Time Reserve Market: TMOR Pmt" From "NCPC - Min Gen Emergency" to read "NCPC - Minimum Generation Emergency" From "Forward Reserve Market: TMNSR Failure to Reserve Penalty" to read "Forward Reserve Market: TMNSR Failure-to-Reserve Penalty" From "Forward Reserve Market: TMOR Failure to Reserve Penalty" to read "Forward Reserve Market: TMOR Failure-to-Reserve Penalty" From "Forward Reserve Market: TMNSR Failure to Activate Penalty" to read "Forward Reserve Market: TMNSR Failure-to-Activate Penalty" From "Forward Reserve Market: TMOR Failure to Activate Penalty" to read "Forward Reserve Market: TMOR Failure-to-Activate Penalty" <p>The following changes in MIS Report for given Source Settlements apply:</p> <ul style="list-style-type: none"> For Source Settlement "Forward Capacity Market - FCM Net Supply Credit" to read "SD_FCMNSCDTL" For Source Settlement "NCPC - Day Ahead" to read "SD_DANCPCPAYMENT" For Source Settlement "NCPC - Minimum Generation Emergency" to read "SS_NCPCMGE" <p>The following changes in Units for given Source Settlements apply:</p> <ul style="list-style-type: none"> For Source Settlement "OATT Schedule 16: Black Start Payment" to read "\$/MW-MO" For Source Settlement "OATT Schedule 2: CC Payment" to read "\$/kVAR-MO" <p>The following changes in Increment Name for given Source Settlements apply:</p> <ul style="list-style-type: none"> For Source Settlement "OATT Schedule 2: Cost of Energy Consumed" to read "H" For Source Settlement "OATT Schedule 2: Cost of Energy Produced" to read "H" <p>The following change in Product Name for given Source Settlement applies:</p> <ul style="list-style-type: none"> For Source Settlement "Real-Time Reserve Market: TMSR Pmt" to read "SPINNING RESERVE" <p>The following termination date for given Source Settlement applies:</p> <ul style="list-style-type: none"> For Source Settlement "Reliability Agreements" termination date "02/01/2011" | |
| Existing. Added additional language to the "Note:" section. | 10.01.2006 |

SP_EQRLAG – Electric Quarterly Reports Lag – Rev 2

Availability: After the issuance of the Monthly Services Invoice (the Invoice issued on or about the first Monday after the ninth calendar day of a month) for any items that were included in the Monthly Services Invoice for any settlements that are billed one month in arrears; and any time a resettlement is issued.

Disclaimer - The information in this report is provided to facilitate EQR reporting by Market Participants. Market Participants are responsible to ensure the accuracy of data that they submit to the Federal Energy Regulatory Commission.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|--|
| transaction_unique_id | The first record of each Customer file will start with T##### and increment upward by one (new number per record). Begins with T01000000 |
| seller_company_name | Customer name on file at ISO-NE |
| customer_company_name | 'ISO New England' |
| ferc_tariff_reference | 'FERC TARIFF REFERENCE' |
| contract_service_agreement | 'ISO-NE MPSA' |
| transaction_unique_identifier | The format is NE#####. Numbers increment upward by one (new number per record). The numbers following 'NE' will match the numbers following 'T' in the transaction_unique_identifier column. |
| transaction_begin_date | Begin timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is YYYYMMDDHHMM |
| transaction_end_date | End timestamp for the time interval that the record applies to (Hour, Day, or Month). Format is YYYYMMDDHHMM |
| trade_date | The date upon which the transaction price became a legally binding. |
| exchange_brokerage_service | This is blank. |
| type_of_rate | Transactions with the ISO shall be 'RTO/ISO'. Bilateral Contracts shall be blank. |
| time_zone | 'ES' (Eastern Standard) and 'ED' (Eastern Daylight) <ul style="list-style-type: none"> 25 hour day - Hour Ending 2 repeated (First Hour Ending 2 record will have time_zone = 'ED', the second Hour Ending 2 record will have time_zone = 'ES'). 23 hour day - Hour Ending 3 will not exist. |
| point_of_delivery_balancing_authority | 'ISNE' |
| point_of_delivery_specific_location | For settlements that are generic to ISO-NE, use '32', which represents the New England control area. For settlements that are specific to a generator, use generator's location ID. For settlements that are specific to a load zone, use the load zone' location |
| class_name | 'NA' |
| term_name | 'ST' because all settlements are less than one year |
| increment_name | Appropriate value for the record M = Monthly, D = Daily, H = Hourly, 5 = Five-Minute, 15 = Fifteen Minute |
| increment_peaking_name | Hourly settlements - 'P' or 'OP' based on ISO-NE's definition of Peak/Off-Peak Daily and Monthly - 'N/A' for uplifts and 'FP' for Full Period Voltage and for Black Start |
| product_name* | Populated in accordance with ISO-NE Settlements to FERC EQR Product mapping |
| transaction_quantity* | FLAT RATE settlements will always be 1. All other settlements will be the appropriate quantity value (see ISO-NE Settlement |

SP_EQRLAG – Electric Quarterly Reports Lag – Rev 2

Availability: After the issuance of the Monthly Services Invoice (the Invoice issued on or about the first Monday after the ninth calendar day of a month) for any items that were included in the Monthly Services Invoice for any settlements that are billed one month in arrears; and any time a resettlement is issued.

Disclaimer - The information in this report is provided to facilitate EQR reporting by Market Participants. Market Participants are responsible to ensure the accuracy of data that they submit to the Federal Energy Regulatory Commission.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| | to FERC EQR Product Mapping). |
| price* | FLAT RATE settlements will always be equal to the Transaction Charge column. Rest will be the appropriate Price (see ISO-NE Settlements to FERC EQR Product Mapping). |
| rate_units | FLAT RATE settlements will always be 'FLAT RATE' All others will be the appropriate Unit (see ISO-NE Settlements to FERC EQR Product Mapping). |
| standardized_quantity | Populated for Energy and Capacity transactions. All others shall be blank, (see the ISO-NE Settlement to FERC EQR Product Mapping). The format is up to 6 decimal places. |
| standardized_price | Populated for Energy and Capacity transactions. All others shall be blank, (see the ISO-NE Settlement to FERC EQR Product Mapping). The format is up to 6 decimal places. |
| total_transmission_charge | 0 - No transmission charges will be reported by ISO-NE. |
| total_transaction_charge | FLAT RATE settlements will always be equal to the Price column. All other settlements, Transaction Charge = Transaction Quantity * Price Carry out to number 2 places beyond decimal point. |
| source_settlement* | Contains the name of the ISO-NE settlement associated with the given record |
| mis_report* | Contains the MIS report(s) which contains the settlement. |
| reporting_trigger* | Contains the reporting trigger that was tripped to create the given record. |

* Please see the "[FERC Electric Quarterly Reporting](#)" webpage for additional information.

| SP_EQRLAG Change Summary | Effective Date |
|---|----------------|
| Modified. Updated "increment_name" description. | 10.01.2016 |
| Modified. Updated Report Columns to match the sample file on the FERC EQR web page. | 06.01.2015 |
| Modified. Removed Customer Duns Number column. Added Trade Date, Exchange/Broker Service, Type of Rate, Standardized Price and Standardized Quantity columns to report structure. | 07.01.2013 |
| Modified. No change in report structure, a new line item "OATT Schedule 16: Black Start CIP Payment" will be reported. | 06.01.2012 |
| Modified. Effective with the October 2011 EQRLAG initial settlement report to be generated and distributed with the December 2011 Monthly Services Invoice and any reports regenerated from a previous timeframe, the following change in Source Settlement applies: <ul style="list-style-type: none"> From "OATT Schedule 2: Black Start" to read "OATT Schedule 16: Black Start Credit" | 11.21.2011 |
| Existing. Added additional language to the "Note:" section. | 10.01.2006 |

SP_EXISTCAPQUAL – Existing Capacity Qualification Report – Rev 5

SP_EXISTCAPQUAL_<customer id>_<settlement date>_<version>.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Forward Capacity Market Existing Capacity Qualification Report – Available 15 business days prior to Existing Capacity Qualification Deadline. Final version is available 5 business days prior to Existing Capacity Qualification Deadline

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|--|
| Generating Capacity Resources | |
| Resource ID | Numerical identifier for the resource (Generating Capacity Resource). |
| Resource Name | Name of the resource (Generating Capacity Resource). |
| Resource Status | Status of resource (ACTIVE, RETIRED). |
| Load Zone ID | Numerical identifier for a Load Zone, in which the resource is electrically connected |
| Load Zone Name | Name of the Load Zone, in which the resource is electrically connected |
| Summer SCC Year (-5) | The Summer Seasonal Claimed Capability (SCC) in MW as of the 5 th business day of October. “Year” refers to calendar year preceding the Forward Capacity Auction (FCA). Number in brackets refers to number of years backward from reference “Year”. For example, for the FCA held in 2008, “Year” is 2007 and “Year (-5)” is 2002. Note: Resource-level SCC values are determined by summing the corresponding Asset-level values, as defined by the Resource-Asset mapping definitions in CAMS. |
| Summer SCC Year (-4) | The same as above for “Year (-4)” |
| Summer SCC Year (-3) | The same as above for “Year (-3)” |
| Summer SCC Year (-2) | The same as above for “Year (-2)” |
| Summer SCC Year (-1) | The same as above for “Year (-1)” |
| Calculated Summer Qualified Capacity | The sum of the resource’s commercial and non-commercial components. Commercial component: The median of the Generating Capacity Resource’s summer Seasonal Claimed Capability ratings from the latest commercial change, up to the most recent five years, as of the fifth business day in October of each year, with only positive (non-zero) summer ratings included in the median calculation. Non-commercial component: The sum of the amount of capacity the resource cleared as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. |
| Summer Qualified Capacity | Same as the “Calculated Summer Qualified Capacity,” unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report. |
| Winter SCC Year (-5) | The Winter Seasonal Claimed Capability (SCC) in MW as of the 5 th business day of June. “Year” refers to calendar year preceding FCA. Number in brackets refers to number of years backward from reference “Year”. For example, for FCA held in 2008, “Year” is 2007 and “Year (-5)” is 2002. Note: Resource-level SCC values are determined by summing the corresponding Asset-level values, as defined by the Resource-Asset mapping definitions in CAMS. |
| Winter SCC Year (-4) | The same as above for “Year (-4)” |
| Winter SCC Year (-3) | The same as above for “Year (-3)” |

SP_EXISTCAPQUAL – Existing Capacity Qualification Report – Rev 5

SP_EXISTCAPQUAL_<customer id>_<settlement date>_<version>.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Forward Capacity Market Existing Capacity Qualification Report – Available 15 business days prior to Existing Capacity Qualification Deadline. Final version is available 5 business days prior to Existing Capacity Qualification Deadline

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Winter SCC Year (-2) | The same as above for “Year (-2)” |
| Winter SCC Year (-1) | The same as above for “Year (-1)” |
| Calculated Winter Qualified Capacity | The sum of the resource’s commercial and non-commercial components. Commercial component: The median of the Generating Capacity Resource’s winter Seasonal Claimed Capability ratings from latest commercial change, up to the most recent five years, as of the fifth business day in June of each year, with only positive (non-zero) winter ratings included in the median calculation. Non-commercial component: The sum of the amount of capacity the resource cleared as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. |
| Winter Qualified Capacity | Same as the “Calculated Winter Qualified Capacity,” unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report. |
| Significant Decrease in Capacity Indicator | Y/N indicator to identify whether or not the Generating Capacity Resource’s most recent summer Seasonal Claimed Capability, as of the fifth business day in October, is below its Summer Qualified Capacity by more than the lesser of 20 percent of that Summer Qualified Capacity or 40 MW. |
| Low Winter Qualified Capacity Indicator | Effective with the Existing Capacity Qualification for the tenth Forward Capacity Auction (Capacity Commitment Period 2019-2020), this column will be reported as NULL. |
| Adjusted Winter Qualified Capacity | Effective with the Existing Capacity Qualification for the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), this column is no longer used and will be reported as NULL. |
| Intermittent Power Resources | |
| Resource ID | Numerical identifier for the resource (Generating Capacity Resource). |
| Resource Name | Name of the resource (Generating Capacity Resource). |
| Resource Status | Status of resource (ACTIVE, RETIRED). |
| Load Zone ID | Numerical identifier for a Load Zone, in which the resource is electrically connected. |
| Load Zone Name | Name of the Load Zone, in which the resource is electrically connected. |
| Summer Output Median Year (-5) | The median of the Intermittent Resource’s net output during the Summer Reliability Hours. “Year” refers to calendar year preceding the Forward Capacity Auction (FCA). Number in brackets refers to number of years backward from reference “Year”. For example, for the FCA held in 2008, “Year” is 2007 and “Year (-5)” is 2002. Note: Resource-level net output values are determined by summing the corresponding Asset-level values, as defined by the Resource-Asset mapping definitions in CAMS. |
| Summer Output Median Year (-4) | The same as above for “Year (-4)” |
| Summer Output Median Year (-3) | The same as above for “Year (-3)” |
| Summer Output Median Year (-2) | The same as above for “Year (-2)” |

| SP_EXISTCAPQUAL – Existing Capacity Qualification Report – Rev 5 SP_EXISTCAPQUAL_<customer id>_<settlement date>_<version>.CSV Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Forward Capacity Market Existing Capacity Qualification Report – Available 15 business days prior to Existing Capacity Qualification Deadline. Final version is available 5 business days prior to Existing Capacity Qualification Deadline | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Summer Output Median Year (-1) | The same as above for “Year (-1)” |
| Calculated Summer Qualified Capacity | The sum of the resource’s commercial and non-commercial components. Commercial component: The average of the median of the Intermittent Resource’s net output during the Summer Reliability Hours from latest commercial change, up to the most recent five summer periods. Non-commercial component: The sum of the amount of capacity the resource clears as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. |
| Summer Qualified Capacity | Same as the “Calculated Summer Qualified Capacity”, unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report |
| Winter Output Median Year (-5) | The median of the Intermittent Resource’s net output during the Winter Reliability Hours. “Year” refers to calendar year preceding FCA. Number in brackets refers to number of years backward from reference “Year”. For example, for FCA held in 2008, “Year” is 2007 and “Year (-5)” is 2002. Note: Resource-level net output values are determined by summing the corresponding Asset-level values, as defined by the Resource-Asset mapping definitions in CAMS. |
| Winter Output Median Year (-4) | The same as above for “Year (-4)” |
| Winter Output Median Year (-3) | The same as above for “Year (-3)” |
| Winter Output Median Year (-2) | The same as above for “Year (-2)” |
| Winter Output Median Year (-1) | The same as above for “Year (-1)” |
| Calculated Winter Qualified Capacity | The sum of the resource’s commercial and non-commercial components. Commercial component: The average of the median of the Intermittent Resource’s net output during the Winter Reliability Hours from latest commercial change, up to the most recent five winter periods. Non-commercial component: The sum of the amount of capacity the resource clears as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. |
| Winter Qualified Capacity | Same as the Calculated Winter Qualified Capacity,” unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report. |
| Low Winter Qualified Capacity Indicator | Effective with the Existing Capacity Qualification for the second Forward Capacity Auction (Capacity Commitment Period 2011-2012), this column is no longer used and will be reported as NULL. The Low Winter Qualified Capacity Indicator is not applicable for Intermittent Power Resources. |
| Adjusted Winter Qualified Capacity | Effective with the Existing Capacity Qualification for the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), this column is no longer used and will be reported as NULL. |
| Demand Resources | |
| Resource ID | Numerical identifier for the resource (Demand Resource). |

SP_EXISTCAPQUAL – Existing Capacity Qualification Report – Rev 5

SP_EXISTCAPQUAL_<customer id>_<settlement date>_<version>.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Forward Capacity Market Existing Capacity Qualification Report – Available 15 business days prior to Existing Capacity Qualification Deadline. Final version is available 5 business days prior to Existing Capacity Qualification Deadline

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Resource Name | Name of the resource (Demand Resource). |
| Resource Status | Status of Demand Resource (ACTIVE, RETIRED). |
| Resource Type | Represents the FCM Resource Type. Appropriate values are: On-Peak, Seasonal Peak, Real-Time Demand Response, or Real-Time Emergency Generation |
| Load Zone ID | Numerical identifier for a Load Zone |
| Load Zone Name | Name of the Load Zone |
| Maximum Interruptible Capacity | Effective with the Existing Capacity Qualification for the second Forward Capacity Auction (Capacity Commitment Period 2011-2012), this column is no longer used and will be reported as NULL. Maximum Interruptible Capacity will no longer be used in the determination of a Demand Resource's Qualified Capacity. |
| Current Adjusted ICAP Resource Capability | Effective with the Existing Capacity Qualification for the second Forward Capacity Auction (Capacity Commitment Period 2011-2012), this column is no longer used and will be reported as NULL. Current Adjusted ICAP Resource Capability will no longer be used in the determination of a Demand Resource's Qualified Capacity. |
| Summer Seasonal Demand Reduction Value | Same as the "Calculated Summer Seasonal Demand Reduction Value" unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report. |
| Summer Qualified Capacity | The Summer Qualified Capacity of a Demand Resource shall be its Summer Seasonal Demand Reduction Value multiplied by one plus the percent average avoided peak transmission and distribution losses as determined by the ISO. |
| Winter Seasonal Demand Reduction Value | Same as the "Calculated Winter Seasonal Demand Reduction Value" unless adjusted by the ISO prior to the first distribution of this Existing Capacity Qualification Report, or in response to a customer request received during the 5 business day challenge window following receipt of the first distribution of this Existing Capacity Qualification Report. |
| Winter Qualified Capacity | The Winter Qualified Capacity of a Demand Resource shall be its Winter Seasonal Demand Reduction Value multiplied by one plus the percent average avoided peak transmission and distribution losses as determined by the ISO. |
| Low Winter Qualified Capacity Indicator | Effective with the Existing Capacity Qualification for the tenth Forward Capacity Auction (Capacity Commitment Period 2019-2020), this column will be reported as NULL. |
| Calculated Summer Seasonal Demand Reduction Value | The sum of the resource's commercial and non-commercial components. Commercial component: The commercial Summer Seasonal Demand Reduction Value as of the Existing Capacity Qualification Deadline for the prior Forward Capacity Auction. Non-commercial component: The sum of the amount of capacity the resource clears as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. If a Demand Resource did not participate in the prior Forward Capacity Auction, the Calculated Summer Seasonal Demand Reduction Value will be reported as zero. |

SP_EXISTCAPQUAL – Existing Capacity Qualification Report – Rev 5

SP_EXISTCAPQUAL_<customer id>_<settlement date>_<version>.CSV

Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Forward Capacity Market Existing Capacity Qualification Report – Available 15 business days prior to Existing Capacity Qualification Deadline. Final version is available 5 business days prior to Existing Capacity Qualification Deadline

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Calculated Winter Seasonal Demand Reduction Value | The sum of the resource's commercial and non-commercial components. Commercial component: The commercial Winter Seasonal Demand Reduction Value as of the Existing Capacity Qualification Deadline for the prior Forward Capacity Auction. Non-commercial component: The sum of the amount of capacity the resource clears as New Capacity in previous Forward Capacity Auctions that has not yet achieved Commercial Operation. If a Demand Resource did not participate in the prior Forward Capacity Auction, the Calculated Winter Seasonal Demand Reduction Value will be reported as zero. |
| Adjusted Winter Qualified Capacity | Effective with the Existing Capacity Qualification for the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), this column is no longer used and will be reported as NULL. |
| Import Capacity Resources | |
| Resource ID | Numerical identifier for the Import Capacity Resource. |
| Resource Name | Name of Import Capacity Resource (or External Contract). |
| External Interface | Name of External Interface (Tie). |
| External Control Area | Name of External Control Area. |
| Capacity Zone ID | Effective with the Existing Capacity Qualification for the second Forward Capacity Auction (Capacity Commitment Period 2011-2012), this column is no longer used and will be reported as NULL. |
| Capacity Zone Name | Effective with the Existing Capacity Qualification for the second Forward Capacity Auction (Capacity Commitment Period 2011-2012), this column is no longer used and will be reported as NULL. |
| Summer Qualified Capacity | Summer Qualified Capacity for the FCA. |
| Winter Qualified Capacity | Winter Qualified Capacity for the FCA. |
| Low Winter Qualified Capacity Indicator | Effective with the Existing Capacity Qualification for the tenth Forward Capacity Auction (Capacity Commitment Period 2019-2020), this column will be reported as NULL. |
| Adjusted Winter Qualified Capacity | Effective with the Existing Capacity Qualification for the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), this column is no longer used and will be reported as NULL. |

| SP_EXISTCAPQUAL Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure. The description for "Low Winter Qualified Capacity Indicator" in the "Generating Capacity Resources," "Demand Resources," and "Import Capacity Resources" sections has been updated effective with the FCA for Capacity Commitment Period 2019-2020. The report will be issued 05.08.2015. | 05.08.2015 |
| Existing. Section Generating Capacity Resources, added new column "Adjusted Winter Qualified Capacity". Section Intermittent Power Resources added new column "Adjusted Winter Qualified Capacity" and column "Low Winter Qualified Capacity Indicator" is no longer being used. Section Demand Resources, added new columns "Calculated Summer Seasonal Demand Reduction Value" (at the end), "Calculated Winter Seasonal Demand Reduction Value" (following Calculated Summer Seasonal Demand Reduction Value) and "Adjusted Winter Qualified Capacity" (following Calculated Winter Seasonal Demand | 06.10.2010 |

| SP_EXISTCAPQUAL Change Summary | Effective Date |
|--|----------------|
| Reduction Value). Columns "Maximum Interruptible Capacity" and "Current Adjusted ICAP Resource Capability" are no longer being used. Section "Import Capacity Resources ", added new column "Adjusted Winter Qualified Capacity" (at the end), columns "Capacity Zone Name" and "Capacity Zone ID" are no longer being used. | |

| SP_FCARESULT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESULT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Tab 1 (Resource Total) | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation (no longer applicable to FCAs held for Commitment Periods subsequent to 2020-2021) • Import: Grandfathered |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Final Capacity Zone ID [Obsolete] | The numerical identifier of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Final Capacity Zone Name [Obsolete] | The name of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| External Interface Name | The name of the External Interface. |
| Commitment Period Month | The month in the Capacity Commitment Period. |
| Qualified Capacity | For the summer months, the Resource's FCA Qualified Capacity MW value. For the winter months, the Resource's winter Qualified Capacity MW. |
| Retired or Permanently De-listed | The total MW value of retirement de-list bids and permanent de-list bids cleared for the Resource in the Forward Capacity Auction, and demand bids cleared for the Resource in the substitution auction. |
| Total Withdrawn | The total MW value for all de-list bid types cleared for the Resource in the Forward Capacity Auction and demand bids cleared for the Resource in the substitution auction. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Auction. |
| Self-Supply Obligation | The MW value of the Resource's total Self-Supply Capacity Obligation MW. |
| Estimated FCA Payment | The sum of payments for all Capacity Supply Obligation types. |
| FCA Financial Assurance MW [Obsolete] | The total MW value for which the New Capacity Resource has acquired an obligation and is subject to financial assurance. The customer's financial assurance requirement will be the maximum MW value in the 12 month period reflected in this column for each New Capacity Resource. Effective with the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), this column is no longer used and will be reported as NULL. |

| SP_FCARESULT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESULT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Tab 2 (Resource Details) | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> Generator: Intermittent Demand: RT Emergency Generation (no longer applicable to FCAs held for Commitment Periods subsequent to 2020-2021) Import: Grandfathered |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Final Capacity Zone ID [Obsolete] | The numerical identifier of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Final Capacity Zone Name [Obsolete] | The name of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| External Interface Name | The name of the External Interface. |
| Commitment Period Month | The month in the Capacity Commitment Period. |
| Qualified Capacity | For the summer months, the Resource's FCA Qualified Capacity MW value. For the winter months, the Resource's winter Qualified Capacity MW. |
| Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Auction. |
| Obligation Type | The type of capacity supply obligation. Valid types are: <ul style="list-style-type: none"> Retained for Reliability Existing Capacity Offer New Capacity Offer Multiyear Rate Existing Capacity Offer Composite Offer Winter Contrib-Existing Cap Offer Composite Offer Winter Contrib-New Cap Offer Self Supply-Existing Cap Offer Self Supply-New Cap Offer |
| Payment Rate | FCA Payment Rate in \$/kW-Month for the Capacity Supply Obligation associated with Resource Type, Location (Capacity Zone or External Interface) and Obligation Type. |
| Estimated FCA Payment | The product of the Capacity Supply Obligation and the payment rate. |
| Special Provision | A column noting any special considerations regarding reported auction results. Valid values are: <ul style="list-style-type: none"> Rejected for MW Proration |

| SP_FCARESLT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESLT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | (Note: Effective with the fourth Forward Capacity Auction, if the Capacity Clearing Price Collar is reached and a resource's subsequent MW proration request is denied, the resource will be paid the Capacity Clearing Price) |
| Tab 3 (Resource De-list Details) | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Type. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation (no longer applicable to FCAs held for Commitment Periods subsequent to 2020-2021) • Import: Grandfathered |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Final Capacity Zone ID [Obsolete] | The numerical identifier of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Final Capacity Zone Name [Obsolete] | The name of the Capacity Zone in which an offer or bid for the Resource cleared in the Forward Capacity Auction. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| External Interface Name | The name of the External Interface. |
| De-list Type | The type of de-list bid cleared in the Forward Capacity Auction. Valid types are: <ul style="list-style-type: none"> • Retirement • Permanent • Static • Dynamic • Administrative • Export |
| De-list Bid | The MW value of the de-list bid. |
| De-list Bid Price | The price of the de-list bid. |
| Accepted/Rejected | Identify whether or not the de-list bid was accepted in the reliability review. Valid types are: Accepted, Rejected, Not_Analyzed, Review_Not_Requested |
| De-listed Capacity | The cleared de-listed MW. |
| Tab 4 (Capacity Zone) | |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |

| SP_FCARESLT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESLT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Modeled Capacity Zone Type | The type of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. Valid types are: <ul style="list-style-type: none"> • Import • Export • Rest of Pool |
| Local Sourcing Requirement [Obsolete] | The minimum amount of capacity that must be acquired within an import-constrained Capacity Zone. Effective the eleventh Forward Capacity Auction (Capacity Commitment Period 2020-2021), this column is no longer used and will be reported as NULL. |
| Maximum Capacity Limit [Obsolete] | The maximum amount of capacity that can be procured in an export-constrained Capacity Zone. Effective the eleventh Forward Capacity Auction (Capacity Commitment Period 2020-2021), this column is no longer used and will be reported as NULL. |
| Capacity Supply Obligation | <p>The MW value of capacity acquired in the Capacity Zone through the Forward Capacity Auction including, for FCAs held for Commitment Periods 2020-2021 or earlier, Real-Time Emergency Generation capacity capped by Real-Time Emergency Generation capacity limit.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| RTEG Capacity Supply Obligation [Obsolete] | The MW value of capacity from Real-Time Emergency Generation. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Self-Supply Obligation | <p>The MW value of Self-Supply Capacity.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| Administrative Pricing [Obsolete] | <p>A column noting whether an administrative pricing condition applies in the FCA. Appropriate values are:</p> <ul style="list-style-type: none"> • Not Applicable • CCP Collar – Floor <p>Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL.</p> |
| Capacity Clearing Price | The clearing price for the Capacity Zone. |
| Payment Rate [Obsolete] | <p>The rate paid to some or all Capacity Resources in the Capacity Zone (other than RTEG Capacity Resources), which may be different than the Capacity Clearing Price due to one of the following conditions (specified by Administrative Pricing column):</p> <p>CCP Floor</p> <p>Rate adjusted for excess Capacity and paid to both New and Existing Capacity.</p> <p>Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL.</p> |
| RTEG Payment Rate [Obsolete] | The Capacity Clearing Price adjusted for excess RT Emergency Generation. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |

| SP_FCARESULT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESULT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CSO Awarded in Second Clearing Run | <p>Pursuant to Permanent De-List Bid and Retirement De-List Bid processing described in Section III.13.2.5.2.1 of Market Rule 1, it is the MW quantity of Capacity that cleared in the second run of the auction-clearing process for the Capacity Zone to replace Capacity withdrawn via Permanent De-List Bid or Retirement De-List Bid.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| Payment Rate for CSO Awarded in Second Clearing Run | The payment rate for the Capacity Zone resulting from the second run of the auction-clearing process. It is applicable only to “CSO Awarded in Second Clearing Run”. |
| SA Pooled Zone Flag | <p>A flag indicating whether, in the determination of cleared bid and offer quantities in the substitution auction, the given:</p> <ul style="list-style-type: none"> a) non-nested Capacity Zone was pooled with the Rest-of-Pool Capacity Zone; or b) nested Export-Constrained Capacity Zone was pooled with its associated Export-Constrained Capacity Zone |
| SA Available Transfer Quantity | <p>For Import-Constrained Capacity Zones, it is the MW quantity of supply that can be transferred out of the zone in the substitution auction.</p> <p>For Export-Constrained Capacity Zones, it is the MW quantity of supply that can be transferred into the zone in the substitution auction.</p> |
| Cleared SA Supply Offers | <p>The total MW quantity of supply offers in the given Capacity Zone that cleared in the substitution auction.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| Cleared SA Demand Bids | <p>The total MW quantity of Demand Bids in the given Capacity Zone, inclusive of demand bids associated with Proxy De-List Bids, that cleared in the substitution auction.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| SA Net Cleared CSO | <p>The difference between the total supply offers and total demand bids in the given Capacity Zone that cleared in the substitution auction.</p> <p>For an Export-Constrained Capacity Zone containing a nested Export-Constrained Capacity Zone, this value is inclusive of the nested zone.</p> |
| SA Clearing Price | The substitution auction clearing price for the given Capacity Zone. |
| Tab 5 (External Interface) | |
| External Interface Name | The name of the External Interface. |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Control Area | The name of the External Control Area. |

| SP_FCARESLT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESLT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Capacity Transfer Limit | The transfer limit of the interface. |
| Capacity Supply Obligation | The MW value of import capacity acquired over the External Interface through the Forward Capacity Auction. |
| Grandfathered Import Capacity Supply Obligation [Obsolete] | The MW value of import capacity acquired over the External Interface through the Forward Capacity Auction from Import Capacity Resources granted priority access to the interface. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Self-Supply Obligation | The MW value of Self-Supply Capacity cleared at the interface in the Forward Capacity Auction. |
| Administrative Pricing [Obsolete] | A column noting whether an administrative pricing condition applies in the FCA. Appropriate values are: <ul style="list-style-type: none"> Not Applicable CCP Collar – Floor Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Capacity Clearing Price | The external interface Clearing Price. |
| Payment Rate [Obsolete] | The rate paid to some or all Capacity Resources on the external interface, which may be different than the Capacity Clearing Price due to one of the following conditions (specified by Administrative Pricing column): CCP Floor Rate adjusted for excess Capacity and paid to both New and Existing Capacity. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| CSO Awarded in Second Clearing Run | Pursuant to Permanent De-List Bid and Retirement De-List Bid processing described in Section III.13.2.5.2.1 of Market Rule 1, it is the MW quantity of Capacity that cleared in the second run of the auction-clearing process for the External Interface to replace Capacity withdrawn via Permanent De-List Bid or Retirement De-List Bid. |
| Payment Rate for CSO Awarded in Second Clearing Run | The payment rate for the External Interface resulting from the second run of the auction-clearing process. It is applicable only to “CSO Awarded in Second Clearing Run”. |
| SA Available Transfer Quantity | The MW quantity of supply that can be transferred into New England over the given external interface in the substitution auction. |
| Cleared SA Supply Offers | The total MW quantity of supply offers on the given External Interface that cleared in the substitution auction. |
| Cleared SA Demand Bids | The total MW quantity of Demand Bids on the given External Interface, inclusive of demand bids associated with Proxy De-List Bids, that cleared in the substitution auction. |
| SA Net Cleared CSO | The difference between the total supply offers and total demand bids on the given External Interface that cleared in the substitution auction. |
| SA Clearing Price | The substitution auction clearing price for the given External Interface. |
| Tab 6 (Control Area) | |
| Commitment Period | The one-year period from June 1 through May 31. |

| SP_FCARESULT – Forward Capacity Auction Result Report – Rev 10 SP_FCARESULT_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually after the Forward Capacity Auction | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Installed Capacity Requirement | The level of capacity required to meet the reliability requirements defined for the New England Control Area. |
| HQICC | The total MW value of the Hydro Quebec Interconnection Capability Credits. |
| Net Installed Capacity Requirement | The Installed Capacity Requirement minus the HQICC. |
| Capacity Supply Obligation | The MW value of capacity acquired in the Control Area through the Forward Capacity Auction including, for FCAs held for Commitment Periods 2020-2021 or earlier, Real-Time Emergency Generation capacity capped by Real-Time Emergency Generation capacity limit. |
| RTEG Capacity Supply Obligation [Obsolete] | The total MW value of Real Time Emergency Generation capacity. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| RTEG Utilization Ratio [Obsolete] | The ratio used to adjust the payment rate for Real Time Emergency Generation. Effective with the thirteenth Forward Capacity Auction (Capacity Commitment Period 2022-2023), this column is no longer used and will be reported as NULL. |
| Self-Supply Obligation | The total Self-Supply Capacity Obligation MW for the Control Area. |
| Import Capacity Supply Obligation | The total Import Capacity Supply Obligation MW for the Control Area. |
| Cleared Demand | The MW value of cleared demanded Capacity across the system. |
| RTR Capacity Supply Obligation | The total Capacity Supply Obligation MWs for Capacity with RTR treatment, for the Control Area. |
| CSO Awarded in Second Clearing Run | Pursuant to Permanent De-List Bid and Retirement De-List Bid processing described in Section III.13.2.5.2.1 of Market Rule 1, it is the MW quantity of Capacity that cleared in the second run of the auction-clearing process for the Control Area to replace Capacity withdrawn via Permanent De-List Bid or Retirement De-List Bid. |
| Total Cleared SA Supply Offers | The total MW quantity of supply offers in the Control Area that cleared in the substitution auction. |
| Tab 7 (Substitution Auction Demand Bid) | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Type. Appropriate values are: <ul style="list-style-type: none"> Generator: Intermittent Import: Grandfathered |
| Modeled Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Modeled Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. |
| Bid Quantity | The MW value of the demand bid. |
| Reliability Review | The result of the reliability review performed on the demand bid. Valid results are Accepted and Rejected |

| SP_FCARESULT – Forward Capacity Auction Result Report – Rev 10 | |
|--|----------------------------|
| SP_FCARESULT_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Annually after the Forward Capacity Auction | |
| REPORT COLUMN | DESCRIPTION |
| Withdrawn Capacity | The cleared demand bid MW. |

| SP_FCARESULT Change Summary | Effective Date |
|--|----------------|
| Modified. Effective for the FCA for Capacity Commitment Period 2023-2024, clarifications were made to column descriptions to support the incorporation of nested Export-Constrained Capacity Zones. The following column descriptions were modified: in the “Resource Total” section, “Resource Subtype”; in the “Resource Detail” section, “Resource Subtype”; in the “Resource De-list Details” section, “Resource Subtype”; in the “Capacity Zone” section, “Capacity Supply Obligation”, “Self-Supply Obligation”, “CSO Awarded in Second Clearing Run”, “SA Pooled Zone Flag”, “Cleared SA Supply Offers”, “Cleared SA Demand Bids”, and “SA Net Cleared CSO”; in the “Control Area” section, “Capacity Supply Obligation”; and in the “Substitution Auction Demand Bid” section, “Resource Subtype”. | 02.03.2020 |
| Modified. Effective for the FCA for Capacity Commitment Period 2022-2023, in the “Resource Total” section: the “Final Capacity Zone ID” and “Final Capacity Zone Name” columns were made obsolete and the “Total De-listed” column was renamed “Total Withdrawn”. In the “Resource Details” section, the “Final Capacity Zone ID” and “Final Capacity Zone Name” columns were made obsolete. In the “Resource De-list Details” section, the “Final Capacity Zone ID” and “Final Capacity Zone Name” columns were made obsolete. In the “Capacity Zone” section, The following columns were made obsolete: “RTEG Capacity Supply Obligation”, “Administrative Pricing”, “Payment Rate”, and “RTEG Payment Rate”; the following edits were made to existing column headers: “CSO Due to Resource Retirement” was renamed “CSO Awarded in Second Clearing Run” and “Payment Rate for CSO Due to Resource Retirement” was renamed to “Payment Rate for CSO Awarded in Second Clearing Run”; and the following columns were added: “SA Pooled Zone Flag”, “SA Available Transfer Quantity”, “Cleared SA Supply Offers”, “Cleared SA Demand Bids”, “SA Net Cleared CSO”, and “SA Clearing Price”. In the “External Interface” section, The following columns were made obsolete: “Grandfathered Import Capacity Supply Obligation”, “Administrative Pricing”, and “Payment Rate”; the following edits were made to existing column headers: “CSO Due to Resource Retirement” was renamed “CSO Awarded in Second Clearing Run” and Payment Rate for CSO Due to Resource Retirement” was renamed to “Payment Rate for CSO Awarded in Second Clearing Run”; and the following columns were added: “SA Available Transfer Quantity”, “Cleared SA Supply Offers”, “Cleared SA Demand Bids”, “SA Net Cleared CSO”, and “SA Clearing Price”. In the “Control Area” section, the following columns were made obsolete: “RTEG Capacity Supply Obligation” and “RTEG Payment Rate”; the “CSO Due to Resource Retirement” column was renamed “CSO Awarded in Second Clearing Run”; and the “Total Cleared SA Supply Offers” column was added. The “Substitution Auction Demand Bid” section was added. | 02.04.2019 |
| Modified. In the "Capacity Zone" section, the “Local Sourcing Requirement” and “Maximum Capacity Limit” columns were made obsolete effective for the FCA for Capacity Commitment Period 2021-2022. | 02.05.2018 |
| Modified. Effective with the FCA for Capacity Commitment Period 2020-2021, in the “Resource Total” section: the “Permanent De-Listed” column name was changed to “Retired or Permanently De-Listed” and the description was modified. In the “Resource De-list Details” section: the “De-list Type” description was modified; “Review_Not_Requested” was added as a new type for the “Accepted/Rejected” column. In the “Capacity Zone” section: the descriptions for “Administrative Pricing” and “Payment Rate” were updated; “CSO Due to Resource Retirement” and “Payment Rate for CSO Due to Resource Retirement” columns were added. In the “External Interface” section: the descriptions for “Administrative Pricing” and “Payment Rate” were updated; the “CSO Due to Resource Retirement”, and “Payment Rate for CSO Due to Resource Retirement” columns were added. In the “Control Area” section: the “Adjusted | 02.06.2017 |

| SP_FCARESLT Change Summary | Effective Date |
|--|----------------|
| Demand at Capacity Clearing Price" column name was changed to "Cleared Demand" and the description was modified; the "CSO Due to Resource Retirement" column was added. | |
| Modified. Effective with the FCA for Capacity Commitment Period 2019-2020, in the "Resource Details" section: the "Special Provision" description was modified; in the "Capacity Zone" section and the "External Interface" section: the "Administrative Pricing" and the "Payment Rate" descriptions were modified; in the "Control Area" section: the column heading "Demand at Capacity Clearing Price" was changed to "Adjusted Demand at Capacity Clearing Price" and the description was modified, a new column "RTR Capacity Supply Obligation" was added. | 02.08.2016 |
| Modified. Effective with the FCA for Capacity Commitment Period 2017-2018, in the Resource De-list Details section, a new type of "Not_Analyzed" was added to the "Accepted/Rejected" column. Effective with the FCA for Capacity Commitment Period 2017-2018, the definitions of the "Qualified Capacity" columns in the Resource Total section and the Resource Details section were modified. Effective with the FCA for Capacity Commitment Period 2018-2019, in the Control Area section, a new column "Demand at Capacity Clearing Price" was added. | 02.02.2015 |
| Modified. The definitions of Payment Rate for Capacity Zone (Tab 4) and External Interface (Tab 5) have been changed, effective with the FCA for Capacity Commitment Period 2016-2017. | 02.08.2013 |
| Modified. In the "Resource Total" section, the "FCA Financial Assurance MW [obsolete]" column will replace the "FCA Financial Assurance MW" column effective 12/01/2010. Starting with the 2012 commitment period and going forward, the modified column will appear on the report. | 12.01.2010 |
| Existing. Effective with the third Forward Capacity Auction (Capacity Commitment Period 2012-2013), the "FCA Financial Assurance MW" column will no longer be used and will be reported as NULL. This report will be released a few days after the FCM clears the first week of October. | Not available |
| Modified. Resource Total section: clarified definition of "Qualified Capacity" as "seasonal" and renamed "FCA Payment" column to "Estimated FCA Payment". Resource Details section: clarified definition of "Qualified Capacity" as "seasonal" and detailed "Obligation Type" to be "Composite Offer Winter Contrib-Existing Cap Offer" or "Composite Offer Winter Contrib-New Cap Offer" as opposed to solely "Composite Offer Winter Contrib-Contribution", detailed "Self-Supply" to be "Self Supply-Existing Cap Offer" or "Self Supply-New Cap Offer", renamed "FCA Payment" column to "Estimated FCA Payment", and added column "Special Provision". The first version of this revised report is expected to be released early August 2010 effective with reporting of data for Capacity Commitment Period 2013-2014. | 08.01.2010 |

SP_FCMANNUALPEAK – Special Annual Peak Load Report – Rev 1

SP_FCMANNUALPEAK_<customer id>_settlement date_version.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mi:ss GMT

Availability: Preliminary evaluation period report issued in the fall of the calendar year which will include the period from January through the Evaluation Period End Date. Annual report issued after Real-Time Energy settlements for the entire calendar year have been completed.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Pool | |
| Peak Date | The date when the pool annual peak occurred. |
| Peak Hour | The hour when the pool annual peak occurred. |
| Annual Peak Load | Total load for the pool at the time of the annual peak. |
| Pool Positive Load | Pool total of positive load MW values at the time of the annual pool peak. |
| Evaluation Period End Date | The ending date for the evaluation period included in the report set. The evaluation period will always begin on January 1 st of the calendar year being evaluated. |
| Metering Domain | |
| Metering Domain ID | Numerical identifier for the Metering Domain. |
| Metering Domain Description | Name of the Metering Domain. |
| Metering Domain Coincidental Peak Load | Total load for the Metering Domain at the time of the annual pool peak. |
| Metering Domain Positive Peak Load | Metering Domain total of positive load MW values at the time of the annual pool peak. |
| Load Asset Detail | |
| Load Asset ID | Numerical identifier for the Load Asset. |
| Load Asset Name | Name of the Load Asset. |
| Load Asset Type | Specified Load Asset type. |
| Metering Domain ID | Numerical Identifier for the Metering Domain in which the Load Asset is located. |
| Metering Domain Description | Name of the Metering Domain in which the Load Asset is located. |
| Meter Reader Customer ID | Customer ID of the responsible party for meter reading of the given asset. |
| Load Zone ID | Numerical identifier for the Load Zone, to which the Load Asset is electrically connected. |
| Load Zone Description | Name of the Load Zone, to which the Load Asset is electrically connected. |
| Metered Status | A flag indicating the metering status of the Load Asset. "Y" indicates the load is metered, "N" indicates the load is unmetered. |
| Load Asset Metered MW | Metered or Unmetered MW for the load asset at the time of the annual pool peak. |

| SP_FCMANNUALPEAK Change Summary | Effective Date |
|---|----------------|
| Modified. No changes in report structure, only data change. The "Load Asset Detail" section will include metered MW for Dispatchable or Non Dispatchable (excluding PUMP STORAGE, STATION SERVICE) ARD Assets in addition to Load Assets effective commitment period June 2011 and the CSV file will be posted early 2011 for CP 2011. | 06.01.2011 |
| Modified. The Report Description has been changed. | 01.01.2008 |

SP_METERADJ – Meter Reading Adjustment Report – Rev 1

SP_METERADJ_<customer id>_<settlement date>_<version>.CSV

Availability: Daily to Customers who are the Host Participant of a metering domain. The report provides a listing of any adjusted meter readings sent by other meter readers for the Host Participant's metering domain, for the Data Reconciliation Process resettlement.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Report Format With Data | |
| Component | Defines the type of upload file. This type should be "Meter" for Generator, Load and Tie Line asset meter readings. |
| File Type | Contains the interval period of the meter readings |
| Group Separator | *** |
| Customer Identifier | Customer's identification number. |
| Asset ID | Numerical identifier for the asset |
| Asset Type | Specified Asset type, such as: <ul style="list-style-type: none">• Unit• Load• Tie Line |
| Date | Specific day for which the information is provided. |
| Hour Ending | Specific hour of the day, defined by the end of the hour, for which the information is reported. For example, the trading interval between midnight and 1:00 am is reported as '1'. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Meter Reading | Participant submitted meter reading for the Hour Ending. |
| Report Format Without Data | |
| Date | "NO new meter reading found for MM/DD/YYYY" |

Note: The report column names are not included in the actual report that is generated; only the actual values appear in the generated report. Refer to the corresponding template and sample files for exact file details.

SP_METERADJ5MIN – Special Meter Reading Adjustment Five Minute Report – Rev 0

SP_METERADJ5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to Customers who are Participants with an ownership share of a directly metered asset.

| REPORT COLUMN | DESCRIPTION |
|------------------|---|
| Asset ID | Numerical identifier for the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none">• GENERATOR• LOAD• TIE LINE• ASSET RELATED DEMAND |
| Day | Specific day for which the information is provided. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Meter Reading | Participant submitted meter reading for the Hour Ending. |

Note: The report column names are not included in the actual report that is generated; only the actual values appear in the generated report. Refer to the corresponding template and sample files for exact file details.

| SP_METERADJ5MIN Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 03.01.2017 |

SP_METERDIRECT – Special Directly Metered Report – Rev 1

SP_METERDIRECT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to customers who are participants with an ownership share of a directly metered asset.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------|--|
| DIRECTLY METERED Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Type | Specified Asset type such as; <ul style="list-style-type: none">• ASSET RELATED DEMAND• GENERATOR• LOAD• TIE LINE |
| Asset Sub-Type | Asset Related Demand subtypes include: <ul style="list-style-type: none">• ENERGY STORAGE• PUMP STORAGE• STATION SERVICE Generator asset subtypes include, but are not limited to: <ul style="list-style-type: none">• COAL GASIFICATION• COMBINED CYCLE• COMPRESSED AIR STORAGE• GAS TURBINE• HYDRO: PUMPED STORAGE• PHOTOVOLTAIC• STEAM TURBINE Load asset subtypes include: <ul style="list-style-type: none">• LOSSES• NORMAL• STATION SERVICE Tie line asset subtypes include: <ul style="list-style-type: none">• COMPOSITE• EHV• LV |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Location Type | Node, Zone, Hub or Metering Domain. |
| Ownership Share | Ownership Share is a right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a generating unit asset or Load Asset, where such unit or load is interconnected to the New England Transmission System. This field should be left blank for |

SP_METERDIRECT – Special Directly Metered Report – Rev 1

SP_METERDIRECT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to customers who are participants with an ownership share of a directly metered asset.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | tie lines. |
| Current Asset Reading | The current MW value of the Asset. (For a tie line, this reading will have the opposite sign for the Host Participant of the Receiver Domain.) |
| Share of Current Asset Reading | Current Asset Reading MW value allocated to Participant based on ownership share. (For a tie line, this field will be equal to the Current Asset Reading.) |
| Submittal Date of Current Asset Reading | The submittal date of the Current Asset Reading. |
| Last Billed Asset Reading | The MW value of the Asset included in the last bill. (For a tie line, this reading will have the opposite sign for the Host Participant of the Receiver Domain.) |
| Share of Last Billed Asset Reading | Last Billed Asset Reading MW value allocated to Participant based on ownership share. (For a tie line, this field will be equal to the Last Billed Asset Reading.) |
| Bill Date | Date of bill containing Last Billed Asset Reading. |
| Changed from Last Billed Asset Reading (Y/N) | A flag indicating whether the Current Asset Reading has changed since it was included on the bill issued on Bill Date. (Value = 'Y' or 'N') |

| SP_METERDIRECT Change Summary | Effective Date |
|---|----------------|
| Modified. Updated list of asset subtypes | 09.17.2019 |
| Existing. | 03.01.2003 |

SP_METERDIRECT5MIN – Special Directly Metered Five Minute Report – Rev 1

SP_METERDIRECT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to customers who are participants with an ownership share of a directly metered asset.

| REPORT COLUMN | DESCRIPTION |
|--------------------------|--|
| Directly Metered Section | |
| Asset ID | Numerical identifier for the asset. |
| Asset Type | Specified Asset type such as; <ul style="list-style-type: none">• ASSET RELATED DEMAND• GENERATOR• LOAD• TIE LINE |
| Asset Sub-Type | Asset Related Demand subtypes include: <ul style="list-style-type: none">• ENERGY STORAGE• PUMP STORAGE• STATION SERVICE Generator asset subtypes include, but are not limited to: <ul style="list-style-type: none">• COAL GASIFICATION• COMBINED CYCLE• COMPRESSED AIR STORAGE• GAS TURBINE• HYDRO: PUMPED STORAGE• PHOTOVOLTAIC• STEAM TURBINE Load asset subtypes include: <ul style="list-style-type: none">• LOSSES• NORMAL• STATION SERVICE Tie Line asset subtypes include: <ul style="list-style-type: none">• COMPOSITE• EHV• LV |
| Day | Specific day for which the information is provided. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Location Type | Node, Zone, Hub or Metering Domain. |
| Ownership Share | Ownership Share is a right or obligation, for purposes of settlement, to a |

SP_METERDIRECT5MIN – Special Directly Metered Five Minute Report – Rev 1

SP_METERDIRECT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to customers who are participants with an ownership share of a directly metered asset.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | percentage share of all credits or charges associated with a generating unit asset or Load Asset, where such unit or load is interconnected to the New England Transmission System. This field should be left blank for tie lines. |
| Current Asset Reading | The current MW value of the Asset. (For a tie line, this reading will have the opposite sign for the Host Participant of the Receiver Domain.) |
| Share of Current Asset Reading | Current Asset Reading MW value allocated to Participant based on ownership share. (For a tie line, this field will be equal to the Current Asset Reading.) |
| Submittal Date of Current Asset Reading | The submittal date of the Current Asset Reading. |
| Last Billed Asset Reading | The MW value of the Asset included in the last bill. (For a tie line, this reading will have the opposite sign for the Host Participant of the Receiver Domain.) |
| Share of Last Billed Asset Reading | Last Billed Asset Reading MW value allocated to Participant based on ownership share. (For a tie line, this field will be equal to the Last Billed Asset Reading.) |
| Bill Date | Date of bill containing Last Billed Asset Reading. |
| Changed from Last Billed Asset Reading (Y/N) | A flag indicating whether the Current Asset Reading has changed since it was included on the bill issued on Bill Date. (Value = 'Y' or 'N') |

| SP_METERDIRECT5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. Updated list of asset subtypes | 09.17.2019 |
| New. | 03.01.2017 |

SP_METERDOMAIN – Special Metering Domain Unmetered Load Report – Rev 3

SP_METERDOMAIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation period, available to Customers who are the Host Participant of a specified Metering Domain.

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| Special Metering Domain LD Section | |
| Metering Domain | Identification number of metering domain. A collection of Nodes with associated generator, Load and Tie Line assets. The Metering Domain exists for the purpose of balancing load, generation and tie lines. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Type | Specified Asset type such as: <ul style="list-style-type: none">• ASSET RELATED DEMAND• GENERATOR• LOAD• TIE LINE |
| Asset Subtype | Asset Related Demand subtypes include: <ul style="list-style-type: none">• ENERGY STORAGE• PUMP STORAGE• STATION SERVICE Generator asset subtypes include, but are not limited to: <ul style="list-style-type: none">• COAL GASIFICATION• COMBINED CYCLE• COMPRESSED AIR STORAGE• GAS TURBINE• HYDRO: PUMPED STORAGE• PHOTOVOLTAIC• STEAM TURBINE Load asset subtypes include: <ul style="list-style-type: none">• LOSSES• NORMAL• STATION SERVICE Tie Line asset subtypes include: <ul style="list-style-type: none">• COMPOSITE• EHV• LV |
| Monitor Metering Domain (Y/N) | Associated with TIE LINE assets. “Y” if the specified Metering Domain is the Monitoring Domain. “N” if it is the receiver. |
| Meter Reader Customer ID | Customer ID of the responsible party for meter reading of the given asset. |
| Meter Reading (Input) | Input value of the meter reading. |

SP_METERDOMAIN – Special Metering Domain Unmetered Load Report – Rev 3

SP_METERDOMAIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation period, available to Customers who are the Host Participant of a specified Metering Domain.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|--|
| Meter Reading (Calculation) | Calculation value of meter reading. |
| Monitor Metering Domain Customer ID | Associated with TIE LINE assets. The Customer ID of the responsible party of the Monitoring Metering Domain. |
| Receiver Metering Domain Customer ID | Associated with TIE LINE assets. The Customer ID of the responsible party of the Receiver Metering Domain. |
| Hourly RQM Submittal (Y/N) | Indicator that the Meter Reading value was submitted at the Hourly time interval. |

| SP_METERDOMAIN Change Summary | Effective Date |
|--|----------------|
| Modified. Updated list of asset subtypes | 09.17.2019 |
| Modified. Added column “Hourly RQM Submittal (Y/N)”. | 03.01.2017 |
| Modified. Added columns “Monitor Metering Domain Customer ID” and “Receiver Metering Domain Customer ID.” | 02.03.2016 |
| Existing. | 03.01.2003 |

SP_METERPROFILED – Special Profiled Load Report – Rev 2

SP_METERPROFILED <customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: During the data reconciliation process, available to customers who are participants with an ownership share of a Profiled Load Asset.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| LOAD OBLIGATIONS Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Name | Name of the asset. |
| Asset ID | Numerical identifier for the asset. |
| Asset Sub-Type | Asset Related Demand subtypes include: <ul style="list-style-type: none"> ENERGY STORAGE PUMP STORAGE STATION SERVICE Load asset subtypes include: <ul style="list-style-type: none"> LOSSES NORMAL STATION SERVICE |
| Location ID | Location Identification Number. |
| Location Name | Location Name. |
| Location Type | Node, Zone, Hub or Metering Domain. |
| Ownership Share | Ownership Share is a right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with a generating unit asset or Load Asset, where such unit or load is interconnected to the New England Transmission System. |
| Current Load Asset Reading | The current MW value of the Load Asset. |
| Share of Current Load Asset Reading | Current Load Asset Reading MW value allocated to Participant based on ownership share. |
| Submittal Date of Current Load Asset Reading | The submittal date of the Current Load Asset Reading. |
| Last Billed Load Asset Reading | The MW value of the Load Asset included in the last bill. |
| Share of Last Billed Load Asset Reading | The Last Billed Load Asset Reading MW value allocated to Participant based on ownership share. |
| Bill Date | Date of bill containing Last Billed Load Asset Reading. |
| Changed from Last Billed Load Asset Reading (Y/N) | A flag indicating whether the Current Load Asset Reading has changed since it was included on the bill issued on Bill Date (Value is “Y” or “N”). |

| SP_METERPROFILED Change Summary | Effective Date |
|---|----------------|
| Modified. Updated Asset Sub-Type column description. | 09.17.2019 |
| Existing. | 03.01.2003 |

SP_MDO – Pre-ARA3 Maximum Demonstrated Output Report – Rev 1

SP_MDO_<customer id>_<date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is published prior to the opening of the third Annual Reconfiguration Auction bidding window to Participants who have a Capacity Supply Obligation.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Generator Assets | |
| Resource ID | Numerical identifier for the Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Asset Maximum Demonstrated Output | The Maximum Demonstrated Output of the Asset, based on meter readings in an evaluation period that starts either six years prior to the upcoming Capacity Commitment Period, or as of asset commercial operation, whichever is later. |
| Demand Response Resources | |
| Active Demand Capacity Resource ID | Numerical identifier for the Active Demand Capacity Resource. |
| DRR ID | Numerical identifier for the Demand Response Resource. |
| DRR Name | Name of the Demand Response Resource. |
| DRR Maximum Demonstrated Output | The Maximum Demonstrated Output of the Demand Response Resource, based on audit values in an evaluation period that starts either six years prior to the upcoming Capacity Commitment Period, or as of asset commercial operation, whichever is later. |
| On-Peak or Seasonal Peak Assets | |
| Resource ID | Numerical identifier for the Resource. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Resource Subtype | The FCM Resource Subtype. Appropriate values are: <ul style="list-style-type: none"> Seasonal Peak Demand Capacity Resource On Peak Demand Capacity Resource |
| Load Reduction Method | The Load Reduction Method. Appropriate values are: <ul style="list-style-type: none"> Distributed Generation Energy Efficiency Load Management |
| Asset Maximum Demonstrated Output | The Maximum Demonstrated Output of the Asset, based on performance in an evaluation period that starts either six years prior to the upcoming Capacity Commitment Period, or as of asset commercial operation, whichever is later. |
| Capacity Resources | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: <ul style="list-style-type: none"> Generator Demand |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> Generator: Intermittent Demand: Active Demand Capacity Resource, Seasonal Peak Demand Resource, On Peak Demand Resource |

SP_MDO – Pre-ARA3 Maximum Demonstrated Output Report – Rev 1

SP_MDO_<customer id>_<date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is published prior to the opening of the third Annual Reconfiguration Auction bidding window to Participants who have a Capacity Supply Obligation.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|--|
| Capacity Supply Obligation | The Resource's Capacity Supply Obligation projected for June 1 of the upcoming Capacity Commitment Period (includes activity up to the issue date of this report). |
| Resource Maximum Demonstrated Output | The sum of the Maximum Demonstrated Output of all the Assets mapped to the Resource on June 1 of the upcoming Capacity Commitment Period (reflects mappings on the issue date of this report). |

| SP_MDO Change Summary | Effective Date |
|--|----------------|
| Modified. Added new Capacity Resources section. | 02.01.2020 |
| New. | 02.12.2019 |

SP_MRARESULT – Monthly Reconfiguration Auction Result Report – Rev 0

SP_MRARESULT_customer_id_obligation_month_begin_version.CSV

Obligation_Month_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the monthly reconfiguration auction.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|--|
| Tab 1 (Resources) | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator, Demand and Import. |
| Resource Subtype | The FCM Resource Subtype, if applicable. Appropriate values are: <ul style="list-style-type: none"> • Generator: Intermittent • Demand: RT Emergency Generation • Import: Grandfathered |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Interface Name | The name of the External Interface. |
| Commitment Period | Capacity Commitment Period for which the monthly auction was run. Example: 2010-11, 2011-12, 2012-13 |
| Auction Name | Obligation Month / Year for which the monthly auction was run. Example: August 2010, February 2011, May 2011 |
| Supply Offer / Demand Bid | The MW amount submitted for a specific Supply Offer or Demand Bid. |
| Offer / Bid Type | The type of transaction submitted. Valid types are: OFFER, BID |
| Cleared MW | The total MW cleared for the transaction. <ul style="list-style-type: none"> • Cleared MW with Supply Offer / Demand Bid type = OFFER is reported as a positive value. • Cleared MW with Supply Offer / Demand Bid type = BID is reported as a negative value. |
| Rejected for Reliability Flag | Indicator to identify whether or not the transaction was accepted. Valid types are: Y or Null |
| Rejection Reason | The reason the transaction was rejected |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Monthly Reconfiguration Auction for the specific Capacity Zone or External Interface. |
| Reconfiguration Auction Charge/Credit | The amount in \$/Month that the Lead Participant will be credited or charged, calculated as the product of the Cleared MW and the Clearing Price. Charges are reported as negative values. |
| Tab 2 (Capacity Zone) | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone in which an offer or bid for the Resource cleared in the Monthly Reconfiguration Auction. |
| Capacity Zone Name | The name of the Capacity Zone in which an offer or bid for the Resource cleared |
| Capacity Zone Type | The type of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. Valid types are: <ul style="list-style-type: none"> • Import • Export • Rest of Pool |

SP_MRARESULT – Monthly Reconfiguration Auction Result Report – Rev 0

SP_MRARESULT_customer_id_obligation_month_begin_version.CSV

Obligation_Month_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the monthly reconfiguration auction.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|---|
| Commitment Period | Capacity Commitment Period for which the monthly auction was run. Example: 2010-11, 2011-12, 2012-13 |
| Auction Name | Obligation Month / Year for which the monthly auction was run. Example: August 2010, February 2011, May 2011 |
| Total Supply Offers Submitted | The total MW offered into the Monthly Reconfiguration Auction for the specific Capacity Zone. |
| Total Demand Bids Submitted | The total MW bid into the Monthly Reconfiguration Auction for the specific Capacity Zone. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Monthly Reconfiguration Auction for the specific Capacity Zone. |
| Total Demand Bids Cleared | The total Demand Bid MW cleared in the Monthly Reconfiguration Auction for the specific Capacity Zone. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of Total Supply Offers Cleared and Total Demand Bids Cleared |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Monthly Reconfiguration Auction for the specific Capacity Zone. |
| Tab 3 (External Interface) | |
| External Interface Name | The name of the External Interface. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| Capacity Zone Name | The name of the Capacity Zone to which the Resource is interconnected for the Forward Capacity Market. |
| External Control Area | The name of the External Control Area. |
| Commitment Period | Capacity Commitment Period for which the monthly auction was run. Example: 2010-11, 2011-12, 2012-13 |
| Auction Name | Obligation Month / Year for which the monthly auction was run. Example: August 2010, February 2011, May 2011 |
| Total Supply Offers Submitted | The total MW offered into the Monthly Reconfiguration Auction for the specific External Interface. |
| Total Demand Bids Submitted | The total MW bid into the Monthly Reconfiguration Auction for the specific External Interface. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Monthly Reconfiguration Auction for the specific External Interface. |
| Total Demand Bids Cleared | The total Demand Bids MW cleared in the Monthly Reconfiguration Auction for the specific External Interface. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of the Total Supply Offers Cleared and Total Demand Bids Cleared for the specific External Interface |
| Clearing Price | The Clearing Price in \$/kW-Month for the specific Monthly Reconfiguration Auction for the specific External Interface. |
| Tab 4 (Control Area) | |
| Commitment Period | Capacity Commitment Period for which the monthly auction was run. Example: 2010-11, 2011-12, 2012-13 |
| Auction Name | Obligation Month / Year for which the monthly auction was run. Example: August 2010, February 2011, May 2011 |

SP_MRARESULT – Monthly Reconfiguration Auction Result Report – Rev 0

SP_MRARESULT_customer_id_obligation_month_begin_version.CSV

Obligation_Month_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Upon auction approval, this report is published to Participants who have submitted supply offers or demand bids in the monthly reconfiguration auction.

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|--|
| Total Supply Offers Submitted | The total MW offered into the Monthly Reconfiguration Auction for the Control Area. |
| Total Supply Offers Cleared | The total Supply Offers MW cleared in the Monthly Reconfiguration Auction for the Control Area. |
| Total Demand Bids Submitted | The total MW bid into the Monthly Reconfiguration Auction for the Control Area. |
| Total Demand Bids Cleared | The total Demand Bids MW cleared in the Monthly Reconfiguration Auction for the Control Area. Total Demand Bids Cleared is reported as a negative value. |
| Net Capacity Cleared | Represents value in MW derived as the sum of Total Supply Offers Cleared and Total Demand Bids Cleared for the Control Area. |

| SP_MRARESULT Change Summary | Effective Date |
|---|----------------|
| New. The Monthly Reconfiguration Auction Result Report is published to Participants who have submitted supply offers or demand bids in the monthly reconfiguration auction. If an obligation period prior to 06/01/2010 is run, this report is not produced. First anticipated run date will be early 04/2010 for obligation period 06/2010. | 06.01.2010 |

SP_PEAKCONTRIBUTION – Special Peak Contribution Report – Rev 0

SP_PEAKCONTRIBUTION_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available at day 86 and day 100 of the data reconciliation cycle. Recipients are customers who are Participants with an ownership share of a Load or Asset Related Demand Asset and customers who are the assigned meter reader for a Load or Asset Related Demand Asset at any point during the month. For unmetered loads this will be the responsible customer for the metering domain of the asset. If a customer is both the owner and assigned meter reader/responsible customer for an asset, they will receive a single report for the asset.

Note: In the event that the meter reader or responsible customer changes mid-month a report will be issued to both customers showing only data for the days they were the meter reader or responsible customer.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Trading Date | Date for which the Coincident Peak Contribution value was reported. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset Type. |
| Ownership Share | Ownership Share is a right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset, where such asset is interconnected to the New England Transmission System. Note: This will be NULL in the report issued to the assigned meter reader. |
| Meter Reader Customer ID | Customer ID of the responsible party for the Peak Contribution of the given asset. Note: This will represent the responsible party for the metering domain for unmetered assets. |
| Current Asset Peak Contribution | The current Peak Contribution MW value of the Asset. |
| Share of Current Asset Peak Contribution | Current Asset Peak Contribution MW value allocated to Participant based on ownership share. Note: This will be NULL in the reports distributed to the assigned meter reader that do not have ownership in the asset. |
| Submittal Date of Current Asset Peak Contribution | The submittal date of the Current Asset Peak Contribution MW. |
| Last Billed Asset Peak Contribution | The Peak Contribution MW value of the Asset included in the last bill. |
| Share of Last Billed Asset Peak Contribution | The Last Billed Asset Peak Contribution MW value allocated to Participant based on ownership share. Note: This will be NULL in the reports distributed to the assigned meter reader that do not have ownership in the asset. |
| Bill Date | Date of bill containing Last Billed Asset Peak Contribution MW. |
| Changed from Last Billed Asset Peak Contribution (Y/N) | A flag (“Y” or “N”) indicating whether the Current Asset Peak Contribution MW has changed since it was included on the bill issued on Bill Date. |

| SP_PEAKCONTRIBUTION Change Summary | Effective Date |
|--|----------------|
| New. This is a monthly report which includes daily detail. It will be generated and published on the 86th and 100th day following the obligation month. | 06.01.2010 |

SP_PEAKCONTRIBUTIONDLY – Special Peak Contribution Daily Report – Rev 0

SP_PEAKCONTRIBUTIONDLY_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Available on a daily basis for the current month and prior month until the submittal window is closed for the prior month. Recipients are customers who are Participants with an ownership share of a Load or Asset Related Demand Asset and customers who are the Assigned Meter Reader for a Load or Asset Related Demand Asset at any point during the month. For unmetered loads this will be the responsible customer for the metering domain of the asset. If a customer is both the owner and assigned meter reader/responsible customer for an asset they will receive a single report for the asset.

Note: In the event that the meter reader or responsible customer changes mid-month a report will be issued to both customers showing only data for the days they were the meter reader or responsible customer.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Trading Date | Date for which the Peak Contribution value was reported. |
| Asset ID | Numerical identifier for an asset. |
| Asset Name | Name of the asset. |
| Asset Type | Specified Asset Type. |
| Meter Reader Customer Id | Customer ID of the responsible party for meter readings of the given asset. Note: This will represent the responsible party for the metering domain for unmetered assets. |
| Asset Peak Contribution | Daily Peak Contribution MW values submitted by the Assigned Meter Reader. |
| Ownership Share | Ownership Share is a right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset, where such asset is interconnected to the New England Transmission System. Note: This will be NULL in the reports distributed to the assigned meter reader. |
| Customer Share of Asset Peak Contribution | Peak Contribution MW value allocated to the Participant based on ownership share. Note: This will be NULL in the reports distributed to the assigned meter reader that do not have ownership in the asset. |

| SP_PEAKCONTRIBUTIONDLY Change Summary | Effective Date |
|--|----------------|
| New. This is a monthly report which includes daily details. The first anticipated run date is June 2, 2010. | 06.01.2010 |

| SP_PROJECTEDSHAREICR – Projected Share – Installed Capacity Requirement Report – Rev 2 SP_PROJECTEDSHAREICR_<customer id>_<commitment period begin>_<version>.CSV <Customer Name> Commitment_Period_Begin: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: 3 weeks prior to Self-Supply designation deadline. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Tab 1 (Capacity Zone) | |
| Capacity Zone ID | Numerical identifier for Capacity Zone in which the asset is electrically connected through a Load Zone |
| Capacity Zone Name | Name of Capacity Zone in which the asset is electrically connected through a Load Zone |
| Capacity Zone Projected ICR | Projected Share of Installed Capacity Requirement for Capacity Zone (MW). Export-constrained Capacity Zones <u>exclude</u> contributions from any associated nested Capacity Zone. |
| Customer Share of Capacity Zone Projected ICR | Customer's Projected Share of Installed Capacity Requirement for Capacity Zone (MW). |
| Capacity Zone Peak Contributions | The total Peak Contributions of all load and Dispatchable Asset Related Demand assets in the Capacity Zone for the subject Capacity Commitment Period. Export-constrained Capacity Zones <u>exclude</u> contributions from any associated nested Capacity Zone. The Capacity Zone Peak Contributions are from the calendar year ending December 31 of the year prior to the reference date*. |
| Tab 2 (Load) | |
| Asset ID | Numerical identifier for the asset (Load asset or Asset Related Demand). |
| Asset Name | Name of the asset. |
| Asset Type | Type of asset (Load or Asset Related Demand). |
| Capacity Zone ID | Numerical identifier for Capacity Zone in which the asset is electrically connected through a Load Zone |
| Capacity Zone Name | Name of Capacity Zone, in which the asset is electrically connected through a Load Zone |
| Peak Contribution MW | Load Asset's contribution to peak day and hour of demand for the associated Capacity Zone (as of reference date*). |
| Ownership Share | A right or obligation to a percentage share of all Credits or Charges associated with Load asset (as of reference date*). |
| Customer Share of Peak Contribution MW | Customer's Share of Load Asset's contribution to peak day and hour of demand for the associated Capacity Zone (as of reference date*). |

Note: The Capacity Zone Projected ICR values are for determining the total quantity of capacity that a load serving entity may designate for self-supply only and calculated pursuant to ISO-NE Market Rules and Manuals. The Capacity Zone Projected ICR values shown in this report are based on preliminary ICR values for the subject Capacity Commitment Period and will not necessarily be the same as those used when determining a Market Participant's actual capacity requirements during the Capacity Commitment Period.

*Reference date is the first day of the month prior to the report issuance date.

| SP_PROJECTEDSHAREICR Change Summary | Effective Date |
|--|----------------|
| Modified. In the "Capacity Zone" section, updated the description for the "Capacity Zone Projected ICR" and Capacity Zone Peak Contributions" columns. | 09.26.2019 |
| Modified. Section "Capacity Zone" new column "Capacity Zone Peak Contributions". The first version of this report may be released the end of this year or early next year for Capacity Commitment Period June 2015. | 06.01.2015 |

| | |
|-----------|------------|
| Existing. | 06.01.2010 |
|-----------|------------|

| SR_ARRDISTR – FTR Auction and Auction Revenue Distribution – Rev 3 | |
|--|---|
| SR_ARRDISTR_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
| REPORT COLUMN | DESCRIPTION |
| Tab 1 (Pool Values) | |
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> ON — for the on-peak auction OFF — for the off-peak auction |
| FTR Pool Values | |
| FTR Auction Charges & Credits | Net FTR Auction Revenue collected in a particular auction (Market and Class Type). In the case of Long Term Auctions, this value represents that month's share of the total value. |
| ARR Pool Values | |
| Monthly Peak Load Trading Interval | The Trading Interval when the peak occurred (based on the RTLO). |
| Peak Hour Load | Total load for the pool at the time of the Monthly Peak. |
| Qualified Upgrade Award Dollars | This column is reported as NULL. |
| Excepted Transaction Dollars | This column will be reported as NULL. |
| NEMA Contract Dollars | Total auction Revenue allocated to the NEMA Contracts. |
| Load Share Dollars | Total auction Revenue allocated to load. |
| Long-Term Firm Transmission Service Dollars | This column is reported as NULL. |
| ARR Dollars Allocation | Total auction Revenue distributed as a result of the 4-stage ARR process. |
| Total Auction Revenue Distribution | Total auction Revenue distributed through the Incremental Auction Revenue Rights and ARRs (i.e., Incremental Auction Revenue Dollars plus ARR Dollars Allocation) – as such it equals the net FTR Auction Charges & Credits collected for the pool. |
| Asset Related Demand Dollars | Total auction Revenue allocated to Asset Related Demand. |
| Incremental Auction Revenue Dollars | Total auction Revenue allocated to the Incremental Auction Revenue Rights. |
| Tab 2 (Results) | |
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> ON — for the on-peak auction OFF — for the off-peak auction |
| FTR | |

| SR_ARRDISTR – FTR Auction and Auction Revenue Distribution – Rev 3 SR_ARRDISTR_<customer id>_<settlement date>_<version>.CSV <Customer Name> Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| FTR Auction Charges & Credits | FTR Auction Charges and Credits collected or credited to the Customer for a particular auction. In the case of Long Term Auctions, this value represents that month's share of the total value. |
| ARR | |
| Qualified Upgrade Award Dollars | This column is reported as NULL. |
| Excepted Transaction Dollars | This column is be reported as NULL. |
| NEMA Contract Dollars | Auction Revenue allocated to a Customer based on their NEMA Contracts. |
| Load Share Dollars | Auction Revenue allocated to a Customer based on their load shares. |
| Long-Term Firm Transmission Service Dollars | This column is reported as NULL. |
| ARR Dollars Allocation | Auction Revenue distributed to a Customer as a result of the 4-stage ARR process. This value is the sum of the NEMA Contract Dollars, Load Share Dollars, and Asset Related Demand Dollars allocated to a Customer. |
| Total Auction Revenue Distribution | Total auction Revenue distributed to a Customer through Incremental Auction Revenue Rights and ARR's (i.e., the sum of Incremental Auction Revenue Dollars and ARR Dollars Allocation). |
| Share of Total Auction Revenue Distribution | A Customer's Share of the Total Auction Revenue Distribution as the ratio of a Customer's Total Auction Revenue Distribution and the Pool's Total Auction Revenue Distribution. |
| Asset Related Demand Dollars | Auction Revenue allocated to a Customer based on their Asset Related Demand ownership. |
| Incremental Auction Revenue Dollars | Auction Revenue allocated to a Customer based on their Incremental Auction Revenue Rights. |
| Tab 3 (Incremental Auction Revenue) | |
| Auction Information | |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> ON — for the on-peak auction OFF — for the off-peak auction |
| IARR | |
| Upgrade Project Name | Name of the Interconnection Project. |
| Incremental Auction Revenue Dollars per Project | Total Revenue of the Incremental Auction Revenue Right. |
| Ownership Share | Customer's ownership share of the Incremental Auction Revenue Right. |
| Share of Incremental Auction Revenue Dollars | Revenue allocated to a Customer based on their Incremental Auction Revenue Right ownership (i.e., Incremental Auction Revenue Dollars per Project multiplied by Ownership Share). |
| Tab 4 (Subaccount) | |

| SR_ARRDISTR – FTR Auction and Auction Revenue Distribution – Rev 3 | |
|--|---|
| SR_ARRDISTR_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly settlement available to ARR Customers after the monthly distribution of FTR Auction Revenue stemming from the Monthly and Long Term FTR Auctions, as applicable. | |
| REPORT COLUMN | DESCRIPTION |
| Auction Information | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> • ON — for the on-peak auction • OFF — for the off-peak auction |
| FTR | |
| FTR Auction Charges & Credits | FTR Auction Charges and Credits collected or credited to the subaccount for a particular auction. In the case of Long Term Auctions, this value represents that month's share of the total value. |
| ARR | |
| NEMA Contract Dollars | Auction Revenue allocated to a subaccount based on their NEMA Contracts. |
| Load Share Dollars | Auction Revenue allocated to a subaccount based on their load shares. |
| Asset Related Demand Dollars | Auction Revenue allocated to a subaccount based on their Asset Related Demand ownership. |
| ARR Dollars Allocation | Auction Revenue distributed to a subaccount as a result of the 4-stage ARR process. This value is the sum of the NEMA Contract Dollars, Load Share Dollars, and Asset Related Demand Dollars allocated to a subaccount. |
| Incremental Auction Revenue Dollars | Auction Revenue allocated to a subaccount based on their Incremental Auction Revenue Rights. |
| Total Auction Revenue Distribution | Total auction Revenue distributed to a subaccount through Incremental Auction Revenue Rights and ARR (i.e., the sum of Incremental Auction Revenue Dollars and ARR Dollars Allocation). |

| SR_ARRDISTR Change Summary | Effective Date |
|---|----------------|
| Modified. New section for "Subaccount" reporting. | 10.01.2019 |
| Modified. No change in report structure. In addition to the auction period, the auction round will be reported in the "Market Name" column. | 10.09.2012 |
| Modified. Section "Pool" has new column "Incremental Auction Revenue Dollars", and "Qualified Upgrade Award Dollars" and "Long-Term Firm Transmission Service Dollars" will be reporting Null. Section "Results" has new column "Incremental Auction Revenue Dollars", and "Qualified Upgrade Award Dollars" and "Long-Term Firm Transmission Service Dollars" will be reporting Null. New Section "Incremental Auction Revenue". The first version of this report will be posted during the second week of February 2012 for obligation Month January 2012. | 01.01.2012 |
| Existing | 01.01.2001 |

| SR_ARRDISTRSUB – FTR Auction and Auction Revenue Distribution Subaccount– Rev 0 SR_ARRDISTRSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Market Name | The auction period for which FTRs were defined and for which the FTR auction was performed. |
| Class Type | Designates the auction for which the Revenue distributions are applicable, specified as: <ul style="list-style-type: none"> • ON – for the on-peak auction • OFF – for the off-peak auction |
| FTR Auction Charges & Credits | FTR Auction Charges and Credits collected or credited to the subaccount for a particular auction. In the case of Long Term Auctions, this value represents that month's share of the total value. |
| NEMA Contract Dollars | Auction Revenue allocated to a subaccount based on their NEMA Contracts. |
| Load Share Dollars | Auction Revenue allocated to a subaccount based on their load shares. |
| Asset Related Demand Dollars | Auction Revenue allocated to a subaccount based on their Asset Related Demand ownership. |
| ARR Dollars Allocation | Auction Revenue distributed to a subaccount as a result of the 4-stage ARR process. This value is the sum of the NEMA Contract Dollars, Load Share Dollars, and Asset Related Demand Dollars allocated to a subaccount. |
| Incremental Auction Revenue Dollars | Auction Revenue allocated to a subaccount based on their Incremental Auction Revenue Rights. |
| Total Auction Revenue Distribution | Total auction Revenue distributed to a subaccount through Incremental Auction Revenue Rights and ARRs (i.e., the sum of Incremental Auction Revenue Dollars and ARR Dollars Allocation). |

| SR_ARRDISTRSUB Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 11.01.2022 |

SR_BLACKSTARTSTL – OATT Schedule 16 – Black Start Settlement – *RETIRED*

SR_BLACKSTARTSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|-------------------------------|---|
| Customer Black Start Payments | Values represent the Black Start payments for the customer. |
| Customer Black Start Charges | Values represent total Black Start charges to the customer. |
| Net Settlement | The sum of Black Start Payments and Black Start Charges. |

| SR_BLACKSTARTSTL Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any resettlements for any obligation month prior to 01.01.2013. | 01.01.2013 |
| Existing. | 07.01.2007 |

| SR_BSPAYMENTSUMMARY – Blackstart Payment Summary – Rev 1 SR_BSPAYMENTSUMMARY_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Payment Summary | |
| Designated Blackstart Resource Name | The name of the Designated Blackstart Resource. |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Numerical identifier for the Asset. |
| Asset Name | Name of the Asset. |
| Blackstart Standard Rate Payment (individual) | The sum of the Total Blackstart O+M Payment (individual) + the Total Blackstart Capital Payment (individual) multiplied by the ownership share percentage of the Asset. |
| Blackstart Station-specific Rate Payment (individual) | The Blackstart Station-specific Rate Payment (individual) multiplied by the ownership share percentage of the Asset. |
| Non-DBR Study Cost Payments | The Monthly Non-DBR Study Costs multiplied by the ownership share percentage of the Asset. |
| Lump Sum Blackstart Payments (individual) | Resource Lump Sum Blackstart Capital Payment multiplied by the ownership share percentage of the Asset. |
| Equipment Damage Reimbursement (individual) | The Monthly Resource Equipment Damage Reimbursement Dollars multiplied by the ownership share percentage of the Asset. |
| Total Blackstart Service Payments (month) | The sum of the Blackstart Standard Rate Payment (individual) plus the Blackstart Station-specific Rate Payment (individual) plus the Non-DBR Study Cost Payments plus the Lump Sum Blackstart Payments (individual) plus the Equipment Damage Reimbursement (individual). |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SR_BSPAYMENTSUMMARY Change Summary | Effective Date |
|---|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| New. The first version of this report is expected during the month of January 2013, no earlier than January 8, for the obligation month of January 2013. | 01.01.2013 |

| SR_BSPAYMENTSUMMARYSUB– Blackstart Payment Summary Subaccount – Rev 0 SR_BSPAYMENTSUMMARYSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be produced on a monthly basis with the initial settlement and with any resettlement. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Payment Summary | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Designated Blackstart Resource Name | Designated Blackstart Resource Name |
| Designated Blackstart Resource Type | The Designated Blackstart Resource type from Schedule 16 Table 5. |
| Designated Blackstart Resource (individual) Nameplate MVA Value | The size of the Designated Blackstart Resource located at a Station. |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Blackstart Standard Rate Payment (individual) | The sum of the Total Blackstart O+M Payment (individual) + the Total Blackstart Capital Payment (individual) x the ownership share percentage of the Asset. |
| Blackstart Station-specific Rate Payment (individual) | The Blackstart Station-specific Rate Payment (individual) x the ownership share percentage of the Asset. |
| Non-DBR Study Cost Payments | The Monthly Non-DBR Study Costs x the ownership share percentage of the Asset. |
| Lump Sum Blackstart Payments (individual) | Resource Lump Sum Blackstart Capital Payment x the ownership share percentage of the Asset. |
| Equipment Damage Reimbursement (individual) | The Monthly Resource Equipment Damage Reimbursement Dollars x the ownership share percentage of the Asset |
| Total Blackstart Service Payments (month) | Blackstart Standard Rate Payment (individual) + Blackstart Station-specific Rate Payment (individual) + Non-DBR Study Cost Payments + Lump Sum Blackstart Payments (individual) + Equipment Damage Reimbursement (individual) |
| SR_BSPAYMENTSUMMARYSUB Change Summary | |
| New. | Effective Date 11.01.2022 |

| SR_BSSETTLEMENTSUM – Blackstart Settlement Summary – Rev 1 SR_BSSETTLEMENTSUM _<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Blackstart Settlements Section | |
| Blackstart Service Payments | The Blackstart payments for the customer. |
| Blackstart Service Charges | The Blackstart charges for the customer. |
| Net Settlement | The sum of the Blackstart Service payments and charges. |
| Subaccount Settlements Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Blackstart Service Payments | The Blackstart payments for the subaccount. |
| Blackstart Service Charges | The Blackstart charges for the subaccount. |
| Net Settlement | The sum of the subaccount Blackstart Service payments and charges. |

| SR_BSSETTLEMENTSUM Change Summary | Effective Date |
|--|----------------|
| Modified. Added new columns "Subaccount ID" and "Subaccount Name". | 06.13.2014 |
| New. The first version of this report is expected no earlier than February 20, 2013 for the obligation month of January 2013. | 01.01.2013 |

SR_BSSETTLEMENTSUMSUB– Blackstart Settlement Summary Subaccount Report – Rev 0
 SR_BSSETTLEMENTSUMSUB _<market service>_<customer id>_<settlement date>_<version>.CSV
 <Customer>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|--|
| Subaccount Settlements | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Blackstart Service Payments | The Blackstart payments for the subaccount. |
| Blackstart Service Charges | The Blackstart charges for the subaccount. |
| Net Settlement | The sum of the subaccount Blackstart Service payments and charges. |

| SR_BSSETTLEMENTSUMSUB Change Summary | Effective Date |
|--------------------------------------|----------------|
| New. | 11.01.2022 |

SR_COSCHARGE – Cost of Service Customer Charge Report – Rev 0

SR_COSCHARGE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Participant | |
| RT Load Obligation For Charge Allocation | SUM (RT Load Obligation for Charge Allocation) Where RT Load Obligation for Charge Allocation as calculated by the RT Energy Settlement. |
| DARD RT Load Obligation Reduction | For each DARD asset: SUM (Energy Quantity \times Customer Ownership %) |
| RT Load Obligation for COS Charge Allocation | RT Load Obligation for Charge Allocation – DARD RT Load Obligation Reduction |
| Pool RT Load Obligation for COS Charge Allocation | SUM (RT Load Obligation for COS Charge Allocation) |
| Pool COS Supplemental Charge | -1 \times Supplemental Capacity Payment |
| COS Supplemental Charge | Pool COS Supplemental Charge \times Load Obligation for COS Charge Allocation / Pool RT Load Obligation for COS Charge Allocation |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Subaccount RT Load Obligation for Charge Allocation | SUM (RT Load Obligation for Charge Allocation) Note: RT Load Obligation for Charge Allocation as calculated by the RT Energy Settlement. |
| Subaccount DARD RT Load Obligation Reduction | For each DARD asset: SUM (Energy Quantity \times Customer Ownership %) |
| Subaccount RT Load Obligation for COS Charge Allocation | RT Load Obligation for Charge Allocation – DARD RT Load Obligation Reduction |
| Pool RT Load Obligation for COS Charge Allocation | SUM (RT Load Obligation for COS Charge Allocation) |
| Pool COS Supplemental Charge | -1 \times Supplemental Capacity Payment |
| Subaccount COS Supplemental Charge | Pool COS Supplemental Charge \times RT Load Obligation for COS Charge Allocation / Pool RT Load Obligation for COS Charge Allocation |

| | |
|------------------------------------|-----------------------|
| SR_COSCHARGE Change Summary | Effective Date |
| New. | 06.01.2022 |

SR_COSCHARGESUB – Cost of Service Customer Charge Subaccount Report – Rev 0
 SR_COSCHARGESUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Subaccount RT Load Obligation for Charge Allocation | SUM (RT Load Obligation for Charge Allocation) Note: RT Load Obligation for Charge Allocation as calculated by the RT energy settlement. |
| Subaccount DARD RT Load Obligation Reduction | For each DARD asset: SUM (Energy Quantity x Customer Ownership %) |
| Subaccount RT Load Obligation for COS Charge Allocation | RT Load Obligation for Charge Allocation – DARD RT Load Obligation Reduction |
| Pool RT Load Obligation for COS Charge Allocation | SUM (Subaccount RT Load Obligation for COS Charge Allocation) |
| Pool COS Supplemental Charge | -1 x Supplemental Capacity Payment |
| Subaccount COS Supplemental Charge | Pool COS Supplemental Charge x RT Load Obligation for COS Charge Allocation / Pool RT Load Obligation for COS Charge Allocation |

| SR_COSCHARGESUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 06.01.2022 |

SR_DAASSUM – Day Ahead Ancillary Services Settlement Summary Report – Rev 0

SR_DAASSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------|--|
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| DA TMSR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMSR |
| DA TMNSR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMNSR |
| DA TMOR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMOR |
| DA EIR Credit | Sum of Customer Share of Product Credit where the Product Type is DA EIR |
| FER Credit | Sum of Customer Share of Asset FER Credit plus sum of Import FER Credit |
| DA TMSR Close-Out Credit | DA TMSR Close-Out Credit |
| DA TMNSR Close-Out Credit | DA TMNSR Close-Out Credit |
| DA TMOR Close-Out Credit | DA TMOR Close-Out Credit |
| DA EIR Close-Out Credit | DA EIR Close-Out Credit |
| DA TMSR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMSR |
| DA TMNSR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMNSR |
| DA TMOR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMOR |
| DA EIR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA EIR |
| DA TMSR Charge | DA TMSR Charge |
| DA TMNSR Charge | DA TMNSR Charge |
| DA TMOR Charge | DA TMOR Charge |
| Export FER Charge | Sum of Export FER Charge |
| FER & DA EIR Charge | FER & DA EIR Charge |
| Net Settlement | DA TMSR Credit + DA TMNSR Credit + DA TMOR Credit + DA EIR Credit + FER Credit + DA TMSR Close-Out Credit + DA TMNSR Close-Out Credit + DA TMOR Close-Out Credit + DA EIR Close-Out Credit + DA TMSR Close-Out Charge + DA TMNSR Close-Out Charge + DA TMOR Close-Out Charge + DA EIR Close-Out Charge + DA TMSR Charge + DA TMNSR Charge + DA TMOR Charge + Export FER Charge + FER & DA EIR Charge |
| Subaccount Section | |

SR_DAASSUM – Day Ahead Ancillary Services Settlement Summary Report – Rev 0

SR_DAASSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| DA TMSR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMSR |
| DA TMNSR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMNSR |
| DA TMOR Credit | Sum of Customer Share of Product Credit where the Product Type is DA TMOR |
| DA EIR Credit | Sum of Customer Share of Product Credit where the Product Type is DA EIR |
| FER Credit | Sum of Customer Share of Asset FER Credit plus sum of Import FER Credit |
| DA TMSR Close-Out Credit | DA TMSR Close-Out Credit |
| DA TMNSR Close-Out Credit | DA TMNSR Close-Out Credit |
| DA TMOR Close-Out Credit | DA TMOR Close-Out Credit |
| DA EIR Close-Out Credit | DA EIR Close-Out Credit |
| DA TMSR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMSR |
| DA TMNSR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMNSR |
| DA TMOR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA TMOR |
| DA EIR Close-Out Charge | Sum of Customer Share of Product Close-Out Charge where the Product Type is DA EIR |
| DA TMSR Charge | DA TMSR Charge |
| DA TMNSR Charge | DA TMNSR Charge |
| DA TMOR Charge | DA TMOR Charge |
| Export FER Charge | Sum of Export FER Charge |
| FER & DA EIR Charge | FER & DA EIR Charge |
| Net Settlement | DA TMSR Credit + DA TMNSR Credit + DA TMOR Credit + DA EIR Credit + FER Credit + DA TMSR Close-Out Credit + DA TMNSR Close-Out Credit + DA TMOR Close-Out Credit + DA EIR Close-Out Credit + DA TMSR Close-Out Charge + DA TMNSR Close-Out Charge + DA TMOR Close-Out Charge + DA EIR Close-Out Charge + DA TMSR Charge + |

| SR_DAASSUM – Day Ahead Ancillary Services Settlement Summary Report – Rev 0 SR_DAASSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| | DA TMNSR Charge + DA TMOR Charge + Export FER Charge + FER & DA EIR Charge |

| SR_DAASSUM Change Summary | Effective Date |
|------------------------------|----------------|
| New | 03.01.2025 |

SR_DAASSUMSUB – Day Ahead Ancillary Services Settlement Summary Subaccount Report – Rev 0

SR_DAASSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Subaccount Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| DA TMSR Credit | Sum of Subaccount Share of Product Credit where the Product Type is DA TMSR |
| DA TMNSR Credit | Sum of Subaccount Share of Product Credit where the Product Type is DA TMNSR |
| DA TMOR Credit | Sum of Subaccount Share of Product Credit where the Product Type is DA TMOR |
| DA EIR Credit | Sum of Subaccount Share of Product Credit where the Product Type is DA EIR |
| FER Credit | Sum of Subaccount Share of Asset FER Credit plus sum of Import FER Credit |
| DA TMSR Close-Out Credit | DA TMSR Close-Out Credit |
| DA TMNSR Close-Out Credit | DA TMNSR Close-Out Credit |
| DA TMOR Close-Out Credit | DA TMOR Close-Out Credit |
| DA EIR Close-Out Credit | DA EIR Close-Out Credit |
| DA TMSR Close-Out Charge | Sum of Subaccount Share of Product Close-Out Charge where the Product Type is DA TMSR |
| DA TMNSR Close-Out Charge | Sum of Subaccount Share of Product Close-Out Charge where the Product Type is DA TMNSR |
| DA TMOR Close-Out Charge | Sum of Subaccount Share of Product Close-Out Charge where the Product Type is DA TMOR |
| DA EIR Close-Out Charge | Sum of the Subaccount Share of Product Close-Out Charge where the Product Type is DA EIR |
| DA TMSR Charge | DA TMSR Charge |
| DA TMNSR Charge | DA TMNSR Charge |
| DA TMOR Charge | DA TMOR Charge |
| Export FER Charge | Sum of Export FER Charge |
| FER & DA EIR Charge | FER & DA EIR Charge |
| Net Settlement | DA TMSR Credit + DA TMNSR Credit + DA TMOR Credit + DA EIR Credit + FER Credit + DA TMSR Close-Out Credit + DA TMNSR Close-Out Credit + DA TMOR Close-Out Credit + DA EIR Close-Out Credit + DA TMSR Close-Out Charge + |

| SR_DAASSUMSUB – Day Ahead Ancillary Services Settlement Summary Subaccount Report – Rev 0 SR_DAASSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | DA TMNSR Close-Out Charge + DA TMOR Close-Out Charge + DA EIR Close-Out Charge + DA TMSR Charge + DA TMNSR Charge + DA TMOR Charge + Export FER Charge + FER & DA EIR Charge |

| SR_DAASSUMSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New | 03.01.2025 |

| SR_DACUSTSUM – Day Ahead Energy Market Summary Report – Rev 6 SR_DACUSTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Day Ahead Locational Settlements | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Day Ahead Load Obligation | The customer's total of all Day Ahead Load Obligations at all locations for the specified Trading Interval. |
| Day Ahead Energy Charge/Credit | The customer's total of all Day Ahead Energy Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Congestion Charge/Credit | The customer's total of all Day Ahead Congestion Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Loss Charge/Credit | The customer's total of all Day Ahead Loss Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Net Energy Settlement | The customer's sum of Day Ahead Energy Charge/Credit plus Day Ahead Congestion Charge/Credit plus Day Ahead Loss Charge/Credit. |
| Day Ahead Energy Settlement | The Pool total of all Day Ahead Energy Credit/Charges at all locations for the specified Trading Interval. |
| Day Ahead Congestion Revenue | The Pool total of all Day Ahead Congestion Credits/Charges at all locations for the specified Trading Interval. |
| Day Ahead Loss Revenue | The Pool total of all Day Ahead Loss Credits/Charges at all locations for the specified Trading Interval. |
| Day Ahead Marginal Loss Revenue | The Pool Day Ahead Energy Settlement plus Pool Day Ahead Loss Revenue. |
| Day Ahead Load Obligation for Charge Allocation | The customer's total Day Ahead Load Obligation excluding Coordinated External Transactions at all locations for the Trading Interval. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Day Ahead Load Obligation | The subaccount's total of all Day Ahead Load Obligations at all locations for the specified Trading Interval. |
| Day Ahead Energy Charge/Credit | The subaccount's total of all Day Ahead Energy Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Congestion Charge/Credit | The subaccount's total of all Day Ahead Congestion Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Loss Charge/Credit | The subaccount's total of all Day Ahead Loss Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Net Energy Settlement | The subaccount's sum of Day Ahead Energy Charge/Credit plus Day Ahead Congestion Charge/Credit plus Day Ahead Loss Charge/Credit. |
| Day Ahead Load Obligation for Charge Allocation | The subaccount's total Day Ahead Load Obligation excluding Coordinated External Transactions at all locations for the Trading Interval. |

| SR_DACUSTSUM Change Summary | Effective Date |
|---|-----------------------|
| Modified. Added new column “Day Ahead Load Obligation for Charge Allocation” in “Customer Section” and “Subaccount Section”. | 12.15.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Existing | 01.01.2001 |

SR_DACUSTSUMSUB – Day Ahead Energy Market Subaccount Summary Report – Rev 0

SR_DACUSTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Day Ahead Locational Settlements with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Day Ahead Load Obligation | The subaccount's total of all Day Ahead Load Obligations at all locations for the specified Trading Interval. |
| Day Ahead Energy Charge / Credit | The subaccount's total of all Day Ahead Energy Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Congestion Charge / Credit | The subaccount's total of all Day Ahead Congestion Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Loss Charge / Credit | The subaccount's total of all Day Ahead Loss Charge/Credit at all locations for the specified Trading Interval. |
| Day Ahead Net Energy Settlement | The subaccount's sum of Day Ahead Energy Charge/Credit plus Day Ahead Congestion Charge/Credit plus Day Ahead Loss Charge/Credit. |
| Day Ahead Load Obligation for Charge Allocation | The subaccount's total Day Ahead Load Obligation excluding Coordinated External Transactions at all locations for the Trading Interval. |

| SR_DACUSTSUMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 04.01.2020 |

| SR_DALOCSUM – Day Ahead Energy Market Locational Settlement Report – Rev 9 SR_DALOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Day Ahead Locational Settlements | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location Id | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Day Ahead Cleared Generation | The customer’s MW quantity of cleared Supply Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Increments | The customer’s MW quantity of cleared Increment Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Imports | The customer’s MW quantity cleared for Import at the specified location. |
| Day Ahead Generation Obligation | The customer’s sum of Day Ahead Cleared Generation plus Cleared Increments plus Cleared Imports. |
| Day Ahead Cleared Demand Bids | The customer’s MW quantity of cleared Demand Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Decrements | The customer’s MW quantity of cleared Decrement Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Exports | The customer’s MW quantity cleared for Export at the specified location. |
| Day Ahead Load Obligation | The customer’s sum of Day Ahead Cleared Demand Bids plus Cleared Decrements plus Cleared Exports plus Day Ahead Cleared Asset Related Demand Bids. |
| Day Ahead Internal Bilateral For Purchases | The customer’s MW quantity of IBM for Energy purchases settled at the specified location. |
| Day Ahead Internal Bilateral For Sales | The customer’s MW quantity of IBM for Energy sales settled at the specified location. |
| Day Ahead Adjusted Load Obligation | The customer’s Day Ahead Load Obligation plus the DA IBM purchases plus the DA IBM sales at the specified location. |
| Day Ahead Adjusted Net Interchange | The customer’s sum of the Day Ahead Generation Obligation, Day Ahead Demand Reduction Obligation, and Day Ahead Adjusted Load Obligation at the specified location. A participant is selling to the spot market at a location if its Locational Adjusted Net Interchange is positive at that location. A participant is buying from the spot market at a location if its Locational Adjusted Net Interchange is negative at that location. |
| Day Ahead Energy Component | The energy component of the LMP at the specified location. |
| Day Ahead Congestion Component | The congestion component of the LMP at the specified location. |
| Day Ahead Marginal Loss Component | The loss component of the LMP at the specified location. |
| Day Ahead Energy Charge/Credit | The customer’s Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Energy Component at the specified location. |
| Day Ahead Congestion Charge/Credit | The customer’s Day Ahead Adjusted Net Interchange multiplied by Day |

| SR_DALOCSUM – Day Ahead Energy Market Locational Settlement Report – Rev 9 SR_DALOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Day Ahead Locational Settlements | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | Ahead Locational Marginal Price Congestion Component at the specified location. |
| Day Ahead Loss Charge/Credit | The customer's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Loss Component at the specified location. |
| Day Ahead Cleared Asset Related Demand Bids | The customer's MW quantity of cleared Asset Related Demand at the specified location in the Day Ahead market. |
| Day Ahead Load Obligation for Charge Allocation | The customer's total Day Ahead Load Obligation excluding Coordinated External Transactions for the Trading Interval at the specified location. |
| Day Ahead Demand Reduction | The customer's MW quantity of cleared Demand Reduction Offers in the Day Ahead market at the specified location. |
| Day Ahead Demand Reduction Obligation | The customer's sum of Day Ahead Cleared Demand Reduction at the specified location adjusted by the average avoided peak distribution losses. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location Id | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Day Ahead Cleared Generation | The subaccount's MW quantity of cleared Supply Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Increments | The subaccount's MW quantity of cleared Increment Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Imports | The subaccount's MW quantity cleared for Import at the specified location. |
| Day Ahead Generation Obligation | The subaccount's sum of Day Ahead Cleared Generation plus Cleared Increments plus Cleared Imports. |
| Day Ahead Cleared Demand Bids | The subaccount's MW quantity of cleared Demand Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Decrements | The subaccount's MW quantity of cleared Decrement Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Exports | The subaccount's MW quantity cleared for Export at the specified location. |
| Day Ahead Load Obligation | The subaccount's sum of Day Ahead Cleared Demand Bids plus Cleared Decrements plus Cleared Exports plus Day Ahead Cleared Asset Related Demand Bids. |
| Day Ahead Internal Bilateral For Purchases | The subaccount's MW quantity of IBM for Energy purchases settled at the specified location. |
| Day Ahead Internal Bilateral For Sales | The subaccount's MW quantity of IBM for Energy sales settled at the |

| SR_DALOCSUM – Day Ahead Energy Market Locational Settlement Report – Rev 9 SR_DALOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Day Ahead Locational Settlements | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| | specified location. |
| Day Ahead Adjusted Load Obligation | The subaccount's Day Ahead Load Obligation plus the DA IBM purchases plus the DA IBM sales at the specified location. |
| Day Ahead Adjusted Net Interchange | The subaccount's sum of the Day Ahead Generation Obligation, Day Ahead Demand Reduction Obligation, and Day Ahead Adjusted Load Obligation at the specified location. A participant is selling to the spot market at a location if its Locational Adjusted Net Interchange is positive at that location. A participant is buying from the spot market at a location if its Locational Adjusted Net Interchange is negative at that location. |
| Day Ahead Energy Component | The energy component of the LMP at the specified location. |
| Day Ahead Congestion Component | The congestion component of the LMP at the specified location. |
| Day Ahead Marginal Loss Component | The loss component of the LMP at the specified location. |
| Day Ahead Energy Charge/Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Energy Component at the specified location. |
| Day Ahead Congestion Charge/Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Congestion Component at the specified location. |
| Day Ahead Loss Charge/Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Loss Component at the specified location. |
| Day Ahead Cleared Asset Related Demand Bids | The subaccount's MW quantity of cleared Asset Related Demand at the specified location in the Day Ahead market. |
| Day Ahead Load Obligation for Charge Allocation | The subaccount's total Day Ahead Load Obligation excluding Coordinated External Transactions for the Trading Interval at the specified location. |
| Day Ahead Demand Reduction | The subaccount's MW quantity of cleared Demand Reduction Offers in the Day Ahead market at the specified location. |
| Day Ahead Demand Reduction Obligation | The subaccount's sum of Day Ahead Cleared Demand Reduction at the specified location increased by the average avoided peak distribution losses. |

| SR_DALOCSUM Change Summary | Effective Date |
|--|----------------|
| Modified. Updated Day Ahead Adjusted Load Obligation to include Day Ahead Cleared Asset Related Demand Bids. | 03.31.2022 |
| Modified. Added "DRR AGGREGATION ZONE" to "Location Type" in the "Customer Section" and the "Subaccount Section". Updated the description for "Day Ahead Adjusted Net Interchange" in the "Customer Section". Added new columns "Day Ahead Cleared Asset Related Demand Bids", "Day Ahead Load Obligation for Charge Allocation", "Day Ahead Demand Reduction" and "Day Ahead Demand Reduction Obligation" in the "Subaccount Section". | 06.01.2018 |
| Modified. Added new column "Day Ahead Load Obligation for Charge Allocation" in "Customer Section" and "Subaccount Section". | 12.15.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Existing | 01.01.2001 |

| SR_DALOC SUM Change Summary | Effective Date |
|--|-----------------------|
| Modified. Added “DRR AGGREGATION ZONE” to “Location Type” in the “Customer Section” and the “Subaccount Section”. Updated the description for “Day Ahead Adjusted Net Interchange” in the “Customer Section”. Added new columns “Day Ahead Cleared Asset Related Demand Bids”, “Day Ahead Load Obligation for Charge Allocation”, “Day Ahead Demand Reduction” and “Day Ahead Demand Reduction” in the “Customer Section” and “Day Ahead Demand Reduction” and “Day Ahead Demand Reduction Obligation” in the “Subaccount Section”. | 06.01.2018 |
| Modified. Added new column “Day Ahead Load Obligation for Charge Allocation” in “Customer Section” and “Subaccount Section”. | 12.15.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Existing | 01.01.2001 |

SR_DALOCSUMSUB – Day Ahead Energy Market Locational Subaccount Settlement Report – Rev 0

SR_DALOCSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Day Ahead Locational Settlements with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• ‘LOAD ZONE’• ‘NETWORK NODE’• ‘HUB’• ‘DRR AGGREGATION ZONE’ |
| Day Ahead Cleared Generation | The subaccount’s MW quantity of cleared Supply Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Increments | The subaccount’s MW quantity of cleared Increment Offers in the Day Ahead market at the specified location. |
| Day Ahead Cleared Imports | The subaccount’s MW quantity cleared for Import at the specified location. |
| Day Ahead Generation Obligation | The subaccount’s sum of Day Ahead Cleared Generation plus Cleared Increments plus Cleared Imports. |
| Day Ahead Cleared Demand Bids | The subaccount’s MW quantity of cleared Demand Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Decrements | The subaccount’s MW quantity of cleared Decrement Bids in the Day Ahead market at the specified location. |
| Day Ahead Cleared Exports | The subaccount’s MW quantity cleared for Export at the specified location. |
| Day Ahead Load Obligation | The subaccount’s sum of Day Ahead Cleared Demand Bids plus Cleared Decrements plus Cleared Exports. |
| Day Ahead Internal Bilateral For Purchases | The subaccount’s MW quantity of IBM for Energy purchases settled at the specified location. |
| Day Ahead Internal Bilateral For Sales | The subaccount’s MW quantity of IBM for Energy sales settled at the specified location. |
| Day Ahead Adjusted Load Obligation | The subaccount’s Day Ahead Load Obligation plus the DA IBM purchases plus the DA IBM sales at the specified location. |
| Day Ahead Adjusted Net Interchange | The subaccount’s sum of the Day Ahead Generation Obligation, Day Ahead Demand Reduction Obligation, and Day Ahead Adjusted Load Obligation at the specified location. A participant is selling to the spot market at a location if its Locational Adjusted Net Interchange is positive at that location. A participant is buying from the spot market at a location |

SR_DALOCSSUMSUB – Day Ahead Energy Market Locational Subaccount Settlement Report – Rev 0

SR_DALOCSSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Day Ahead Locational Settlements with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | if its Locational Adjusted Net Interchange is negative at that location. |
| Day Ahead Energy Component | The energy component of the LMP at the specified location. |
| Day Ahead Congestion Component | The congestion component of the LMP at the specified location. |
| Day Ahead Marginal Loss Component | The loss component of the LMP at the specified location. |
| Day Ahead Energy Charge / Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Energy Component at the specified location. |
| Day Ahead Congestion Charge / Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Congestion Component at the specified location. |
| Day Ahead Loss Charge / Credit | The subaccount's Day Ahead Adjusted Net Interchange multiplied by Day Ahead Locational Marginal Price Loss Component at the specified location. |
| Day Ahead Cleared Asset Related Demand Bids | The subaccount's MW quantity of cleared Asset Related Demand at the specified location in the Day Ahead market. |
| Day Ahead Load Obligation for Charge Allocation | The subaccount's total Day Ahead Load Obligation excluding Coordinated External Transactions for the Trading Interval at the specified location. |
| Day Ahead Demand Reduction | The subaccount's MW quantity of cleared Demand Reduction Offers in the Day Ahead market at the specified location. |
| Day Ahead Demand Reduction Obligation | The subaccount's sum of Day Ahead Cleared Demand Reduction at the specified location increased by the average avoided peak distribution losses. |

| SR_DALOCSSUMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 04.01.2020 |

| SR_DANPCSTLMNTSUM – DA NCPC Settlement Summary Report – Rev 5 SR_DANPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Settlement Summary Section | |
| Participant Day-Ahead Economic NCPC Charge | Day-Ahead economic NCPC Credits allocated to participant based on its pro-rata share of daily Pool Day-Ahead Load Obligation for Charge Allocation at all locations or hourly Pool Day-Ahead Load or Generation Obligation at External Nodes. |
| Participant Day-Ahead LSCPR NCPC Charge | Day-Ahead LSCPR NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation in a Reliability Region. |
| Participant Day-Ahead SCR NCPC Charge | Day-Ahead SCR NCPC Credits charged to the Transmission Owner or distribution company requesting the SCR commitment. |
| Participant Day-Ahead Non-VAR NCPC Charge | The sum of Participant Day-Ahead Economic Charge, Participant Day-Ahead LSCPR NCPC Charge and Participant Day Ahead SCR NCPC Charges. |
| Participant Day-Ahead Economic NCPC Credit | The total of the participant's economic NCPC Credits for generator assets, Dispatchable Asset Related Demand resources, Demand Response Resources, External Transactions, and virtual transactions, as applicable. |
| Participant Day-Ahead LSCPR NCPC Credit | The total of the participant's LSCPR NCPC Credits for generator assets and Demand Response Resources. |
| Participant Day-Ahead SCR NCPC Credit | The total of the participant's SCR NCPC Credits for generator assets and Demand Response Resources. |
| Participant Day-Ahead Non-VAR NCPC Credit | The sum of Participant Day-Ahead Economic NCPC Credit, Participant Day-Ahead LSCPR NCPC Credit and Participant Day-Ahead SCR NCPC Credit. |
| Participant Net Day-Ahead Non-VAR NCPC Settlement | The sum of Participant Day-Ahead Non-VAR NCPC Charge and Participant Day-Ahead Non-VAR NCPC Credit. |
| Participant Day-Ahead LV VAR NCPC Credit | The total of the participant's low voltage VAR NCPC Credits for generator assets. |
| Participant Day-Ahead HV VAR NCPC Credit | The total of the participant's high voltage VAR NCPC Credits for generator assets. |
| Econ Charges for Asset Credits Section | |
| Pool Asset Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for Generator assets and Demand Response Resources flagged as economic for the day. |
| Participant Day-Ahead Load Obligation | This column is no longer used and is reported as NULL. |
| Pool Day-Ahead Load Obligation | This column is no longer used and is reported as NULL. |
| Participant Day-Ahead Economic NCPC Charge | Pool Day-Ahead Asset Economic NCPC Credits allocated to participant based on its pro-rata share of Pool Day-Ahead Load Obligation for Charge Allocation. |
| Participant Day-Ahead Load Obligation for Charge Allocation | The daily sum of the participant's hourly Day-Ahead Load Obligation at all locations excluding contributions from Coordinated External Transactions. |

| SR_DANCPCTLMTSUM – DA NCPC Settlement Summary Report – Rev 5 SR_DANCPCTLMTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Pool Day-Ahead Load Obligation for Charge Allocation | The daily sum of all participants' Day-Ahead Load Obligation for Charge Allocation. |
| Pool DARD Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for DARDs flagged as economic for the day. |
| Participant Day-Ahead Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a participant's Day-Ahead Load Obligation related to DARDs. |
| Participant Day-Ahead NCPC Load Obligation | The daily sum of the participant's hourly Day-Ahead Load Obligation for Charge Allocation at all locations excluding Day-Ahead Load Obligations associated with DARDs. |
| Pool Day-Ahead NCPC Load Obligation | The daily sum of all participant's Day-Ahead NCPC Load Obligation. |
| Participant DARD Day-Ahead Economic NCPC Charge | Pool DARD Day-Ahead Economic NCPC Credits allocated to participant based on its pro-rata share of Pool Day-Ahead NCPC Load Obligation. |
| Participant Total Day-Ahead Economic NCPC Charge | Participant Day-Ahead Economic NCPC Charge and Participant DARD Day-Ahead Economic NCPC Charge. |
| LSCPR Charges for Asset Credits Section | |
| Reliability Region | Reliability Region identification number. |
| Pool Asset Day-Ahead LSCPR NCPC Credits | The sum of all Day-Ahead NCPC Credits for assets flagged as LSCPR. |
| Participant Real-Time Load Obligation | This column is no longer used and is reported as NULL. |
| Participant Real-Time External Sale Load Obligation MW | The sum of the participant's external sale MW at an External Node mapped to the Reliability Region, for the day. |
| Participant Real-Time Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a participant's daily Real-Time Load Obligation in a Reliability Region related to Dispatchable Asset Related Demand resources. |
| Participant Real-Time LSCPR NCPC Load Obligation | The sum of Participant Real-Time Load Obligation for Charge Allocation, Participant Real-Time External Sale Load Obligation MW, and Participant Real-Time Dispatchable ARD Load Obligation Reduction MW. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all participants' Real-Time LSCPR NCPC Load Obligation. |
| Participant Day-Ahead LSCPR NCPC Charge | Day-Ahead LSCPR NCPC Credits for the Reliability Region allocated to participant based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation within the Reliability Region excluding contributions from Coordinated External Transactions. |
| External Node Economic Charge Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

| SR_DANPCSTLMNTSUM – DA NCPC Settlement Summary Report – Rev 5 SR_DANPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| External Node ID | Numerical identifier for the External Node where the Day-Ahead NCPC Credits were paid. |
| External Node Name | Name of the External Node where the Day-Ahead NCPC Credits were paid. |
| Pool Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for transactions at the External Node for the hour. |
| NCPC Credit Type | Identifies the type of transaction(s) receiving the NCPC Credit. If the total NCPC Credits are for External Transaction purchases and/or Increment Offers, then this column will be 'IMPORT'. If the total NCPC Credits are for External Transaction sales and/or Decrement Bids, then this column will be 'EXPORT'. |
| Participant Day-Ahead Load Obligation | The participant's Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Pool Day-Ahead Load Obligation | The sum of all participants' Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Participant Day-Ahead Generation Obligation | The participant's Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Pool Day-Ahead Generation Obligation | The sum of all participants' Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Participant Day-Ahead Economic NCPC Charge | Pool Day-Ahead Economic NCPC Credits allocated to participant based on its pro-rata share of Pool Day-Ahead Load Obligation or Pool Day-Ahead Generation Obligation at the External Node for the hour. |
| Asset SCR Charges Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier of the default subaccount for the customer receiving the charge. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Participant Day-Ahead SCR NCPC Charge | Day-Ahead SCR NCPC Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |
| Settlement Summary - Subaccount Section | |

SR_DANPCSTLMNTSUM – DA NCPC Settlement Summary Report – Rev 5

SR_DANPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Day-Ahead Economic NCPC Charge | Subaccount share of Day-Ahead economic NCPC Charge. |
| Day-Ahead LSCPR NCPC Charge | Subaccount share of Day-Ahead LSCPR NCPC Charge. |
| Day-Ahead SCR NCPC Charge | Subaccount share of Day-Ahead SCR NCPC Charge. |
| Day-Ahead Non-VAR NCPC Charge | The sum of Day-Ahead Economic NCPC Charge, Day-Ahead LSCPR NCPC Charge and Day-Ahead SCR NCPC Charge for the subaccount. |
| Day-Ahead Economic NCPC Credit | Subaccount share of Day-Ahead economic NCPC Credit. |
| Day-Ahead LSCPR NCPC Credit | Subaccount share of Day-Ahead LSCPR NCPC Credit. |
| Day-Ahead SCR NCPC Credit | Subaccount share of Day-Ahead SCR NCPC Credit. |
| Day-Ahead Non-VAR NCPC Credit | The sum of Day-Ahead Economic NCPC Credit, Day-Ahead LSCPR NCPC Credit and Day-Ahead SCR NCPC Credit for the subaccount. |
| Net Day-Ahead Non-VAR NCPC Settlement | The sum of Day-Ahead Non-VAR NCPC Charge and Day-Ahead Non-VAR NCPC Credit for the subaccount. |
| Day-Ahead LV VAR NCPC Credit | Subaccount share of Day-Ahead LV VAR NCPC Credit. |
| Day-Ahead HV VAR NCPC Credit | Subaccount share of Day-Ahead HV VAR NCPC Credit. |
| Econ Chrgs for Asset CR-Subacct Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Asset Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for Generator assets and Demand Response Resources flagged as economic for the day. |
| Day-Ahead Load Obligation | This column is no longer used and is reported as NULL. |
| Pool Day-Ahead Load Obligation | This column is no longer used and is reported as NULL. |
| Day-Ahead Economic NCPC Charge | Day-Ahead Economic NCPC credits allocated to subaccount based on its pro-rata share of Pool Day-Ahead Load Obligation for Charge Allocation. |
| Day-Ahead Load Obligation for Charge Allocation | Subaccount share of the Day-Ahead Load Obligation for Charge Allocation. If the subaccount has no activity this column will be blank. |
| Pool Day-Ahead Load Obligation for Charge Allocation | The sum of all participants' daily Day-Ahead Load Obligation for Charge Allocation. |

| SR_DANPCSTLMNTSUM – DA NCPC Settlement Summary Report – Rev 5 SR_DANPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Pool DARD Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for DARDs flagged as economic for the day. |
| Day-Ahead Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Dispatchable ARD Day Ahead Load Obligation Reduction MW. If the subaccount has no activity this column will be blank. |
| Day-Ahead NCPC Load Obligation | Subaccount share of the Day-Ahead NCPC Load Obligation. If the subaccount has no activity this column will be blank. |
| Pool Day-Ahead NCPC Load Obligation | The sum of all participant's daily Day-Ahead NCPC Load Obligation. |
| Subaccount DARD Day-Ahead Economic NCPC Charge | Pool DARD Day-Ahead Economic NCPC Credits allocated to subaccount based on its pro-rata share of Pool Day-Ahead NCPC Load Obligation. |
| LSCPR Chrgs for Asset CR-Subacc Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Reliability Region | Reliability Region identification number. |
| Pool Asset Day-Ahead LSCPR NCPC Credits | The sum of all Day-Ahead NCPC Credits for assets flagged as LSCPR. |
| Real-Time Load Obligation | This column is no longer used and is reported as NULL. |
| Real-Time External Sale Load Obligation MW | Subaccount share of Real-Time External Sale Load Obligation MW. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Dispatchable ARD Real-Time Load Obligation Reduction MW. |
| Real-Time LSCPR NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation, Real-Time External Sale Load Obligation MW, and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all participants' Real-Time LSCPR NCPC Load Obligation. |
| Day-Ahead LSCPR NCPC Charge | Day-Ahead LSCPR NCPC credits for the Reliability Region allocated to the subaccount based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation Charge Allocation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Ext Node Econ Chrg-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This section shall not be populated with data when subaccount reporting is not enabled. |

| SR_DANPCSTLMNTSUM – DA NCPC Settlement Summary Report – Rev 5 SR_DANPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| External Node ID | Numerical identifier for the External Node where the Day-Ahead NCPC Credits were paid. |
| External Node Name | Name of the External Node where the Day-Ahead NCPC Credits were paid. |
| Pool Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for transactions at the External Node for the hour. |
| NCPC Credit Type | Identifies the type of transaction(s) receiving the NCPC Credit. If the NCPC Credits are for External Transaction purchases and/or Increment Offers, then this column will be 'IMPORT'. If the NCPC Credits are for External Transaction sales and/or Decrement Bids, then this column will be 'EXPORT'. |
| Day-Ahead Load Obligation | Subaccount share of Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Pool Day-Ahead Load Obligation | The sum of all participants' Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Day-Ahead Generation Obligation | Subaccount share of Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Pool Day-Ahead Generation Obligation | The sum of all participants' Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Day-Ahead Economic NCPC Charge | Pool Day-Ahead Economic Credits allocated to the subaccount based on its pro-rata share of the Pool Day-Ahead Load Obligation or Pool Day-Ahead Generation Obligation at the External Node for the hour. |

| SR_DANPCSTLMNTSUM Change Summary | Effective Date |
|--|----------------|
| Modified. In "Econ Charges for Asset Credits Section": updated description for "Pool DARD Day-Ahead Economic NCPC Credits", "Participant Day-Ahead Dispatchable ARD Load Obligation Reduction MW" and "Participant Day-Ahead NCPC Load Obligation" columns. In "Econ Chrgs for Asset CR-Subacct Section": updated description of the "Pool DARD Day-Ahead Economic NCPC Credits" column. | 03.31.2019 |
| Modified. In the 'Econ Charges for Asset Credits Section': updated the description for 'Pool Asset Day-Ahead Economic Credits'; added 'Pool DARD Day-Ahead Economic Credits', 'Participant Day-Ahead Dispatchable ARD Load Obligation Reduction MW', 'Participant Day-Ahead NCPC Load Obligation', 'Pool Day-Ahead NCPC Load Obligation', 'Participant DARD Day-Ahead Economic NCPC Charge' and 'Participant Total Day-Ahead Economic NCPC Charge' columns. In the 'Econ Chrgs for Asset CR Subacct Section': | 09.01.2018 |

| SR_DANPCSTLMNTSUM Change Summary | Effective Date |
|--|----------------|
| updated the description for ‘Pool Asset Day-Ahead Economic NCPC Credits’; added ‘Pool DARD Day-Ahead Economic NCPC Credits’, ‘Day-Ahead Dispatchable ARD Load Obligation Reduction MW’, ‘Day-Ahead NCPC Load Obligation’, Pool Day-Ahead NCPC Load Obligation’, ‘Subaccount DARD Day-Ahead Economic NCPC Charge’ columns. | |
| Modified. In “Settlement Summary Section”: changed column heading "Participant Day-Ahead LSCPR Charge" to "Participant Day-Ahead LSCPR NCPC Charge", changed column heading "Participant Day-Ahead LSCPR Credit" to "Participant Day-Ahead LSCPR NCPC Credit", changed column heading "Participant Day-Ahead SCR Credit" to "Participant Day-Ahead SCR NCPC Credit"; modified descriptions of “Participant Day-Ahead Economic NCPC Charge”, “Participant Day-Ahead Non-VAR NCPC Charge”, “Participant Day-Ahead Economic NCPC Credit”, “Participant Day-Ahead LSCPR NCPC Credit” and “Participant Day_Ahead SCR NCPC Credit”. In “Econ Charges for Asset Credits Section”: Removed effective dating for all columns except “Pool Asset Day_Ahead Economic NCPC Credits. In “LSCPR Charges for Asset Credits Section”: modified description of “Participant Real-Time Load Obligation”, “Participant Real-Time LSCPR NCPC Load Obligation” and “Participant Real-Time Load Obligation for Charge Allocation”. In the “Settlement Summary - Subaccount Section”, changed the column heading "Day-Ahead LSCPR Charge" to "Day-Ahead LSCPR NCPC Charge". In “Econ Chrgs for Asset CR-Subacct Section”: modified descriptions of “Day-Ahead Load Obligation”, “Pool Day-Ahead Load Obligation”, “Day-Ahead Economic NCPC Charge”, “Day-Ahead Load Obligation for Charge Allocation” and “Pool Day-Ahead Load Obligation for Charge Allocation”. In “LSPCR Chrgs for Asset CR-Subacc Section”: modified description of “Real-Time Load Obligation”, “Real-Time LSCPR NCPC Load Obligation” and “Real-Time Load Obligation for Charge Allocation”; changed column heading "Day-Ahead LSCPR Charge" to "Day-Ahead LSCPR NCPC Charge". | 06.01.2018 |
| Modified. In “Settlement Summary Section”: modified description of “Participant Day-Ahead Economic NCPC Charge”. In “Econ Charges for Asset Credits Section”: retired columns “Participant Day-Ahead Load Obligation” and “Pool Day-Ahead Load Obligation”; modified description of “Participant Day-Ahead Economic NCPC Charge”; added columns; “Participant Day-Ahead Load Obligation for Charge Allocation” and “Pool Day-Ahead Load Obligation for Charge Allocation”. In “LSCPR Charges for Asset Credits Section”: retired column “Participant Real-Time Load Obligation”; modified description of “Participant Real-Time LSCPR NCPC Load Obligation”; added column “Participant Real-Time Load Obligation for Charge Obligation”. In “Econ Chrgs for Asset CR-Subacct Section”: retired columns “Day-Ahead Load Obligation” and “Pool Day-Ahead Load Obligation”; modified description of “Day-Ahead Economic NCPC Charge”; added columns “Day-Ahead Load Obligation for Charge Allocation” and “Pool Day-Ahead Load Obligation for Charge Allocation”. In “LSCPR Chrgs for Asset CR-Subacc Section”: retired column “Real-Time Load Obligation”; modified description of “Real-Time LSCPR NCPC Load Obligation” and “Day-Ahead LSCPR Charge”; added column “Real-Time Load Obligation for Charge Allocation”. | 12.15.2015 |
| Modified. The description of “Subaccount ID” in the Asset SCR Charges Section has been modified. | 12.03.2014 |
| New. The final Report Description and Template files have the following changes from the previously posted draft versions: In the Settlement Summary Section, the column heading "Participant Day-Ahead LSCPR NCPC Charge" changed to "Participant Day-Ahead LSCPR Charge"; the column heading "Participant Day-Ahead LSCPR NCPC Credit" changed to "Participant Day-Ahead LSCPR Credit"; the column heading "Participant Day-Ahead SCR NCPC Credit" changed to "Participant Day-Ahead SCR Credit". In the Settlement Summary - Subaccount Section, the column heading "Day-Ahead LSCPR NCPC Charge" changed to "Day-Ahead LSCPR Charge". | 12.03.2014 |

SR_DANPCSTLMNTSUMSUB – Day-Ahead NCPC Settlement Summary Subaccount Report – Rev 0

SR_DANPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Settlement Summary - Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Day-Ahead Economic NCPC Charge | Day-Ahead economic NCPC credits allocated to subaccount based on its pro-rata share of daily Pool Day-Ahead Load Obligation for Charge Allocation at all locations or hourly Pool Day-Ahead Load or Generation Obligation at External Nodes. |
| Day-Ahead LSCPR NCPC Charge | Day-Ahead LSCPR NCPC Credits allocated to subaccount based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation in a Reliability Region. |
| Day-Ahead SCR NCPC Charge | Day-Ahead SCR NCPC Credits charged to the Transmission Owner or distribution company requesting the SCR commitment. |
| Day-Ahead Non-VAR NCPC Charge | The sum of Day-Ahead Economic NCPC Charge, Day-Ahead LSCPR NCPC Charge and Day-Ahead SCR NCPC Charge for the subaccount. |
| Day-Ahead Economic NCPC Credit | The total of the subaccount's economic NCPC Credits for generator assets, Dispatchable Asset Related Demand Resources, Demand Response Resources, External Transactions, and virtual transactions, as applicable. |
| Day-Ahead LSCPR NCPC Credit | The total of the subaccount's LSCPR NCPC Credits for generator assets and Demand Response Resources. |
| Day-Ahead SCR NCPC Credit | The total of the subaccount's SCR NCPC Credits for generator assets and Demand Response Resources. |
| Day-Ahead Non-VAR NCPC Credit | The sum of Day-Ahead Economic NCPC Credit, Day-Ahead LSCPR NCPC Credit and Day-Ahead SCR NCPC Credit for the subaccount. |
| Net Day-Ahead Non-VAR NCPC Settlement | The sum of Day-Ahead Non-VAR NCPC Charge and Day-Ahead Non-VAR NCPC Credit for the subaccount. |
| Day-Ahead LV VAR NCPC Credit | The total of the subaccount's low voltage VAR NCPC Credits for generator assets. |
| Day-Ahead HV VAR NCPC Credit | The total of the subaccount's high voltage VAR NCPC Credits for generator assets. |
| Econ Charges for Asset CR-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Asset Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for Generator assets and Demand Response Resources flagged as economic for the day. |
| Day-Ahead Economic NCPC Charge | Pool Asset Day-Ahead Economic NCPC credits allocated to subaccount based on its pro-rata share of Pool Day-Ahead Load Obligation for Charge Allocation. |

| SR_DANPCSTLMNTSUMSUB – Day-Ahead NCPC Settlement Summary Subaccount Report – Rev 0 SR_DANPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Day-Ahead Load Obligation for Charge Allocation | The daily sum of the subaccount's hourly Day-Ahead Load Obligation at all locations excluding contributions from Coordinated External Transactions. |
| Pool Day-Ahead Load Obligation for Charge Allocation | The daily sum of all participants' daily Day-Ahead Load Obligation for Charge Allocation. |
| Pool DARD Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for DARDs flagged as economic for the day. |
| Day-Ahead Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a subaccount's Day-Ahead Load Obligation related to DARDs. |
| Day-Ahead NCPC Load Obligation | The daily sum of the subaccount's hourly Day-Ahead Load Obligation for Charge Allocation at all locations excluding Day-Ahead Load Obligations associated with DARDs. |
| Pool Day-Ahead NCPC Load Obligation | The daily sum of all participants' daily Day-Ahead NCPC Load Obligation. |
| Subaccount DARD Day-Ahead Economic NCPC Charge | Pool DARD Day-Ahead Economic NCPC Credits allocated to subaccount based on its pro-rata share of Pool Day-Ahead NCPC Load Obligation. |
| Subaccount Total Day-Ahead Economic NCPC Charge | Day-Ahead Economic NCPC Charge and Subaccount DARD Day-Ahead Economic NCPC Charge |
| LSCPR Chrgs for Asset CR-Subacc Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Reliability Region | Reliability Region identification number. |
| Pool Day-Ahead LSCPR NCPC Credits | The sum of all Day-Ahead NCPC Credits for assets flagged as LSCPR. |
| Real-Time External Sale Load Obligation MW | The sum of the subaccount's external sale MW at an External Node mapped to the Reliability Region, for the day. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a subaccount's daily Real-Time Load Obligation in a Reliability Region related to Dispatchable ARD resources. |
| Real-Time LSCPR NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation, Real-Time External Sale Load Obligation MW, and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all participants' Real-Time LSCPR NCPC Load Obligation. |
| Day-Ahead LSCPR NCPC Charge | Day-Ahead LSCPR NCPC credits for the Reliability Region allocated to the subaccount based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation Charge Allocation. |
| Real-Time Load Obligation for Charge Allocation | The daily sum of the subaccount's hourly Real-Time Load Obligation within the Reliability Region excluding contributions from Coordinated External Transactions. |
| External Node Economic Charge-Subaccount Section | |

SR_DANPCSTLMNTSUMSUB – Day-Ahead NCPC Settlement Summary Subaccount Report – Rev 0
SR_DANPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|--|
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| External Node ID | Numerical identifier for the External Node where the Day-Ahead NCPC Credits were paid. |
| External Node Name | Name of the External Node where the Day-Ahead NCPC Credits were paid. |
| Pool Day-Ahead Economic NCPC Credits | The sum of all Day-Ahead NCPC Credits for transactions at the External Node for the hour. |
| NCPC Credit Type | Identifies the type of transaction(s) receiving the NCPC Credit. If the total NCPC Credits are for External Transaction purchases and/or Increment Offers, then this column will be 'IMPORT'. If the total NCPC Credits are for External Transaction sales and/or Decrement Bids, then this column will be 'EXPORT'. |
| Day-Ahead Load Obligation | Subaccount share of Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Pool Day-Ahead Load Obligation | The sum of all participants' Day-Ahead Load Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Day-Ahead Generation Obligation | Subaccount share of Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Pool Day-Ahead Generation Obligation | The sum of all participants' Day-Ahead Generation Obligation at the External Node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Day-Ahead Economic NCPC Charge | Pool Day-Ahead Economic Credits allocated to the subaccount based on its pro-rata share of the Pool Day-Ahead Load Obligation or Pool Day-Ahead Generation Obligation at the External Node for the hour. |
| Asset SCR Charges Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |

SR_DANPCSTLMNTSUMSUB – Day-Ahead NCPC Settlement Summary Subaccount Report – Rev 0
 SR_DANPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Asset Name | Name of the asset. |
| Day-Ahead SCR NCPC Charge | Day-Ahead SCR NCPC Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |

| SR_DANPCSTLMNTSUMSUB Change Summary | Effective Date |
|-------------------------------------|----------------|
| New. | 06.01.2021 |

SR_DANPCSTLSUM – Day Ahead Net Commitment Period Compensation Settlement Summary Report – RETIRED

SR_DANPCSTLSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| SETTLEMENT SUMMARY Section | |
| Total Participant Day Ahead Economic NCPC Charge | Day Ahead Economic Credits allocated to Participants based on a pro-rata share of their Daily Day Ahead Load Obligation at all locations or Hourly Load or Generation Obligation at external nodes. |
| Total Participant Day Ahead LSCPR Charge | Day Ahead LSCPR Credits allocated to Participants based on a pro-rata share of their Daily Day Ahead Load Obligation in a Reliability Region. |
| Total Participant Day Ahead Non-VAR NCPC Payments | The sum of Participant's Day Ahead Economic payments plus Participant's Day Ahead LSCPR payments. This column will be retired effective 04/01/2013. |
| Total Participant Day Ahead VAR Payments | The sum of the Participants Day Ahead VAR Payments. |
| Total Participant Net Day Ahead Non-VAR NCPC Settlement | Participant's total Day Ahead Net Commitment Period Compensation payments less charges, excluding Participant's DA Net Commitment Period Compensation VAR payments and charges. This column will be retired effective 04/01/2013. |
| Total Participant Day Ahead SCR NCPC Charge | Day Ahead SCR Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. This column will be reported for market dates beginning 04/01/2013. |
| Total Participant Day Ahead Economic, LSCPR, and SCR NCPC Payments | The sum of Participant's Day Ahead Economic payments plus Participant's Day Ahead LSCPR payments plus Participant's Day Ahead SCR payments. This column will be reported for market dates beginning 04/01/2013. |
| Total Participant Net Day Ahead Economic, LSCPR, and SCR NCPC Settlement | Participant's total Day Ahead Net Commitment Period Compensation payments less charges, excluding Participant's DA Net Commitment Period Compensation VAR payments and charges. This column will be reported for market dates beginning 04/01/2013. |
| ASSET ECONOMIC CHARGE Section | |
| Total Asset Day Ahead Economic NCPC Credits | Sum of all Day Ahead Net Commitment Period Compensation payments for assets flagged as Economic for the day. |
| Participant Day Ahead Load Obligation | The sum of the Participant's Daily Day Ahead Load Obligation. |
| Total Pool Day Ahead Load Obligation | The sum of all Participants' Daily Day Ahead Load Obligation. |
| Participant Day Ahead Economic NCPC Charge | Day Ahead Economic Credits allocated to Participants based on a pro-rata share of their Daily Day Ahead Load Obligation. |
| ASSET LSCPR CHARGE Section | |
| Reliability Region | Reliability Region Identification number. |
| Total Asset Day Ahead LSCPR Credits per Reliability Region | Sum of all Day Ahead Net Commitment Period Compensation payments for assets flagged as LSCPR. |
| Day Ahead Load Obligation per | The Day Ahead Reliability Region Load Obligation for the Participant |

SR_DANPCSTLSUM – Day Ahead Net Commitment Period Compensation Settlement Summary Report – RETIRED

SR_DANPCSTLSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Reliability Region | within a Reliability Region, for the day. This column will be retired effective no earlier than 12/31/2013, pending FERC approval. |
| Total Day Ahead Load Obligation per Reliability Region | The Day Ahead Reliability Region Load Obligation for all the Participants within a Reliability Region, for the day. For market dates beginning June 1, 2010 and following, this column will not be reported. |
| Participant Day Ahead LSCPR Charge | Day Ahead LSCPR Charges allocated to Participants per Reliability Region based on a pro-rata share of Load Obligation. |
| External Sale Load Obligation MW (CETICZ and FCA Cleared Export) | The sum of Day Ahead Load Obligation created in a Reliability Region that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been cleared in the Day Ahead market, for the day. This column will be retired effective no earlier than 12/31/2013, pending FERC approval. |
| Participant Daily NCPC Day Ahead Load Obligation | The Sum of “Day Ahead Load Obligation per Reliability Region” and “External Sale Load Obligation MW (CETICZ and FCA Cleared Export)” in a Reliability Region, for a Participant, for the day. This column will be retired effective no earlier than 12/31/2013, pending FERC approval. |
| Total Daily NCPC Day Ahead Load Obligation | The Total NCPC Day Ahead Reliability Region Load Obligation for all the Participants within a Reliability Region, for the day. This column will be retired effective no earlier than 12/31/2013, pending FERC approval. |
| Real Time Load Obligation per Reliability Region | The Real Time Reliability Region Load Obligation for the Participant within a Reliability Region, for the day. This column will be reported for market dates beginning no earlier than 12/31/2013, pending FERC approval. |
| RT External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The sum of Real Time Load Obligation created in a Reliability Region that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real Time, for the day. This column will be reported for market dates beginning no earlier than 12/31/2013, pending FERC approval. |
| Dispatchable ARD Daily RTLO Reduction MWs | The total daily reduction to a Participant’s daily Real Time Load Obligation in a Reliability Region related to Dispatchable Asset Related Demand resources per Market Rule 1, Appendix F, section III.F.3.1. This column will be reported for market dates beginning no earlier than 12/31/2013, pending FERC approval. |
| Participant Daily NCPC Real Time Load Obligation | The net daily Participant Real Time Load obligation within a Reliability Region. This value equals the sum of “RT Reliability Region Participant Daily Load Obligation”, “External Sale Load Obligation MW (CETICZ and FCA Cleared Export)” and “Dispatchable ARD Daily RTLO Reduction MWs”, for the day. |

SR_DANPCSTLSUM – Day Ahead Net Commitment Period Compensation Settlement Summary Report – RETIRED

SR_DANPCSTLSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | This column will be reported for market dates beginning no earlier than 12/31/2013, pending FERC approval. |
| Total Daily NCPC Real Time Load Obligation | The Total NCPC Real Time Reliability Region Load Obligation for all the Participants within a Reliability Region, for the day. This column will be reported for market dates beginning no earlier than 12/31/2013, pending FERC approval. |
| EXTERNAL NODE ECONOMIC CHARGE Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| External Node Id | Numerical identifier for the External Node where the Day-Ahead NCPC Credits were paid. |
| External Node Name | Name of the External Node where the Day-Ahead NCPC Credits were paid. |
| Total External Node Day Ahead Economic NCPC Credits | Sum of all Day Ahead Net Commitment Period Compensation payments for transactions at the external node flagged as Economic for the hour. |
| NCPC Credit Type | Identifies the type of transaction(s) receiving the NCPC Credit. If the total NCPC Credits are for External Transaction purchases and/or Increment Offers then this column will be 'IMPORT'. If the Total NCPC Credits are for External Transaction sales and/or Decrement Offers then this column will be 'EXPORT'. |
| Participant External Node Day Ahead Load Obligation | The sum of the Participant's Day Ahead Load Obligation at the external node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Total External Node Day Ahead Load Obligation | The sum of all Participants' Day Ahead Load Obligation at the external node for the hour. This column will be blank when the NCPC Credit Type is 'EXPORT'. |
| Participant External Node Day Ahead Generation Obligation | The sum of the Participant's Day Ahead Generation Obligation at the external node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Total External Node Day Ahead Generation Obligation | The sum of all Participants' Day Ahead Generation Obligation at the external node for the hour. This column will be blank when the NCPC Credit Type is 'IMPORT'. |
| Participant External Node Day Ahead Economic NCPC Charge | Day Ahead Economic Credits allocated to Participants based on a pro-rata share of their Day Ahead Load Obligation or Day Ahead Generation Obligation at the External Node for the hour. |
| EXTERNAL NODE LSCPR CHARGE Section (Beginning June 1, 2010, this section will no longer be populated with data) | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

SR_DANPCSTLSUM – Day Ahead Net Commitment Period Compensation Settlement Summary Report – RETIRED

SR_DANPCSTLSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily after 05:00 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Reliability Region | Reliability Region Identification number. |
| Total External Node Day Ahead LSCPR Credits per Reliability Region | Sum of all Day Ahead Net Commitment Period Compensation payments for External Transaction purchases flagged as LSCPR for the hour. |
| Participant Day Ahead Load Obligation per Reliability Region | The Day Ahead Reliability Region Load Obligation for the Participant within a Reliability Region, for the hour. |
| Day Ahead Load Obligation per Reliability Region | The Day Ahead Reliability Region Load Obligation for all Participants within a Reliability Region, for the hour. |
| Participant External Node Day Ahead LSCPR Charge | Day Ahead LSCPR Charges allocated to Participants per Reliability Region based on a pro-rata share of Load Obligation for the hour. |
| ASSET SCR CHARGES This section will be reported for market dates beginning 04/01/2013 | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset |
| Participant Day Ahead SCR NCPC Charge | Day Ahead SCR Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |

| SR_DANPCSTLSUM Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. In the Asset LSCPR Charge section, new columns “Real Time Load Obligation per Reliability Region”, “RT External Sale Load Obligation MW (CETICZ or FCA Cleared Export)”, “Dispatchable ARD Daily RTLO Reduction MWs”, “Participant Daily NCPC Real Time Load Obligation” and “Total Daily NCPC Real Time Load Obligation” have been added. Columns “Day Ahead Load Obligation per Reliability Region”, “External Sale Load Obligation MW (CETICZ and FCA Cleared Export)”, “Participant Daily NCPC Day Ahead Load Obligation” and “Total Daily NCPC Day Ahead Load Obligation” will be retired but will be used for resettlements up through 12/31/2013, or later depending on FERC. | 01.23.2014 |
| Modified. On the Settlement Summary tab, new columns "Total Participant Day Ahead SCR NCPC Charge", "Total Participant Day Ahead Economic, LSCPR, and SCR NCPC Payments" and "Total Participant Net Day Ahead Economic, LSCPR, and SCR NCPC Settlement" have been added. Columns "Total Participant Day Ahead Non-VAR NCPC Payments" and "Total Participant Net Day Ahead Non VAR NCPC Settlement" are retired but will show up for resettlements up through 4/1/2013. A new section "Asset SCR Changes" has been added. | 04.01.2013 |
| Modified. Three new columns added following 'Participant Day Ahead LSCPR Charge' column under the Asset LSCPR Charge section of this report. | 06.01.2010 |

| SR_DRSTLSUM – Demand Response Settlement Summary Report – Rev 1 SR_DRSTLSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to active participants. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Hourly Section | |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Hourly Pool Day-Ahead Payment | The dollar value of the Day-Ahead Payment for the pool for the specified trading interval. |
| Hourly Pool Real-Time Deviation Payment | The dollar value of the Real-Time Deviation Payment for the pool for the specified trading interval. |
| Hourly Pool FCM/Audit Payment | The dollar value of the FCM/Audit Payment for the pool for the specified trading interval. |
| Hourly Pool Total Payment | The sum of the Hourly Pool Day-Ahead Payment, Hourly Pool Real-Time Deviation Payment, and Hourly Pool FCM/Audit Payment for the specified trading interval. |
| Hourly Customer Day-Ahead Demand Reduction Obligation | <p>The sum of Day-Ahead Demand Reduction Obligations for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer Day-Ahead Payment | <p>The sum of Day-Ahead Payments for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer Real-Time Demand Reduction Obligation | <p>The sum of Real-Time Demand Reduction Obligations for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer Demand Reduction Deviation | <p>The sum of Asset Real-Time Demand Reduction Deviations for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer FCM/Audit Demand Reduction | <p>The sum of FCM/Audit Demand Reductions for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer Real-Time Deviation Payment | <p>The sum of Real-Time Deviation Payments for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |

| SR_DRSTLSUM – Demand Response Settlement Summary Report – Rev 1 SR_DRSTLSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly settlement available to active participants. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Hourly Customer Real-Time FCM/Audit Payment | <p>The sum of Real-Time FCM/Audit Payments for all participant assets in the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Hourly Customer Total Payment | <p>The sum of the Hourly Customer Day-Ahead Payment, Hourly Customer Real-Time Deviation Payment, and Hourly Customer Real-Time FCM/Audit Payment for the specified trading interval.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the specified trading interval.</p> |
| Monthly Section | |
| Month | Specific month for which the information is reported. |
| Monthly Pool Day-Ahead Payment | The dollar value of the Day-Ahead Payment for the pool for the settlement month. |
| Monthly Pool Real-Time Deviation Payment | The dollar value of the Real-Time Deviation Payment for the pool for the settlement month. |
| Monthly Pool Real-Time FCM/Audit Payment | The dollar value of the FCM/Audit Payment for the pool for the settlement month. |
| Monthly Pool Total Payment | The sum of the Monthly Pool Day-Ahead Payment, Monthly Pool Real-Time Deviation Payment, and Monthly Pool FCM/Audit Payment for the settlement month. |
| Monthly Customer Day-Ahead Payment | <p>The sum of Day-Ahead Payments for all participant assets in the settlement month.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the settlement month.</p> |
| Monthly Customer Real-Time Deviation Payment | <p>The sum of Real-Time Deviation Payments for all participant assets in the settlement month.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the settlement month.</p> |
| Monthly Customer Real-Time FCM/Audit Payment | <p>The sum of Real-Time FCM/Audit Payments for all participant assets in the settlement month.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the settlement month.</p> |
| Monthly Customer Total Payment | <p>The sum of Customer Day-Ahead Payment, Customer Real-Time Deviation Payment, and Customer Real-Time FCM/Audit Payment for the settlement month.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the settlement month.</p> |
| Monthly Customer Total Charge | <p>The sum of the customer's Total Charge for the settlement month.</p> <p>Note: This column will be NULL if the participant does not have any payments or charges in the settlement month.</p> |

SR_DRSTLSUM – Demand Response Settlement Summary Report – Rev 1

SR_DRSTLSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Settlement Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly settlement available to active participants.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Monthly Customer Settlement | The sum of the Monthly Customer Total Payment and Monthly Customer Total Charge for the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Month | Specific month for which the information is reported. |
| Monthly Subaccount Day-Ahead Payment | The sum of Day-Ahead Payments for all participant assets summed by subaccount in the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Monthly Subaccount Real-Time Deviation Payment | The sum of Real-Time Deviation Payments for all participant assets summed by subaccount in the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Monthly Subaccount Real-Time FCM/Audit Payment | The sum of Real-Time FCM/Audit Payments for all participant assets summed by subaccount in the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Monthly Subaccount Total Payment | The sum of Monthly Subaccount Day-Ahead Payment, Monthly Subaccount Real-Time Deviation Payment, and Monthly Subaccount Real-Time FCM/Audit Payment for the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Monthly Subaccount Total Charge | The sum of the subaccount's Total Charge for the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |
| Monthly Subaccount Settlement | The sum of the Monthly Subaccount Total Payment and Monthly Subaccount Total Charge for the settlement month. Note: This column will be NULL if the participant does not have any payments or charges in the settlement month. |

| SR_DRSTLSUM Change Summary | Effective Date |
|---|----------------|
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| New. The first version of this report is expected to be released the first week of July 2012 for obligation month June 2012. | 06.01.2012 |

SR_FCMANNUALEPOH – Forward Capacity Market Annual Equivalent Planned Outage Hours Allotment Report – *RETIRED*

SR_FCMANNUALEPOH_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Annual market report available to Forward Capacity Market Customers who are Lead Market Participants for a non-intermittent generator resource or an eligible import resource. This report will be produced annually at the start of the applicable Capacity Commitment Period after the completion of initial Monthly Equivalent Planned Outage Hours settlements for the prior Capacity Commitment Period. It may be reissued when the reconciliation settlements are completed.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Prior CCP Resource EPOH | |
| Resource ID | Numerical identifier for the resource. Only non-intermittent generator resources will be included. |
| Resource Name | Name of the resource. |
| Generator Maintenance Category | The resource's assigned type for determining maintenance allotment hours. |
| Prior Capacity Commitment Period Begin | Each of the previous Capacity Commitment Periods within the resource's Major Maintenance Period. The total number of prior Capacity Commitment Periods listed will be one less than the Major Maintenance Period because the report Capacity Commitment Period is included in the Major Maintenance Period. |
| Capacity Commitment Period EPOH Exemption | The total EPOH exemption hours used by the resource in the prior Capacity Commitment Period. |
| Current CCP Resource Allotment | |
| Resource ID | Numeric identifier for the resource. Both non-intermittent generator and import resources will be included. |
| Resource Name | Name of the Resource. |
| Generator Maintenance Category | The resource's assigned type for determining maintenance allotment hours. This value will not be reported for import resources. |
| Maximum Major Maintenance Period Allotment Hours | The maximum amount of EPOH exemption hours that may be used to adjust the resource's hourly available MW over the Major Maintenance Period for a resource assigned to the Generator Maintenance Category. This value will not be reported for import resources. |
| Major Maintenance Period | The number of Capacity Commitment Periods over which the resource is limited to the assigned Maximum Major Maintenance Period Allotment Hours for a resource assigned to the Generator Maintenance Category. This value will not be reported for import resources. |
| Maximum Capacity Commitment Period Allotment Hours | The maximum amount of EPOH exemption hours that may be used to adjust the resource's hourly available MW in a single Capacity Commitment Period for a resource assigned to the Generator Maintenance Category. This value will not be reported for import resources. |
| Major Maintenance Period EPOH Exemption | The total of EPOH exemption hours used by the resource in all prior Capacity Commitment Periods within the Major Maintenance Period. The EPOH exemption hours used by the resource in the report Capacity Commitment Period are not included in this total. This value will not be reported for import resources. |
| Available Capacity Commitment Period Allotment Hours | The amount of EPOH exemption hours available to the resource at the start of the report Capacity Commitment Period. For non-intermittent generator resources, this value is calculated as the lesser of the Maximum Capacity Commitment Period Allotment Hours, or the greater of zero and the Maximum Major Maintenance Period Allotment Hours |

SR_FCMANNUALEPOH – Forward Capacity Market Annual Equivalent Planned Outage Hours Allotment Report – *RETIRED*

SR_FCMANNUALEPOH_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Annual market report available to Forward Capacity Market Customers who are Lead Market Participants for a non-intermittent generator resource or an eligible import resource. This report will be produced annually at the start of the applicable Capacity Commitment Period after the completion of initial Monthly Equivalent Planned Outage Hours settlements for the prior Capacity Commitment Period. It may be reissued when the reconciliation settlements are completed.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | minus the Major Maintenance Period EPOH Exemption. For import resources, this value is a reported value only. |
| Adjusted Available Capacity Commitment Period Allotment Hours | The amount of EPOH exemption hours available to the non-intermittent generator resource for the report Capacity Commitment Period if adjusted. |

| SR_FCMANNUALEPOH Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| New. The first version of this will be issued early June 2011 for CP 2011. | 06.01.2011 |

| SR_FCMAVAILSUM - Forward Capacity Market Availability Penalty & Credit Summary - <i>RETIRED</i> SR_FCMAVAILSUM_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be available after the obligation month, as part of the FCM Settlement. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Capacity Zone Penalty | |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| Monthly Availability Penalty | The total Availability Penalties assessed for the Obligation Month in the Capacity Zone. |
| Monthly Capacity Zone Availability Credit MW | The sum of MW available in the Capacity Zone during Shortage Event hours in the Obligation Month. |
| Resource Penalty & Credit | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Previous Month Cumulative Availability Penalty | The sum of the Resource Monthly Availability Penalties assessed from the beginning of the Capacity Commitment Period through the month prior to the Obligation Month. |
| Calculated Monthly Availability Penalty | The Resource Availability Penalty for the Obligation Month, adjusted for any applicable caps. |
| Initial Capped Monthly Availability Penalty | The lesser charge amount of the Calculated Monthly Availability Penalty or the Monthly Availability Penalty Cap. |
| Initial Cumulative Availability Penalty | The sum of the Initial Capped Monthly Availability Penalty plus the Cumulative Availability Penalty from the previous Obligation Month in the Capacity Commitment Period. If the month is June, this value is equal to the Initial Capped Monthly Availability Penalty. |
| Monthly Availability Penalty | The lesser charge amount of the Initial Capped Monthly Availability Penalty, or the Commitment Period Cap less the Initial Capped Monthly Availability Penalty. |
| Applied Multi-Month Outage Availability Penalty Cap | The total of the Daily Availability Penalties assessed during the days of a multi-month outage. A multi-month outage is a single outage of four days or less spanning two calendar months. |
| Carry-Forward Multi-Month Outage Penalty Cap | The Multi-Month Outage Penalty Cap less the Applied Multi-Month Outage Availability Penalty Cap. |
| Cumulative Availability Penalty | The total Availability Penalties assessed in the Capacity Commitment Period. This value is the sum of the Monthly Availability Penalty plus the Cumulative Availability Penalty from the previous Obligation Month. If the month is June, this value is equal to the Monthly Availability Penalty. |
| Resource Availability Credit MW | For Resources with a Capacity Supply Obligation, the sum of the Resource Hourly Available MW during all Shortage Event Hours in the Obligation Month. For Supplementing Resources without a Capacity Supply Obligation, the sum of the Resource Final Supplementing MW during all Shortage Event Hours in the Obligation Month. |
| Resource Availability Credit | The Resource Availability Credit MW, multiplied by the Capacity Zone Monthly Availability Penalty and divided by the Monthly Capacity Zone |

| SR_FCMAVAILSUM - Forward Capacity Market Availability Penalty & Credit Summary - <i>RETIRED</i> SR_FCMAVAILSUM_<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: The report shall be available after the obligation month, as part of the FCM Settlement. | |
|--|---|
| | Availability Credit MW. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Penalty Caps | |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Capacity Zone ID | The Capacity Zone identifier as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name as determined through the Forward Capacity Auction. |
| Resource Capacity Supply Obligation | The MW value of the Resource's obligation to provide capacity acquired through the Forward Capacity Market. Where the Shortage Event crosses a monthly boundary, this value will be the minimum of the Capacity Supply Obligation values from the two Obligation Months. |
| FCA Payment Rate | The Capacity Clearing Price from the Forward Capacity Auction for the Capacity Commitment Period, as adjusted pursuant to Section III.13.2.7.3(b), or in the case of Inadequate Supply or Insufficient Competition, the lower of (1) the Capacity Clearing Price and (2) the payment rate for Existing Generating Capacity Resources, Existing Import Capacity Resources, and Existing Demand Resources under Section III.13.2.8. |
| Annualized FCA Payment | The product of the Resource Capacity Supply Obligation and the FCA Payment Rate. |
| Daily Availability Penalty Cap | Ten percent of the Annualized FCA Payment for the Obligation Month, multiplied by negative one. |
| Monthly Availability Penalty Cap | Two and one-half times the Annualized FCA Payment for the Obligation Month, divided by twelve and multiplied by negative one. |
| Multi-Month Outage Availability Penalty Cap | Two and one-half times the average of the Annualized FCA Payment in the Obligation Months impacted by a multi-month outage, multiplied by negative one. |
| Carried-Over Multi-Month Outage Penalty Cap | The amount of the multi-month outage cap not applied in the previous Obligation Month. |
| Cumulative PER Adjustment | The sum of the Resource PER adjustments from the beginning of the Capacity Commitment Period through the current Obligation Month. |
| Estimated PER Adjustment | The Average Monthly Peak Energy Rent for the Obligation Month, multiplied by the number of remaining months in the Capacity Commitment Period, not including the current Obligation Month. |
| Capacity Commitment Period Penalty Cap | The Annualized FCA Payment minus the Estimated PER Adjustment, multiplied by negative one. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SR_FCMAVAILSUM - Forward Capacity Market Availability Penalty & Credit Summary - <i>RETIRED</i> | |
|--|--|
| SR_FCMAVAILSUM_<market service>_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: The report shall be available after the obligation month, as part of the FCM Settlement. | |
| Resource Daily Penalty | |
| Trading Date | Calendar date on which the trading interval occurred. |
| Resource ID | Numerical identifier for the Resource. |
| Resource Name | Name of the Resource. |
| Resource Type | The FCM Resource Type. Appropriate values are: Generator and Import. |
| Calculated Daily Availability Penalty | The sum of the Shortage Event Availability Penalties assessed for the Trading Date. |
| Initial Capped Daily Availability Penalty | The lesser charge amount of the Calculated Daily Availability Penalty or the Daily Availability Penalty Cap. |
| Carried-Over Outage-Capped Daily Availability Penalty | If the resource was subject to a Multi-Month Outage Cap due to a multi-month outage beginning in the previous month, the prorated amount of the Carry-Forward Multi-Month Outage Cap applied to the Trading Date. This value is calculated as the Initial Capped Daily Availability Penalty, multiplied by the Carry-Forward Multi-Month Outage Cap and divided by the total of the Initial Capped Daily Availability Penalty penalties assessed during the multi-month outage in the current obligation month. Otherwise, this value is the Initial Capped Daily Availability Penalty. |
| Daily Availability Penalty | If the Calculated Monthly Availability Penalty results in a larger charge than the Monthly Availability Penalty Cap, the prorated amount of the Monthly Availability Cap applicable to the Trading Date. This value is calculated as the Carried-Over Outage-Capped Daily Availability Penalty, multiplied by the Monthly Availability Penalty Cap and divided by the Calculated Monthly Availability Penalty. Otherwise, this value is the Carried-Over Outage-Capped Daily Availability Penalty. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

| SR_FCMAVAILSUM Change Summary | Effective Date |
|---|----------------|
| Retired. | 06.01.2018 |
| Modified. In “Penalty Caps” section, modified description of “FCA Payment Rate”. | 06.01.2016 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource Penalty & Credit”, “Penalty Caps”, and “Resource Daily Penalty” sections. | 08.01.2015 |
| New. | 06.01.2010 |

SR_FCMDLYSTLSUM – Forward Capacity Market Daily Settlement Summary Report – Rev 0

SR_FCMDLYSTLSUM_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Total Daily Charge | Capacity Zone Total Daily Charge |
| Capacity Zone Supply Daily Credits | Capacity Zone Supply Daily Credits |
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Total Daily Charge | Customer Total Daily Charge |
| Customer Supply Daily Credit | Month-Ahead Customer Supply Credit ¹ / number of days in the obligation month |
| Customer ART Daily Payment | Total ART payments for all resources for the customer / number of days in the obligation month |
| Customer Total Daily Credits | Customer Supply Daily Credit + Customer Daily ART Payment |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Total Daily Charge | Subaccount Total Daily Charge |
| Subaccount Supply Daily Credit | Month-Ahead Subaccount Supply Credit ¹ / number of days in the obligation month |
| Subaccount ART Daily Payment | Total ART payments for all resources for the subaccount / number of day in the month |
| Subaccount Total Daily Credits | Subaccount Supply Daily Credit + Subaccount ART Daily Payment |
| Capacity Resource | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |

SR_FCMDLYSTLSUM – Forward Capacity Market Daily Settlement Summary Report – Rev 0

SR_FCMDLYSTLSUM_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|------------------------------|---|
| Resource Supply Daily Credit | Month-Ahead Resource Supply Credit ¹ / number of days in the obligation month |
| Resource ART Daily Payment | Total ART payments for the resource / number of day in the obligation month |
| Resource Total Daily Credits | Resource Supply Daily Credit + Resource ART Daily Payment |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

¹ More information on this value can be found in SD_FCMSUPPLYCREDITSUM

| SR_FCMDLYSTLSUM Change Summary | Effective Date |
|--|----------------|
| New. This new report takes effect with commitment period June 2022. | 06.01.2022 |

SR_FCMDLYSTLSUMSUB – Forward Capacity Market Daily Settlement Summary Subaccount Report – Rev 0

SR_FCMDLYSTLSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------|--|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Total Daily Charge | Subaccount Total Daily Charge |
| Subaccount Supply Daily Credit | Month-Ahead Subaccount Supply Credit ¹ / number of days in the obligation month |
| Subaccount ART Daily Payment | Month-Ahead Subaccount ART Monthly Payment ¹ / number of days in the obligation month. |
| Subaccount Total Daily Credits | Subaccount Supply Daily Credit + Subaccount ART Daily Payment |

¹ More information on this value can be found in SD_FCMSUPPLYCREDITSUM

| SR_FCMDLYSTLSUMSUB Change Summary | Effective Date |
|--|----------------|
| New. This new report takes effect with commitment period June 2022. | 06.01.2022 |

| SR_FCMNRCPSUM – Forward Capacity Market Net Regional Clearing Price Summary Report – Rev 5 | |
|---|---|
| SR_FCMNRCPSUM _<market service>_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: The report shall be produced on a monthly basis with the initial settlement and with any resettlements. | |
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Net Regional Clearing Price Total Credit | The pool total of the Net Regional Clearing Price Total Credits. |
| Pool Performance Penalty | This column is no longer used and will be reported as NULL. |
| Pool Net Performance Incentive | This column is no longer used and will be reported as NULL. |
| Capacity Zone | |
| Capacity Zone ID | The Capacity Zone identifier for the Resource as determined through the Forward Capacity Auction. |
| Capacity Zone Name | The Capacity Zone name for the Resource as determined through the Forward Capacity Auction. |
| FCA Payment | The sum of payments for all Capacity Supply Obligation types in the Capacity Zone acquired through the Forward Capacity Auction. |
| Net Reconfiguration Auction Credit or Charge | The sum of the credits and charges to Resources in the Capacity Zone associated to Reconfiguration Auction transactions. |
| Peak Energy Rent Adjustment | The sum of Peak Energy Rent Adjustments in the Capacity Zone. Effective 6/1/2019, this column will no longer be used and will be reported as NULL. |
| Net Regional Clearing Price Total Credit | The sum of the FCA Payment plus the Net Reconfiguration Auction Credit or Charge, minus the Capacity Zone Peak Energy Rent Adjustment. |
| Net Regional Clearing Price Total Credit Adjustment | This column is no longer used and will be reported as NULL. |
| Adjusted Net Regional Clearing Price Total Credit | This column is no longer used and will be reported as NULL. |
| Capacity Zone Capacity Supply Obligation | The total Capacity Zone Capacity Supply Obligation as determined through the Forward Capacity Auction. |
| Self-Supplied Capacity Supply Obligation | The sum of the Capacity Supply Obligation for Resources in the Capacity Zone in which the obligation type is SSO. |
| Net Regional Clearing Price Capacity Supply Obligation | The Capacity Zone Capacity Supply Obligation minus the Self-Supplied Capacity Supply Obligation. |
| Net Regional Clearing Price | The quotient of the Net Regional Clearing Price Total Credit divided by the Net Regional Clearing Price Capacity Supply Obligation, and divided by 1000. |

| SR_FCMNRCPSUM Change Summary | Effective Date |
|--|----------------|
| Modified. No change in report structure. Updated “Net Regional Clearing Price” to use “Net Regional Clearing Price Total Credit” instead of “Adjusted Net Regional Clearing Price Total Credit” | 11.02.2020 |
| Modified. No change in report structure. “Peak Energy Rent Adjustment” in the “Capacity Zone” section will be reporting NULL. | 06.01.2019 |
| Modified. In the “Capacity Zone” section, clarified that “FCA Payment” is for Capacity Supply Obligation acquired through the Forward Capacity Auction. Also in the “Capacity Zone” section, removed the RTEG adjustment to “Capacity Zone Capacity Supply Obligation”. | 01.01.2019 |

| | |
|--|------------|
| Modified. In the “Pool” section, the “Pool Performance Penalty” and “Pool Net Performance Incentive” columns are NULL effective June 1, 2018. In the “Capacity Zone” section, the “Net Regional Clearing Price Total Credit Adjustment “ and the “Adjusted Net Regional Clearing Price Total Credit” columns are NULL effective June 1, 2018. | 06.01.2018 |
| Modified. No change in report structure, only report description change. In the Capacity Zone section, the description of the 'Net Regional Clearing Price Total Credit Adjustment' is now the sum of the Capacity Zone Net Performance Incentive and Capacity Zone Performance Penalty. This change is reflective of a calculation change and will be effective with reports issued beginning with obligation month June 2012. | 06.01.2012 |
| New. | 06.01.2010 |

SR_FCMPERFORMSTL – Forward Capacity Market Performance Settlement Report – RETIRED

SR_FCMPERFORMSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Pool Data | |
| Pool Negative Capacity Variance | The total of the Capacity Variances that were less than zero for all Demand Resources in the Pool. |
| Pool Positive Capacity Variance | The total of the Capacity Variances that was greater than zero for all Demand Resources in the Pool. |
| Pool Performance Penalty | The total of the Performance Penalties assessed for all Demand Resources in the Pool. |
| Pool Preliminary Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the Pool prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Pool Net Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the Pool after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Capacity Zone Data | |
| Capacity Zone ID | Capacity Zone Identification Number. |
| Capacity Zone Name | Name of the Capacity Zone. |
| Capacity Zone Negative Capacity Variance | The total of the Capacity Variances that were less than zero for all Demand Resources in the Capacity Zone. |
| Capacity Zone Positive Capacity Variance | The total of the Capacity Variances that was greater than zero for all Demand Resources in the Capacity Zone. |
| Capacity Zone Performance Penalty | The total of the Performance Penalties assessed for all Demand Resources in the Capacity Zone. |
| Capacity Zone Preliminary Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the Capacity Zone prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Capacity Zone Net Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the Capacity Zone after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Dispatch Location Data | |
| Dispatch Location ID | <p>Dispatch location identification number, which can be either Dispatch Zone or Load Zone.</p> <p>For the 2010/2011 Capacity Commitment Period: The ISO will dispatch Active Demand Resources at the Load Zone level and only report Load Zone totals.</p> <p>Beginning in the 2011/2012 Capacity Commitment Period: The ISO will dispatch Active Demand Resources at the Dispatch Zone level and report both Dispatch Zone and Load Zone totals. Note that Dispatch Zone totals will not include Passive Demand Resources.</p> |
| Dispatch Location Name | Name of the dispatch location, which can be either Dispatch Zone or Load Zone. |

SR_FCMPERFORMSTL – Forward Capacity Market Performance Settlement Report – RETIRED

SR_FCMPERFORMSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Load Zone ID | Load Zone identification number. |
| Load Zone Name | Name of the Load Zone. |
| Dispatch Location Negative Capacity Variance | The total of the Capacity Variances that were less than zero for all Demand Resources in the dispatch location. |
| Dispatch Location Positive Capacity Variance | The total of the Capacity Variances that was greater than zero for all Demand Resources in the dispatch location. |
| Dispatch Location Performance Penalty | The total of the Performance Penalties assessed for all Demand Resources in the dispatch location. |
| Dispatch Location Preliminary Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the dispatch location prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Dispatch Location Net Performance Incentive | The total of the Performance Incentives earned for all Demand Resources in the dispatch location after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Customer Data | |
| Capacity Zone ID | Capacity Zone identification number. |
| Capacity Zone Name | Name of the Capacity Zone. |
| Customer Capacity Supply Obligation | The MW value of the customer's total obligation, from all Demand Resources, to provide capacity to satisfy a portion of the Installed Capacity Requirement acquired through the Forward Capacity Auction, Reconfiguration Auction or Capacity Supply Obligation Bilateral. |
| Customer Demand Reduction Value | The customer's total Demand Reduction Value for the month, for all Demand Resources in the Capacity Zone. |
| Customer Non-DRV Output | The customer's total non-DRV output for the month, for all Demand Resources in the Capacity Zone. |
| Customer Capacity Value | The customer's capacity value for the month, for all Demand Resources in the Capacity Zone |
| Customer Negative Capacity Variance | The customer's total Capacity Variances in the month that were less than zero for all Demand Resources in the Capacity Zone. |
| Customer Positive Capacity Variance | The customer's total of the Capacity Variances in the month that were greater than zero for all Demand Resources in the Capacity Zone. |
| Customer Performance Penalty | The customer's total of the Performance Penalties assessed in the month for all Demand Resources in the Capacity Zone. |
| Customer Preliminary Performance Incentive | The customer's total of the Performance Incentives earned in the month for all Demand Resources in the Capacity Zone prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Customer Net Performance Incentive | The customer's total of the Performance Incentives earned in the month for all Demand Resources in the Capacity Zone after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Resource Monthly Data | |
| Demand Resource ID | Numerical identifier for the Demand Resource the asset is associated with. |

SR_FCMPERFORMSTL – Forward Capacity Market Performance Settlement Report – RETIRED

SR_FCMPERFORMSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Demand Resource Name | Name of the Demand Resource. |
| Demand Resource Type | Name of the type for which the Demand Resource was qualified. Appropriate values are: <ul style="list-style-type: none">• On-Peak• Seasonal Peak• RT Demand Response• RT Emergency Generation |
| Demand Resource Capacity Zone ID | Capacity Zone identification number the Demand Resource is located in. |
| Demand Resource Capacity Zone Name | Name of the Capacity Zone the Demand Resource is located in. |
| Demand Resource Dispatch Location ID | The Dispatch Zone Identification Number, which can be either Dispatch Zone or Load Zone, in which the Demand Resource is located. For the 2010/2011 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Load Zone level. For the 2011/2012 Capacity Commitment Period: The ISO will dispatch Demand Resources at the Dispatch Zone level. |
| Demand Resource Dispatch Location Name | The Name of the Dispatch Zone in which the Demand Resource is located, which can be either Dispatch Zone or Load Zone. |
| Demand Resource Dispatch Location Type | The name to identify the type of dispatch location, either Dispatch Zone or Load Zone. |
| Demand Resource Capacity Supply Obligation | The MW value of the Demand Resource's total obligation to provide capacity to satisfy a portion of the Installed Capacity Requirement acquired through the Forward Capacity Auction, Reconfiguration Auction or Capacity Supply Obligation Bilateral. |
| Demand Resource Average Hourly Load Reduction | The Demand Resource's average hourly load reduction in the capacity zone, coincident with performance hours in the month. |
| Demand Resource Average Hourly Output | The Demand Resource's average hourly output in the Capacity Zone, coincident with performance hours in the month. |
| Demand Resource Non-DRV Output | The Demand Resource's non-DRV output for the month in the Capacity Zone. |
| Demand Resource Demand Reduction Value | The Demand Resource's Demand Reduction Value for the month in the Capacity Zone. |
| Demand Resource Demand Reduction Type | A label that identifies what type of Demand Reduction Value is used for the Demand Resource in the month. "Monthly" will be used during seasonal performance months and "Seasonal" will be used in non-performance months. |
| Demand Resource Capacity Value | The Demand Resource's capacity value for the month in the Capacity Zone |
| Demand Resource Negative Capacity Variance | The Demand Resource's Capacity Variance in the month that was less than zero in the Capacity Zone. |
| Demand Resource Positive Capacity Variance | The Demand Resource's Capacity Variance in the month that was greater than zero in the Capacity Zone. |
| Demand Resource Performance Rate | The rate at which performance penalties or preliminary performance incentives were calculated. In the case of Inadequate Supply or Insufficient |

SR_FCMPERFORMSTL – Forward Capacity Market Performance Settlement Report – RETIRED

SR_FCMPERFORMSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | Competition in the Capacity Zone, the performance rate will be the lower of (1) the Capacity Clearing Price and (2) the payment rate for Existing Generating Capacity Resources, Existing Import Capacity Resources, and Existing Demand Resources under Section III.13.2.8. |
| Demand Resource Performance Penalty | The Demand Resource's Performance Penalties assessed in the month in the Capacity Zone. |
| Demand Resource Preliminary Performance Incentive | The Demand Resource's Performance Incentives earned in the month in the Capacity Zone prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Demand Resource Net Performance Incentive | The Demand Resource's Performance Incentives earned in the month in the Capacity Zone after capping for the total performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Data | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | Capacity Zone identification number. |
| Capacity Zone Name | Name of the Capacity Zone. |
| Subaccount Capacity Supply Obligation | The MW value of the subaccount's total obligation, from all Demand Resources, to provide capacity to satisfy a portion of the Installed Capacity Requirement acquired through the Forward Capacity Auction, Reconfiguration Auction or Capacity Supply Obligation Bilateral. |
| Subaccount Demand Reduction Value | The subaccount's total Demand Reduction Value for the month, for all Demand Resources in the Capacity Zone. |
| Subaccount Non-DRV Output | The subaccount's total non-DRV output for the month, for all Demand Resources in the Capacity Zone. |
| Subaccount Capacity Value | The subaccount's capacity value for the month, for all Demand Resources in the Capacity Zone |
| Subaccount Negative Capacity Variance | The subaccount's total Capacity Variances in the month that were less than zero for all Demand Resources in the Capacity Zone. |
| Subaccount Positive Capacity Variance | The subaccount's total of the Capacity Variances in the month that were greater than zero for all Demand Resources in the Capacity Zone. |
| Subaccount Performance Penalty | The subaccount's total of the Performance Penalties assessed in the month for all Demand Resources in the Capacity Zone. |
| Subaccount Preliminary Performance Incentive | The subaccount's total of the Performance Incentives earned in the month for all Demand Resources in the Capacity Zone prior to capping for the total performance penalties collected as defined in Market Rule 1, Section III.13.7.2.7.5.4. |
| Subaccount Net Performance Incentive | The subaccount's total of the Performance Incentives earned in the month for all Demand Resources in the Capacity Zone after capping for the total |

SR_FCMPERFORMSTL – Forward Capacity Market Performance Settlement Report – RETIRED

SR_FCMPERFORMSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report will be produced on a monthly basis for the prior month and will be issued prior to initial and resettlement billing. This report will be issued to Lead Market Participants for Demand Resources with a Capacity Supply Obligation and provides details of the Demand Resource performance settlement and associated data, including penalties or incentives assessed to Demand Resources.

| REPORT COLUMN | DESCRIPTION |
|---------------|---|
| | performance penalties collected, if necessary, as defined in Market Rule 1, Section III.13.7.2.7.5.4. |

| SR_FCMPERFORMSTL Change Summary | Effective Date |
|--|----------------|
| Retired. | 06.01.2018 |
| Modified. In the “Resource Monthly Data” section, modified description of “Demand Resource Performance Rate”. | 06.01.2016 |
| Modified. No change to report description. The label of units was modified from MWh to MW on the template and sample files in the “Resource Monthly Data” section, columns “Demand Resource Average Hourly Load Reduction” and “Demand Resource Average Hourly Output”. | 06.01.2016 |
| Modified. Added new columns “Subaccount ID” and “Subaccount Name” in the “Resource Monthly Data” section. Added new “Subaccount Data” section. | 08.01.2015 |
| New. | 06.01.2010 |

SR_FCMSTLSUM – Forward Capacity Market Settlement Summary Report – Rev 6

SR_FCMSTLSUM _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The Monthly settlement report available to Forward Capacity Market Customers after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Pool | |
| Pool Net Supply Credit | The pool total of the Net Supply Credit. |
| Pool Residual CTR Fund Credit | The pool total of the Residual CTR Fund Credit. |
| Pool Specifically Allocated CTR Credit | The pool total of the Specifically Allocated CTR Credit. |
| Pool Capacity Load Obligation Charge | The pool total of the Capacity Load Obligation Charge. |
| Pool Reliability Charge | The pool total of the Reliability Charge |
| Pool Failure to Cover Charge | <p>The pool total of Failure to Cover Charge.</p> <p>This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019.</p> |
| Capacity Zone | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Capacity Zone Net Supply Credit | The sum of the Net Supply Credit for all Resources in the Capacity Zone. |
| Capacity Zone Capacity Load Obligation Charge | The sum of the Capacity Load Obligation Charge for all customers with Capacity Load Obligation in the Capacity Zone. |
| Capacity Zone Residual CTR Fund Credit | The sum of all Residual CTR Fund Credits in the Capacity Zone. |
| Capacity Zone Reliability Charge | The sum of all Reliability Charges in the Capacity Zone. |
| Capacity Zone Export Capacity Credit Offset | Capacity Zone Export Capacity Credit Offset |
| Capacity Zone Export Capacity Charge Offset | The sum of Export Capacity Credits in the Capacity Zone. |
| Capacity Zone Capacity Performance Payment | <p>Sum of the Final Capacity Performance Payment.</p> <p>This column will contain a NULL value prior to 6/1/2018 and will be populated starting 6/1/2018.</p> |
| FCA Starting Price | <p>The starting price in the Forward Capacity Auction.</p> <p>This column will contain a NULL value prior to 6/1/2018 and will be populated starting 6/1/2018</p> |
| Capacity Clearing Price | <p>The clearing price for a Capacity Zone as determined through the FCA.</p> <p>This column will contain a NULL value prior to 6/1/2018 and will be populated starting 6/1/2018.</p> |

SR_FCMSTLSUM – Forward Capacity Market Settlement Summary Report – Rev 6

SR_FCMSTLSUM _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The Monthly settlement report available to Forward Capacity Market Customers after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Capacity Zone Failure to Cover Charge | The sum of Failure to Cover Charge in the Capacity Zone. This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |
| Capacity Zone Failure to Cover Credits | Capacity Zone Failure to Cover Charge x (-1). This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |
| Customer | |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Customer Net Supply Credit | The sum for all resources the Gross Supply Credit , the Capacity Performance Payment, and the CETICZ Charge for the customer. |
| Customer Capacity Load Obligation Charge | The sum of the Capacity Load Obligation Charge assessed to the customer. |
| Customer Residual CTR Fund Credit | The sum of the Residual CTR Fund Credits for the customer. |
| Customer Specifically Allocated CTR Credit | The sum of the Specifically Allocated CTR Credit for the customer. |
| Customer Reliability Credit | The sum of the Reliability Credits awarded to Resources that were retained for reliability in the Forward Capacity Auction. |
| Customer Reliability Charge | The sum of the Reliability Charges assessed to the customer. |
| Customer Net FCM Credit | The sum of the Customer Net Supply Credit and the Customer Capacity Zone Reliability Credits. |
| Customer Net FCM Charge | The sum of the Customer Capacity Load Obligation Charge, Customer Specifically Allocated CTR Credit, and Customer Residual CTR Fund Credit. |
| Customer Export Capacity Credit Offset | The sum of Export Capacity Charges for the customer. |
| Customer Export Capacity Charge Offset | The sum of Export Capacity Credits for the customer. |
| Customer Capacity Performance Payment | The sum of the Capacity Performance Payment for all Resources. This column will contain a NULL value prior to 6/1/2018 and will be populated starting 6/1/2018. |
| Customer Failure to Cover Charge | The sum of the Failure to Cover Charge for Customer subaccounts This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |

SR_FCMSTLSUM – Forward Capacity Market Settlement Summary Report – Rev 6

SR_FCMSTLSUM _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The Monthly settlement report available to Forward Capacity Market Customers after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Customer Failure to Cover Credits | <p>The sum of the Failure to Cover Credits for Customer subaccounts.</p> <p>This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019.</p> |
| Subaccount | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Subaccount Net Supply Credit | The sum of the Net Supply Credit for the customer. |
| Subaccount Capacity Load Obligation Charge | The sum of the Capacity Load Obligation Charge assessed to the subaccount. |
| Subaccount Residual CTR Fund Credit | The sum of the Residual CTR Fund Credits for the subaccount. |
| Subaccount Specifically Allocated CTR Credit | The sum of the Specifically Allocated CTR Credit for the subaccount. |
| Subaccount Reliability Credit | The sum of the Reliability Credits awarded to Resources that were retained for reliability in the Forward Capacity Auction. |
| Subaccount Reliability Charge | The sum of the Reliability Charges assessed to the subaccount. |
| Subaccount Net FCM Credit | The sum of the Subaccount Net Supply Credit and the Subaccount Capacity Zone Reliability Credits. |
| Subaccount Net FCM Charge | The sum of the Subaccount Capacity Load Obligation Charge, Subaccount Specifically Allocated CTR Credit, and Subaccount Residual CTR Fund Credit. |
| Subaccount Export Capacity Credit Offset | The sum of Export Capacity Charges for the subaccount. |
| Subaccount Export Capacity Charge Offset | The sum of Export Capacity Credits for the subaccount. |
| Subaccount Capacity Performance Payment | <p>The sum of the Capacity Performance Payment for all Resources mapped to the Subaccount.</p> <p>This column will contain a NULL value prior to 6/1/2018 and will be populated starting 6/1/2018.</p> |
| Subaccount Failure to Cover Charge | <p>The sum of Failure to Cover Charge for all Resources mapped to the subaccount.</p> <p>This column will contain a NULL value prior to 6/1/2019 and will be</p> |

SR_FCMSTLSUM – Forward Capacity Market Settlement Summary Report – Rev 6

SR_FCMSTLSUM _<market service>_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: The Monthly settlement report available to Forward Capacity Market Customers after the end of each Obligation Month, as part of the FCM Settlement, and available with any resettlements.

| REPORT COLUMN | DESCRIPTION |
|-------------------------------------|---|
| | populated starting 6/1/2019. |
| Subaccount Failure to Cover Credits | Capacity Zone Failure to Cover Credits x Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation This column will contain a NULL value prior to 6/1/2019 and will be populated starting 6/1/2019. |

| SR_FCMSTLSUM Change Summary | Effective Date |
|---|----------------|
| Modified. In “Pool” section, added new column “Pool Failure to Cover Charge”. In “Capacity Zone” section, added new columns “Capacity Zone Failure to Cover Charge” and “Capacity Zone Failure to Cover Credits”. In “Customer” section, added new columns “Customer Failure to Cover Charge” and “Customer Failure to Cover Credits”. In “Subaccount” section, added new columns “Subaccount Failure to Cover Charge” and “Subaccount Failure to Cover Credits”. | 06.01.2019 |
| Modified. In the “Customer” section, expand the description of Customer Net Supply Credit for clarity. | 01.01.2019 |
| Modified. In “Capacity Zone” section, added columns “Capacity Zone Capacity Performance Payment”, “FCA Starting Price” and “Capacity Clearing Price.” In “Customer” section, added column “Customer Capacity Performance Payment.” In “Subaccount” section, added column “Subaccount Capacity Performance Payment.” | 06.01.2018 |
| Modified. In “Pool” section, added new columns “Pool Export Capacity Credit Offset” and “Pool Export Capacity Charge Offset”. In “Capacity Zone” section, added new columns “Capacity Zone Export Capacity Credit Offset” and “Capacity Zone Export Capacity Charge Offset”. In “Customer” section, added new columns “Customer Export Capacity Credit Offset” and “Customer Export Capacity Charge Offset”. In “Subaccount” section, added new columns “Subaccount Export Capacity Credit Offset” and “Subaccount Export Capacity Charge Offset”. | 06.01.2017 |
| Modified. Added new “Subaccount” section. | 08.01.2015 |
| Existing. No change in report structure. In Pool section "Pool Residual CTR Fund Credit" and "Pool Specifically Allocated CTR Credit" will be populated effective June 1, 2012. Any resettlement prior to June 1, 2012 will contain null. In Capacity Zone section "Capacity Zone Residual CTR Fund Credit" will be populated effective June 1, 2012. Any resettlement prior to June 1, 2012 will contain null. In Customer section "Customer Residual CTR Fund Credit" and "Customer Specifically Allocated CTR Credit" will be populated effective June 1, 2012. Any resettlement prior to June 1, 2012 will contain null. | 06.01.2012 |
| New. | 06.01.2010 |

| SR_FCMSTLSUM2 – Forward Capacity Market Settlement Summary Report – Rev 0 SR_FCMSTLSUM2_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Export Capacity Charge Offset | Sum of export capacity credits |
| Pool Failure to Cover Charge Adjustment | Sum of failure to cover charge adjustments |
| Pool Charge Adjustment | Sum of monthly charges |
| Pool Reliability Charge | Sum of reliability charges |
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Export Capacity Credit Offset | Sum of export capacity charges |
| Capacity Zone Capacity Performance Payment | Sum of final capacity performance payments |
| Capacity Zone Failure to Cover Charge | Sum of failure to cover charges |
| Capacity Zone Supply Credit Adjustment | Sum of monthly supply credit adjustments |
| Capacity Zone Export Capacity Charge Offset | Sum of export capacity charge offsets |
| Capacity Zone Failure to Cover Charge Adjustment | Sum of failure to cover charge adjustments |
| Capacity Zone Charge Adjustment | Sum of monthly charge adjustments |
| Capacity Zone Reliability Credit | Sum of reliability credits |
| Capacity Zone Reliability Charge | Sum of reliability charges |
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Export Capacity Credit Offset | Sum of export capacity credit offsets |
| Customer Capacity Performance Payment | Sum of capacity performance payments |
| Customer Failure to Cover Charge | Sum of failure to cover charges |
| Customer Supply Credit Adjustment | Sum of supply credit adjustments |
| Customer Export Capacity Charge Offset | Sum of export capacity charge offsets |
| Customer Failure to Cover Charge Adjustment | Sum of failure to cover charge adjustments |
| Customer Charge Adjustment | Sum of monthly charge adjustments |

| SR_FCMSTLSUM2 – Forward Capacity Market Settlement Summary Report – Rev 0 SR_FCMSTLSUM2_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Customer Reliability Credit | Sum of reliability credits awarded to resources that were retained for reliability in the forward capacity auction |
| Customer Reliability Charge | Sum of reliability charges |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Export Capacity Credit Offset | Sum of export capacity credit offsets |
| Subaccount Capacity Performance Payment | Sum of capacity performance payments |
| Subaccount Failure to Cover Charge | Sum of failure to cover charges |
| Subaccount Supply Credit Adjustment | Sum of monthly credit adjustments |
| Subaccount Export Capacity Charge Offset | Sum of export capacity charge offsets |
| Subaccount Failure to Cover Charge Adjustment | Capacity Zone Failure to Cover Charge Adjustment x (Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation) |
| Subaccount Charge Adjustment | Sum of charge adjustments |
| Subaccount Reliability Credit | Sum of reliability credits awarded to subaccount-mapped resources that were retained for reliability in the forward capacity auction |
| Subaccount Reliability Charge | Sum of reliability charges |

| SR_FCMSTLSUM2 Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 06.01.2022 |

| SR_FCMSTLSUMSUB – Forward Capacity Market Settlement Summary Subaccount Report – Rev 0 SR_FCMSTLSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Export Capacity Credit Offset | Sum of export capacity charges for the subaccount |
| Subaccount Capacity Performance Payment | Sum of capacity performance payment for all resources mapped to the subaccount |
| Subaccount Failure to Cover Charge | Sum of failure to cover charge for all resources mapped to the subaccount |
| Subaccount Supply Credit Adjustment | Sum of monthly credits for all resources mapped to the subaccount |
| Subaccount Export Capacity Charge Offset | Sum of export capacity credits for the subaccount |
| Subaccount Failure to Cover Charge Adjustment | Capacity Zone Failure to Cover Charge Adjustment \times (Subaccount Capacity Load Obligation / Capacity Zone Capacity Load Obligation) |
| Subaccount Charge Adjustment | The sum of the monthly charges for the subaccount |
| Subaccount Reliability Credit | Sum of reliability credits awarded to subaccount-mapped resources that were retained for reliability in the forward capacity auction |
| Subaccount Reliability Charge | Sum of reliability charges assessed to the subaccount |

| SR_FCMSTLSUMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 06.01.2022 |

| SR_FCMSUPPLYCREDITSUM – Forward Capacity Market Supply Credit Summary Report – Rev 1 SR_FCMSUPPLYCREDITSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Pool | |
| Pool Supply Monthly Credit | Pool Supply Monthly Credit |
| Capacity Zone | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Capacity Zone Supply Monthly Credit | Capacity Zone Supply Monthly Credit |
| Customer | |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Customer Supply Monthly Credit | Customer Supply Monthly Credit |
| Customer ART Monthly Payment | Customer ART Monthly Payment |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Supply Monthly Credit | Subaccount Supply Monthly Credit |
| Subaccount ART Monthly Payment | Subaccount ART Monthly Payment |
| Capacity Resource | |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| External Interface Name | External Interface Name |
| Capacity Supply Obligation | Capacity supply obligation acquired through the FCA |
| FCA Payment | Credit or charge associated with the FCA capacity supply obligation |

SR_FCMSUPPLYCREDITSUM – Forward Capacity Market Supply Credit Summary Report – Rev 1
SR_FCMSUPPLYCREDITSUM_<customer id>_<settlement date>_<version>.CSV
<Customer Name>
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | |
|--|--|-------|-------------|-----|---|----------|---|--------|---|------|--|----------|--|--------|--|
| | transactions | | | | | | | | | | | | | | |
| Net Capacity Supply Obligation Bilateral Credit or Charge | Net Capacity Supply Obligation Bilateral Credit or Charge | | | | | | | | | | | | | | |
| Net Reconfiguration Auction Credit or Charge | Net Reconfiguration Auction Credit or Charge | | | | | | | | | | | | | | |
| Supply Credit | FCA Payment + Net Capacity Supply Obligation Bilateral Credit or Charge + Net Reconfiguration Auction Credit or Charge | | | | | | | | | | | | | | |
| ART Payment | ART Payment | | | | | | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | | | | | | | |
| Subaccount Name | Subaccount Name | | | | | | | | | | | | | | |
| Resource CSO Credits Charges | | | | | | | | | | | | | | | |
| Resource ID | Resource ID | | | | | | | | | | | | | | |
| Resource Name | Resource Name | | | | | | | | | | | | | | |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import | | | | | | | | | | | | | | |
| Capacity Zone ID | Capacity Zone ID | | | | | | | | | | | | | | |
| Capacity Zone Name | Capacity Zone Name | | | | | | | | | | | | | | |
| External Interface Name | External Interface Name | | | | | | | | | | | | | | |
| Obligation Source | Appropriate values are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>FCA</td><td>Forward Capacity Auction</td></tr> <tr> <td>aRA</td><td>Annual Reconfiguration Auction</td></tr> <tr> <td>mRA</td><td>Monthly Reconfiguration Auction</td></tr> <tr> <td>mIBT</td><td>Monthly Bilateral Contract</td></tr> </tbody> </table> | Value | Description | FCA | Forward Capacity Auction | aRA | Annual Reconfiguration Auction | mRA | Monthly Reconfiguration Auction | mIBT | Monthly Bilateral Contract | | | | |
| Value | Description | | | | | | | | | | | | | | |
| FCA | Forward Capacity Auction | | | | | | | | | | | | | | |
| aRA | Annual Reconfiguration Auction | | | | | | | | | | | | | | |
| mRA | Monthly Reconfiguration Auction | | | | | | | | | | | | | | |
| mIBT | Monthly Bilateral Contract | | | | | | | | | | | | | | |
| Obligation Type | If obligation source is FCA , appropriate values for are: <table border="1"> <thead> <tr> <th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>NCO</td><td>New Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>NCO_RUN2</td><td>New Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>NCO_SA</td><td>New Capacity Obligation in the FCA Substitution Auction</td></tr> <tr> <td>ECO</td><td>Existing Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>ECO_RUN2</td><td>Existing Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>ECO_SA</td><td>Existing Capacity Obligation in the FCA Substitution Auction</td></tr> </tbody> </table> | Value | Description | NCO | New Capacity Obligation in the FCA primary clearing run | NCO_RUN2 | New Capacity Obligation in the FCA 2 nd clearing run | NCO_SA | New Capacity Obligation in the FCA Substitution Auction | ECO | Existing Capacity Obligation in the FCA primary clearing run | ECO_RUN2 | Existing Capacity Obligation in the FCA 2 nd clearing run | ECO_SA | Existing Capacity Obligation in the FCA Substitution Auction |
| Value | Description | | | | | | | | | | | | | | |
| NCO | New Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | |
| NCO_RUN2 | New Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | |
| NCO_SA | New Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | | | |
| ECO | Existing Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | |
| ECO_RUN2 | Existing Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | |
| ECO_SA | Existing Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | | | |

SR_FCMSUPPLYCREDITSUM – Forward Capacity Market Supply Credit Summary Report – Rev 1
 SR_FCMSUPPLYCREDITSUM_<customer id>_<settlement date>_<version>.CSV
 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION | |
|---------------|--|--|
| | SSO_NCO | Self-Supplied New Capacity Obligation in the FCA primary clearing run |
| | SSO_ECO | Self-Supplied Existing Capacity Obligation in the FCA primary clearing run |
| | SSO_NCO_RUN2 | Self-Supplied New Capacity Obligation in the FCA 2 nd clearing run |
| | SSO_NCO_SA | Self-Supplied New Capacity Obligation in the FCA Substitution Auction |
| | MRECO | Multiyear Rate Existing Capacity Obligation in the FCA primary clearing run |
| | MRECO_RUN2 | Multiyear Rate Existing Capacity Obligation in the FCA 2 nd clearing run |
| | RFR | Retained for Reliability |
| | RFR_SP | Retained for Reliability Special Provision |
| | COWC_NCO | Composite Offer Winter Contribution - New Capacity Obligation in the FCA primary clearing run |
| | COWC_NCO_RUN2 | Composite Offer Winter Contribution - New Capacity Obligation in the FCA 2 nd clearing run |
| | COWC_NCO_SA | Composite Offer Winter Contribution - New Capacity Obligation in the FCA Substitution Auction |
| | COWC_ECO | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA primary clearing run |
| | COWC_ECO_RUN2 | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA 2 nd clearing run |
| | COWC_ECO_SA | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA Substitution Auction |
| | BALMRECO | Balance Net CSO for Multiyear Offer from prior Commitment Period(s) |
| | If obligation source is aRA or mRA , appropriate values for are: | |
| | Value | Description |
| | RA_SUPPLY_OFFER | Reconfiguration Auction CSO awarded to Supply Offer |
| | RA_DEMAND_BID | Reconfiguration Auction CSO shed via Demand Bid |
| | If obligation source is mIBT , appropriate values for are: | |
| | Value | Description |
| | CSO_BILAT_AQUIRE | CSO acquired through CSO Bilateral |
| | CSO_BILAT_TRANSFER | CSO transferred (shed) through CSO Bilateral |
| Auction ID | Auction ID | |

| SR_FCMSUPPLYCREDITSUM – Forward Capacity Market Supply Credit Summary Report – Rev 1 SR_FCMSUPPLYCREDITSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Contract ID | Contract ID |
| Internal Reference ID | Internal Reference ID |
| Capacity Supply Obligation | Capacity Supply Obligation |
| Payment Rate | The payment rate for the capacity supply obligation as determined through the source of the obligation. |
| Adjusted Payment Rate | The payment rate for the capacity supply obligation as adjusted by the Handy-Whitman Index of Public Utility Construction Costs (when applicable). For all obligation types other than MRECO, this shall equal the Payment Rate |
| Credit/Charge | Capacity Supply Obligation \times Adjusted Payment Rate |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| ART Payments | |
| ART ID | ART ID |
| Transaction Type | Appropriate values are: <ul style="list-style-type: none"> • ART Transfer • ART Acquire |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Zone ID | Identifier of the capacity zone where the ART is settled |
| Capacity Zone Name | Name of capacity zone where the ART is settled |
| Transaction Price | Transaction Price |
| Transaction Quantity | MW amount in the transaction, known as “Nominal MW” in FCTS |
| ART Payment | Transaction Price \times Transaction Quantity |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

| SR_FCMSUPPLYCREDITSUM Change Summary | Effective Date |
|---|----------------|
| Modified. No change in report structure. In the “Resource CSO Credits Charges” section, modified description of “Obligation Type”. | 06.01.2022 |
| New. | 06.01.2022 |

SR_FCMSUPPLYCREDITSUMSUB – Forward Capacity Market Supply Credit Summary Subaccount Report – Rev 1

SR_FCMSUPPLYCREDITSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| Subaccount Supply Monthly Credit | Subaccount Supply Monthly Credit |
| Subaccount ART Monthly Payment | Subaccount ART Monthly Payment |
| Capacity Resource | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import |
| Capacity Zone ID | Capacity Zone ID |
| Capacity Zone Name | Capacity Zone Name |
| External Interface Name | External Interface Name |
| Capacity Supply Obligation | FCA capacity supply obligation MW acquired by the resource. |
| FCA Payment | Credit or charge associated with the FCA Capacity Supply Obligation transactions |
| Net Capacity Supply Obligation Bilateral Credit or Charge | Net Capacity Supply Obligation Bilateral Credit or Charge |
| Net Reconfiguration Auction Credit or Charge | Net Reconfiguration Auction Credit or Charge |
| Supply Credit | FCA Payment + Net Capacity Supply Obligation Bilateral Credit or Charge + Net Reconfiguration Auction Credit or Charge |
| ART Payment | ART Payment |
| Resource CSO Credits Charges | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

SR_FCMSUPPLYCREDITSUMSUB – Forward Capacity Market Supply Credit Summary Subaccount Report – Rev 1

SR_FCMSUPPLYCREDITSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|-------|-------------|-----|---|----------|---|--------|---|------|--|----------|--|--------|--|---------|---|---------|--|--------------|---|------------|---|-------|---|------------|---|-----|--------------------------|--------|--|----------|---|
| Resource ID | Resource ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Resource Name | Resource Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Resource Type | Appropriate values are: <ul style="list-style-type: none"> • Generator • Demand • Import | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacity Zone ID | Capacity Zone ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacity Zone Name | Capacity Zone Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Interface Name | External Interface Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obligation Source | Appropriate values are: <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>FCA</td><td>Forward Capacity Auction</td></tr> <tr> <td>aRA</td><td>Annual Reconfiguration Auction</td></tr> <tr> <td>mRA</td><td>Monthly Reconfiguration Auction</td></tr> <tr> <td>mIBT</td><td>Monthly Bilateral Contract</td></tr> </table> | Value | Description | FCA | Forward Capacity Auction | aRA | Annual Reconfiguration Auction | mRA | Monthly Reconfiguration Auction | mIBT | Monthly Bilateral Contract | | | | | | | | | | | | | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FCA | Forward Capacity Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| aRA | Annual Reconfiguration Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| mRA | Monthly Reconfiguration Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| mIBT | Monthly Bilateral Contract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obligation Type | <p>If obligation source is FCA, appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>NCO</td><td>New Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>NCO_RUN2</td><td>New Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>NCO_SA</td><td>New Capacity Obligation in the FCA Substitution Auction</td></tr> <tr> <td>ECO</td><td>Existing Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>ECO_RUN2</td><td>Existing Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>ECO_SA</td><td>Existing Capacity Obligation in the FCA Substitution Auction</td></tr> <tr> <td>SSO_NCO</td><td>Self-Supplied New Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>SSO_ECO</td><td>Self-Supplied Existing Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>SSO_NCO_RUN2</td><td>Self-Supplied New Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>SSO_NCO_SA</td><td>Self-Supplied New Capacity Obligation in the FCA Substitution Auction</td></tr> <tr> <td>MRECO</td><td>Multiyear Rate Existing Capacity Obligation in the FCA primary clearing run</td></tr> <tr> <td>MRECO_RUN2</td><td>Multiyear Rate Existing Capacity Obligation in the FCA 2nd clearing run</td></tr> <tr> <td>RFR</td><td>Retained for Reliability</td></tr> <tr> <td>RFR_SP</td><td>Retained for Reliability Special Provision</td></tr> <tr> <td>COWC_NCO</td><td>Composite Offer Winter Contribution - New</td></tr> </table> | Value | Description | NCO | New Capacity Obligation in the FCA primary clearing run | NCO_RUN2 | New Capacity Obligation in the FCA 2 nd clearing run | NCO_SA | New Capacity Obligation in the FCA Substitution Auction | ECO | Existing Capacity Obligation in the FCA primary clearing run | ECO_RUN2 | Existing Capacity Obligation in the FCA 2 nd clearing run | ECO_SA | Existing Capacity Obligation in the FCA Substitution Auction | SSO_NCO | Self-Supplied New Capacity Obligation in the FCA primary clearing run | SSO_ECO | Self-Supplied Existing Capacity Obligation in the FCA primary clearing run | SSO_NCO_RUN2 | Self-Supplied New Capacity Obligation in the FCA 2 nd clearing run | SSO_NCO_SA | Self-Supplied New Capacity Obligation in the FCA Substitution Auction | MRECO | Multiyear Rate Existing Capacity Obligation in the FCA primary clearing run | MRECO_RUN2 | Multiyear Rate Existing Capacity Obligation in the FCA 2 nd clearing run | RFR | Retained for Reliability | RFR_SP | Retained for Reliability Special Provision | COWC_NCO | Composite Offer Winter Contribution - New |
| Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NCO | New Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NCO_RUN2 | New Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NCO_SA | New Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECO | Existing Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECO_RUN2 | Existing Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECO_SA | Existing Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SSO_NCO | Self-Supplied New Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SSO_ECO | Self-Supplied Existing Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SSO_NCO_RUN2 | Self-Supplied New Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SSO_NCO_SA | Self-Supplied New Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MRECO | Multiyear Rate Existing Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MRECO_RUN2 | Multiyear Rate Existing Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RFR | Retained for Reliability | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RFR_SP | Retained for Reliability Special Provision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COWC_NCO | Composite Offer Winter Contribution - New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SR_FCMSUPPLYCREDITSUMSUB – Forward Capacity Market Supply Credit Summary Subaccount Report – Rev 1

SR_FCMSUPPLYCREDITSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION | | | | | | | | | | | | |
|----------------------------|--|-------|-------------|-----------------|---|---------------|---|-------|-------------|------------------|------------------------------------|--------------------|--|
| | Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | |
| COWC_NCO_RUN2 | Composite Offer Winter Contribution - New Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | |
| COWC_NCO_SA | Composite Offer Winter Contribution - New Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | |
| COWC_ECO | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA primary clearing run | | | | | | | | | | | | |
| COWC_ECO_RUN2 | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA 2 nd clearing run | | | | | | | | | | | | |
| COWC_ECO_SA | Composite Offer Winter Contribution - Existing Capacity Obligation in the FCA Substitution Auction | | | | | | | | | | | | |
| BALMRECO | Balance Net CSO for Multiyear Offer from prior Commitment Period(s) | | | | | | | | | | | | |
| | <p>If obligation source is aRA or mRA, appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>RA_SUPPLY_OFFER</td><td>Reconfiguration Auction CSO awarded to Supply Offer</td></tr> <tr> <td>RA_DEMAND_BID</td><td>Reconfiguration Auction CSO shed via Demand Bid</td></tr> </table> <p>If obligation source is mIBT, appropriate values are:</p> <table> <tr> <th>Value</th><th>Description</th></tr> <tr> <td>CSO_BILAT_AQUIRE</td><td>CSO acquired through CSO Bilateral</td></tr> <tr> <td>CSO_BILAT_TRANSFER</td><td>CSO transferred (shed) through CSO Bilateral</td></tr> </table> | Value | Description | RA_SUPPLY_OFFER | Reconfiguration Auction CSO awarded to Supply Offer | RA_DEMAND_BID | Reconfiguration Auction CSO shed via Demand Bid | Value | Description | CSO_BILAT_AQUIRE | CSO acquired through CSO Bilateral | CSO_BILAT_TRANSFER | CSO transferred (shed) through CSO Bilateral |
| Value | Description | | | | | | | | | | | | |
| RA_SUPPLY_OFFER | Reconfiguration Auction CSO awarded to Supply Offer | | | | | | | | | | | | |
| RA_DEMAND_BID | Reconfiguration Auction CSO shed via Demand Bid | | | | | | | | | | | | |
| Value | Description | | | | | | | | | | | | |
| CSO_BILAT_AQUIRE | CSO acquired through CSO Bilateral | | | | | | | | | | | | |
| CSO_BILAT_TRANSFER | CSO transferred (shed) through CSO Bilateral | | | | | | | | | | | | |
| Auction ID | Auction ID | | | | | | | | | | | | |
| Contract ID | Contract ID | | | | | | | | | | | | |
| Internal Reference ID | Internal Reference ID | | | | | | | | | | | | |
| Capacity Supply Obligation | Capacity Supply Obligation | | | | | | | | | | | | |
| Payment Rate | The payment rate for the capacity supply obligation as determined through the source of the obligation. | | | | | | | | | | | | |
| Adjusted Payment Rate | The payment rate for the capacity supply obligation as adjusted by the Handy-Whitman Index of Public Utility Construction Costs (when applicable). For all obligation types other than MRECO, this shall equal the Payment Rate. | | | | | | | | | | | | |
| Credit/Charge | Capacity Supply Obligation \times Adjusted Payment Rate | | | | | | | | | | | | |
| ART Payments | | | | | | | | | | | | | |
| Subaccount ID | Subaccount ID | | | | | | | | | | | | |

SR_FCMSUPPLYCREDITSUMSUB – Forward Capacity Market Supply Credit Summary Subaccount Report – Rev 1

SR_FCMSUPPLYCREDITSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly, shortly after the start of the obligation month.

| REPORT COLUMN | DESCRIPTION |
|----------------------|---|
| Subaccount Name | Subaccount Name |
| ART ID | ART ID |
| Transaction Type | Appropriate values are: <ul style="list-style-type: none"> • ART Transfer • ART Acquire |
| Resource ID | Resource ID |
| Resource Name | Resource Name |
| Capacity Zone ID | Capacity Zone ID where the ART is settled. |
| Capacity Zone Name | Capacity Zone Name where the ART is settled. |
| Transaction Price | Transaction Price |
| Transaction Quantity | The MW amount in the transaction, known as “Nominal MW” in FCTS. |
| ART Payment | Transaction Price \times Transaction Quantity |

| SR_FCMSUPPLYCREDITSUMSUB Change Summary | Effective Date |
|---|----------------|
| Modified. No change in report structure. In the “Resource CSO Credits Charges” section, modified description of “Obligation Type”. | 06.01.2022 |
| New. | 06.01.2022 |

SR_INVENERGYSUMMARY - Inventoried Energy Settlement Summary Report – Rev 0

SR_INVENERGYSUMMARY_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Pool | |
| Pool Base IEP Credit | Pool Base IEP Credit |
| Pool Spot IEP Credit | Pool Spot IEP Credit |
| Pool RT Load Obligation for Inventoried Energy Allocation | Pool RT Load Obligation for Inventoried Energy Allocation |
| Pool Base IEP Charge | Pool Base IEP Charge |
| Pool Spot IEP Charge | Pool Spot IEP Charge |
| Customer | |
| Base IEP Credit | Base IEP Credit |
| Spot IEP Credit | Spot IEP Credit |
| RT Load Obligation for Charge Allocation | Daily sum of the participant's hourly Real-Time Load Obligation excluding contributions from Coordinated External Transactions. |
| Energy Quantity | Daily sum of the participant's hourly Energy Quantity from Energy Storage Devices |
| RT Load Obligation for Inventoried Energy Allocation | RT Load Obligation for Charge Allocation – Energy Quantity |
| Base IEP Charge | Pool Base IEP Charge \times RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Spot IEP Charge | Pool Spot IEP Charge \times RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Net Inventoried Energy Charge/Credit | Base IEP Credit + Spot IEP Credit + Base IEP Charge + Spot IEP Charge |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Base IEP Credit | Base IEP Credit |
| Spot IEP Credit | Spot IEP Credit |
| RT Load Obligation for Charge Allocation | Daily sum of the subaccount's hourly Real-Time Load Obligation within the Reliability Region excluding contributions from Coordinated External Transactions |
| Energy Quantity | Daily sum of the participant's hourly Energy Quantity from Energy Storage Devices |
| RT Load Obligation for Inventoried Energy Allocation | RT Load Obligation for Charge Allocation – Energy Quantity |

SR_INVENERGYSUMMARY - Inventoried Energy Settlement Summary Report – Rev 0

SR_INVENERGYSUMMARY_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|---|
| Base IEP Charge | Pool Base IEP Charge x RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Spot IEP Charge | Pool Spot IEP Charge x RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Net Inventoried Energy Charge/Credit | Base IEP Credit + Spot IEP Credit + Base IEP Charge + Spot IEP Charge |

| SR_INVENERGYSUMMARY Change Summary | Effective Date |
|------------------------------------|----------------|
| New. | 12.01.2023 |

| SR_INVENERGYSUMMARYSUB - Inventoried Energy Settlement Subaccount Summary Report – Rev 0 SR_INVENERGYSUMMARYSUB_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Base IEP Credit | Base IEP Credit |
| Spot IEP Credit | Spot IEP Credit |
| RT Load Obligation for Charge Allocation | Daily sum of the subaccount's hourly Real-Time Load Obligations excluding contributions from Coordinated External Transactions. |
| Energy Quantity | Daily sum of the subaccount's hourly Energy Quantity from energy storage devices |
| RT Load Obligation for Inventoried Energy Allocation | RT Load Obligation for Charge Allocation – Energy Quantity |
| Base IEP Charge | Pool Base IEP Charge \times RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Spot IEP Charge | Pool Spot IEP Charge \times RT Load Obligation for Inventoried Energy Allocation / Pool RT Load Obligation for Inventoried Energy Allocation |
| Net Inventoried Energy Charge/Credit | Base IEP Credit + Spot IEP Credit + Base IEP Charge + Spot IEP Charge |
| Pool Base IEP Charge | Pool Base IEP Charge |
| Pool Spot IEP Charge | Pool Spot IEP Charge |
| Pool RT Load Obligation for Inventoried Energy Allocation | Sum of the RT Load Obligation for Inventoried Energy Allocation for all participants |

| SR_INVENERGYSUMMARYSUB Change Summary | Effective Date |
|---------------------------------------|----------------|
| New. | 12.1.2023 |

SR_LFRARESULT – Forward Reserve Auction Clearing Customer Report – Rev 0

SR_LFRARESULT_<customer id>_<auction period_begin_date>_<version>.CSV

<Customer Name>

Date: <MM/DD/YYYY> and Version: <MM/DD/YYYY HH:MI:SS> GMT

Availability: Post-auction settlement to Participants with generation ownership who bid in the auction.

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|--|
| Zonal Supply | |
| Auction Name | Identifier for the auction. |
| Service Period Begin Date | The start date for the period during which delivery of Forward Reserve is made. Typically this date coincides with Seasonal Capability Period begin date. |
| Service Period End Date | The end date for the period during which delivery of Forward Reserve is made. Typically this date coincides with Seasonal Capability Period end date. |
| Reserve Zone ID | Numerical identifier for the each reserve zone. |
| Reserve Zone Name | Identifier for each reserve zone. |
| Reserve Product | Reserve product reported here is TMNSR or TMOR. |
| Reserve Supply Offered | TMNSR or TMOR total supply offered in MW for the specific reserve zone. |
| Reserve Supply Cleared | TMNSR or TMOR total supply cleared in MW for the specific reserve zone. |
| Forward Reserve Clearing Price | Clearing price for reserve product in the specific reserve zone (10-Minute Auction Clearing Price / Delivery Hours in the month). |
| Zonal Requirement | |
| Auction Name | Identifier for the auction. |
| Service Period Begin Date | The start date for the period during which delivery of Forward Reserve is made. This date coincides with Seasonal Capability Period begin date. |
| Service Period End Date | The end date for the period during which delivery of Forward Reserve is made. This date coincides with Seasonal Capability Period end date. |
| Reserve Zone ID | Numerical identifier for the each reserve zone. |
| Reserve Zone Name | Identifier for each reserve zone. |
| Reserve Product | Reserve product reported here is TMNSR or combined reserve of TMNSR + TMOR. |
| Local Supply Constraint Flag (Y/N) | An additional reserve requirement in the Rest of System that can be met by local suppliers only. This flag will no longer be reported for auctions for service period on or after June 1, 2011 due to the elimination of minimum reserve requirement for Rest of System. |
| Reserve Requirement Target | Auction reserve requirement in MW for each reserve zone. |
| Reserve Requirement Cleared | Cleared reserves in MW for each reserve zone. |
| Customer | |
| Reserve Zone ID | Numerical identifier for the each reserve zone. |
| Reserve Zone Name | Identifier for each reserve zone. |
| TMNSR Total Offered | Total Ten Minute Non Spinning Reserve (TMNSR) offered MW by specific Customer for each reserve zone. |
| TMNSR Cleared | Total Ten Minute Non Spinning Reserve (TMNSR) cleared MW for specific Customer in each reserve zone. |
| TMOR Total Offered | Total Thirty Minute Operating Reserve (TMOR) offered MW by specific Customer for each reserve zone. |
| TMOR Cleared | Total Thirty Minute Operating Reserve (TMOR) cleared MW for specific Customer in each reserve zone. |
| Total Cleared | Total TMNSR and TMOR cleared MW for specific customer in each reserve zone. |
| Proxy Price | |
| Auction Name | Identifier for the auction. |

SR_LFRARESULT – Forward Reserve Auction Clearing Customer Report – Rev 0

SR_LFRARESULT_<customer id>_<auction period_begin_date>_<version>.CSV

<Customer Name>

Date: <MM/DD/YYYY> and Version: <MM/DD/YYYY HH:MI:SS> GMT

Availability: Post-auction settlement to Participants with generation ownership who bid in the auction.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Service Period Begin Date | The start date for the period during which delivery of Forward Reserve is made. Typically this date coincides with Seasonal Capability Period begin date. |
| Service Period End Date | The end date for the period during which delivery of Forward Reserve is made. Typically this date coincides with Seasonal Capability Period end date. |
| Reserve Product | Reserve product reported here is TMNSR or TMOR. |
| Forward Reserve Proxy Price | System proxy clearing price used for cost allocation in the Forward Reserve settlement starting from June 1, 2011. |

| SR_LFRARESULT Change Summary | Effective Date |
|---|----------------|
| Modified. New section entitled "Proxy Price". The first version of this report is expected to be distributed late August 2011 for Winter 2011 LFR Auction. | 06.01.2011 |
| Modified. No change to report structure, only data change. The Local Supply Constraint Flag will no longer be reported. | 06.01.2011 |

SR_REGASM – Regulation Market Report – *RETIRED*

SR_REGASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is issued as part of the Regulation Market settlement. It represents customer obligation information, regulation contracts and also shows the customer's credits, charges and net settlement per trading interval. This report includes credits and charges for generating resources and also for non-generating resources that are participating in the Alternative Technology Regulation (ATR) Pilot Program. One report is generated per customer per GMT day.

| REPORT COLUMN | DESCRIPTION |
|--------------------------------------|--|
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | The Customer total of all Real Time Load Obligations for all Locations for the specified Trading Interval. |
| Regulation Obligation | Participant Load Ratio share multiplied by the total Pool Regulation MWH provided. |
| Internal Bilateral Sales | This column will contain zero values for settlements after December 31, 2012. |
| Internal Bilateral Purchases | This column will contain zero values for settlements after December 31, 2012. |
| Adjusted Regulation Obligation | Adjusted Regulation Obligation is equal to Regulation Obligation. |
| Pool Scheduled Regulation MW | Delivered Regulation MWH multiplied by Ownership Share, if Self Scheduled Minutes is zero. |
| Self Scheduled Regulation MW | Delivered Regulation MWH multiplied by Ownership Share, if self scheduled minute is greater than zero and Must Regulate equals zero. It is otherwise set to zero. |
| Net Regulation Purchase | Regulation Obligation plus Self-Scheduled Regulation MW (zero, if it is positive). |
| Regulation Service Credit | Customer's portion of the Regulation Service Credit based on the ownership share of resources providing regulation. |
| Time On Regulation Credit | Customer's portion of Time On Regulation Credit based on the ownership share of resources providing regulation. |
| Regulation Opportunity Cost | Cost of providing regulation during all or a portion of an hour by a pool scheduled generator. |
| Regulation Charge | Regulation Charges represent the hourly pro-rata share of the sum of Pool Regulation Service Credits and Pool Time On Regulation Credits. Note that Regulation Opportunity Cost has a separate allocation. |
| Regulation Opportunity Cost Charge | This column will contain zero values for settlements after June 30, 2013. |
| Net Regulation Settlement | Sum of the total Regulation Credits and the Regulation Charges. |
| Total Pool Regulation MWHs Provided | Sum of participant's self scheduled MWH and the pool scheduled MWH. |
| Pool RT Load Obligation | Sum of all customers RT Load Obligation per trading interval. |
| Pool Net Regulation Purchase | Sum of all customers Net Regulation Purchases. |
| Clearing Price | Cleared dollar amount associated with the intersection of Supply and Demand. |
| Regulation Capacity to Service Ratio | Targeted capacity reservation payment to service payment ratio. |
| Pool Regulation Service Credit | Sum of all resources' Regulation Service Credits per trading interval. |
| Pool Time On Regulation Credit | Sum of all resources' Time On Regulation Credits per trading interval. |
| Pool Regulation Opportunity Cost | Sum of all customers' Regulation Opportunity Cost per trading interval. |

SR_REGASM – Regulation Market Report – *RETIRED*

SR_REGASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is issued as part of the Regulation Market settlement. It represents customer obligation information, regulation contracts and also shows the customer's credits, charges and net settlement per trading interval. This report includes credits and charges for generating resources and also for non-generating resources that are participating in the Alternative Technology Regulation (ATR) Pilot Program. One report is generated per customer per GMT day.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Pool Regulation Make Whole Cost | Sum of all customers' Regulation Make Whole Cost per trading interval. |
| Regulation Make Whole Cost | Customer sum of their entire unit specific Regulation Make Whole Cost based on their ownership share of each unit. |
| Regulation Make Whole Cost Charge | Hourly pro rata share of the Pool Regulation Make Whole Cost and the Net Regulation Purchase. |

| SR_REGASM Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day March 30, 2015. | 03.31.2015 |
| Modified. "Regulation Opportunity Cost Charge" will contain zero values for settlements after June 30, 2013. New columns: "Pool Regulation Make Whole Cost", "Regulation Make Whole Cost", and "Regulation Make Whole Cost Charge". | 07.01.2013 |
| Modified. Internal Bilateral Transactions will contain zero values for settlements after December 31, 2012. | 01.01.2013 |
| Existing. | 10.01.2005 |

SR_REGSUM – Regulation Market Report – *RETIRED*

SR_REGSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Participant Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | This column will be reported as NULL. |
| Regulation Obligation | Customer's pro-rata share of RT Load Obligation for Charge Allocation multiplied by the Pool Regulation MWh. |
| Regulation MWh | Customer's share of the Pool Regulation MWh, based on the ownership share of resource(s) providing regulation. |
| Regulation Service Credit | Customer's share of the Pool Regulation Service Credit, based on the ownership share of resource(s) providing regulation. |
| Regulation Capacity Credit | Customer's share of the Pool Regulation Capacity Credit, based on the ownership share of resource(s) providing regulation. |
| Regulation Make Whole Cost Payment | Customer's share of the Pool Regulation Make Whole Cost Payment, based on ownership share of resource(s) providing regulation. |
| Regulation Charge | Customer's share of the sum of Pool Regulation Service Credits and Pool Regulation Capacity Credits. It is the product of hourly pro-rata share of Regulation Obligation and sum of Pool Regulation Service Credit and Pool Regulation Capacity Credit. |
| Regulation Make Whole Cost Charge | Customer's share of the total Regulation Make Whole Cost payment. It is the product of the hourly pro-rata share of Regulation Obligation and Pool Regulation Make Whole Cost Payment. |
| Net Regulation Settlement | Sum of total regulation credits (Regulation Service Credit, Regulation Capacity Credit, Regulation Make Whole Cost Payment and Regulation Up Reserve Charge Credit) and total regulation charges (Regulation Charge, Regulation Make Whole Cost Charge and Regulation Up Reserve Charge). |
| Pool Regulation MWh | Sum of all customers' Regulation MWh per Trading Interval. |
| Pool RT Load Obligation | This column will be reported as NULL. |
| Pool Regulation Service Credit | Sum of all customers' Regulation Service Credit per Trading Interval. |
| Pool Regulation Capacity Credit | Sum of all customers' Regulation Capacity Credit per Trading Interval. |
| Pool Regulation Make Whole Cost Payment | Sum of all customers' Regulation Make Whole Cost Payment per Trading Interval. |
| Regulation Service Clearing Price | Regulation Service Clearing Price for the Trading Interval. |
| Regulation Capacity Clearing Price | Regulation Capacity Clearing Price for the Trading Interval. |
| RT Load Obligation for Charge Allocation | The customer's total Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for Charge Allocation | The Pool total of all Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |

| SR_REGSUM – Regulation Market Report – <i>RETIRED</i> SR_REGSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Regulation Up Reserve Charge | Customer's share of the Regulation Up Reserve Charge, based on the ownership share of resource(s) providing regulation. |
| Pool Regulation Up Reserve Charge | Sum of all customers' Regulation Up Reserve Charge per Trading Interval. |
| Regulation Up Reserve Charge Credit | Customer's share of the Pool Regulation Up Reserve Charge Credit. It is the product of hourly pro-rata share of Regulation Obligation and Pool Regulation Up Reserve Charge. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| RT Load Obligation | This column will be reported as NULL. |
| Regulation Obligation | Subaccount pro-rata share of RT Load Obligation for Charge Allocation multiplied by the Pool Regulation MWh. |
| Regulation MWh | Subaccount share of the Pool Regulation MWh. |
| Regulation Service Credit | Subaccount share of Regulation Service Credit. |
| Regulation Capacity Credit | Subaccount share of Regulation Capacity Credit. |
| Regulation Make Whole Cost Payment | Subaccount share of Regulation Make Whole Cost Payment. |
| Regulation Charge | Pool Regulation Service Credit and Pool Regulation Capacity Credit allocated to subaccount based on its pro-rata share of Regulation Obligation. |
| Regulation Make Whole Cost Charge | Pool Regulation Make Whole Cost Payment allocated to subaccount based on its pro-rata share of Regulation Obligation. |
| Net Regulation Settlement | Subaccount sum of the total regulation credits (Regulation Service Credit, Regulation Capacity Credit, Regulation Make Whole Cost Payment and Regulation Up Reserve Charge Credit) and total regulation charges (Regulation Charge, Regulation Make Whole Cost Charge and Regulation Up Reserve Charge). |
| RT Load Obligation for Charge Allocation | Subaccount share of the Real Time Load Obligation for Charge Allocation for all locations for the specified Trading Interval. |
| Regulation Up Reserve Charge | Subaccount share of the Regulation Up Reserve Charge. |
| Regulation Up Reserve Charge Credit | Subaccount share of the Regulation Up Reserve Charge Credit. |

| SR_REGSUM Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day November 30, 2017. | 12.01.2017 |
| Modified. In both sections: removed outdated effective dating references from column descriptions. In "Participant Section": modified description "Net Regulation Settlement"; | 03.01.2017 |

| SR_REGSUM Change Summary | Effective Date |
|--|------------------|
| added columns "Regulation Up Reserve Charge", "Pool Regulation Up Reserve Charge", and "Regulation Up Reserve Charge Credit". In "Subaccount Section": modified descriptions "Subaccount Name" and "Net Regulation Settlement"; added columns "Regulation Up Reserve Charge" and "Regulation Up Reserve Charge Credit". | |
| Modified. In "Participant Section": retired columns "RT Load Obligation" and "Pool RT Load Obligation"; modified description "Regulation Obligation"; added columns, "RT Load Obligation for Charge Allocation" and "Pool RT Load Obligation for Charge Allocation". In "Subaccount Section": retired column "RT Load Obligation"; modified description "Regulation Obligation"; added column, "RT Load Obligation for Charge Allocation". | 12.15.2015 |
| Modified. In the Participant Section, the "Net Regulation Purchase" and "Pool Net Regulation Purchase" columns were removed; the descriptions of "Regulation Make Whole Cost Charge" and "Net Regulation Settlement" were revised. In the Subaccount Section, the "Net Regulation Purchase" column was removed; the descriptions of "Regulation Charge", "Regulation Make Whole Cost Charge", and "Net Regulation Settlement" were revised. | 03.31.2015 |
| New. The Rev 0 version was never released. | To be determined |

| SR_REGSUMMARY – Regulation Market Report – Rev 1 SR_REGSUMMARY_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Participant Section | |
| Trading Interval | Specific hour for which information is reported. Numeric from 1-24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Regulation Service Credit | The total of customer's Regulation Service Credit, based on the ownership share of resource(s) providing Regulation. |
| Regulation Capacity Credit | The total of customer's Regulation Capacity Credit, based on the ownership share of resource(s) providing Regulation. |
| Regulation Make Whole Cost Payment | The total of customer's Regulation Make Whole Cost Payment, based on the ownership share of resource(s) providing Regulation. |
| RT Load Obligation for Charge Allocation | The customer's total Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for Charge Allocation | The sum of all customers' total Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Load Ratio Share | The customer's RT Load Obligation for Charge Allocation less RT Load Obligation for DARDs, divided by (Pool RT Load Obligation for Charge Allocation less Pool RT Load Obligation for DARDs). |
| Regulation Charge | The customer's allocation of the sum of Pool Regulation Service Credit, Pool Regulation Capacity Credit and Pool Regulation Make Whole Cost Payment, based on its Load Ratio Share. |
| Regulation Up Reserve Charge | The total of customer's Regulation Up Reserve Charge, based on the ownership share of resource(s) providing Regulation. |
| Regulation Up Reserve Charge Credit | Pool Regulation Up Reserve Charge allocated to the customer based on its Load Ratio Share. |
| Net Regulation Settlement | Sum of total Regulation credits (Regulation Service Credit, Regulation Capacity Credit, Regulation Make Whole Cost Payment and Regulation Up Reserve Charge Credit) and total Regulation charges (Regulation Charge and Regulation Up Reserve Charge). |
| Pool Regulation Service Credit | Sum of all customers' Regulation Service Credit per Trading Interval. |
| Pool Regulation Capacity Credit | Sum of all customers' Regulation Capacity Credit per Trading Interval. |
| Pool Regulation Make Whole Cost Payment | Sum of all customers' Regulation Make Whole Cost Payment per Trading Interval. |
| Pool Regulation Up Reserve Charge | Sum of all customers' Regulation Up Reserve Charge per Trading Interval. |
| RT Load Obligation for DARDs | The customer's total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for DARDs | The sum of all customers' total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |

SR_REGSUMMARY – Regulation Market Report – Rev 1

SR_REGSUMMARY_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Trading Interval | Specific hour for which information is reported. Numeric from 1-24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount Regulation Service Credit | The subaccount share of customer's Regulation Service Credit, based on the ownership share of resource(s) providing Regulation. |
| Subaccount Regulation Capacity Credit | The subaccount share of customer's Regulation Capacity Credit, based on the ownership share of resource(s) providing Regulation. |
| Subaccount Regulation Make Whole Cost Payment | The subaccount share of customer's Regulation Make Whole Cost Payment, based on the ownership share of resource(s) providing Regulation. |
| Subaccount RT Load Obligation for Charge Allocation | The subaccount share of customer's Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for Charge Allocation | The sum of all customers' total Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Subaccount Load Ratio Share | The customer's Subaccount RT Load Obligation for Charge Allocation less Subaccount RT Load Obligation for DARDs, divided by (Pool RT Load Obligation for Charge Allocation less Pool RT Load Obligation for DARDs). |
| Subaccount Regulation Charge | The customer's allocation of the sum of Pool Regulation Service Credit, Pool Regulation Capacity Credit and Pool Regulation Make Whole Cost Payment, based on its Subaccount Load Ratio Share. |
| Subaccount Regulation Up Reserve Charge | The subaccount share of customer's Regulation Up Reserve Charge, based on the ownership share of resource(s) providing Regulation. |
| Subaccount Regulation Up Reserve Charge Credit | Pool Regulation Up Reserve Charge allocated to the customer based on its Subaccount Load Ratio Share. |
| Subaccount Net Regulation Settlement | Subaccount sum of total Regulation credits (Regulation Service Credit, Regulation Capacity Credit, Regulation Make Whole Cost Payment and Regulation Up Reserve Charge Credit) and total Regulation charges (Regulation Charge and Regulation Up Reserve Charge). |
| Pool Regulation Service Credit | Sum of all customers' Regulation Service Credit per Trading Interval. |
| Pool Regulation Capacity Credit | Sum of all customers' Regulation Capacity Credit per Trading Interval. |
| Pool Regulation Make Whole Cost Payment | Sum of all customers' Regulation Make Whole Cost Payment per Trading Interval. |
| Pool Regulation Up Reserve Charge | Sum of all customers' Regulation Up Reserve Charge per Trading Interval. |
| Subaccount RT Load Obligation for DARDs | The subaccount share of customer's total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for DARDs | The sum of all customers' total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |

| SR_REGSUMMARY Change Summary | Effective Date |
|---|----------------|
| Modified. In "Participant Section", added new columns "RT Load Obligation for DARDs" and "Pool RT Load Obligation for DARDs"; modified description of "Load Ratio Share", "Regulation Charge" and "Regulation Up Reserve Charge Credit". In "Subaccount Section" added new columns "Subaccount RT Load Obligation for DARDs" and "Pool RT Load | 04/01/2019 |

| SR_REGSUMMARY Change Summary | Effective Date |
|--|----------------|
| Obligation for DARDs”; modified description of “Subaccount Load Ratio Share”, “Subaccount Regulation Charge” and “Subaccount Regulation Up Reserve Charge Credit”. | |
| New. | 12.01.2017 |

SR_REGSUMMARYSUB – Regulation Market Subaccount Report – Rev 0

SR_REGSUMMARYSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the asset. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which information is reported. Numeric from 1-24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Subaccount Regulation Service Credit | The subaccount share of customer's Regulation Service Credit, based on the ownership share of resource(s) providing Regulation. |
| Subaccount Regulation Capacity Credit | The subaccount share of customer's Regulation Capacity Credit, based on the ownership share of resource(s) providing Regulation. |
| Subaccount Regulation Make Whole Cost Payment | The subaccount share of customer's Regulation Make Whole Cost Payment, based on the ownership share of resource(s) providing Regulation. |
| Subaccount RT Load Obligation for Charge Allocation | The subaccount share of customer's Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for Charge Allocation | The sum of all customers' total Real-Time Load Obligation excluding obligation from Coordinated External Transactions, for all locations for the specified Trading Interval. |
| Pool Regulation Service Credit | Sum of all customers' Regulation Service Credit per Trading Interval. |
| Pool Regulation Capacity Credit | Sum of all customers' Regulation Capacity Credit per Trading Interval. |
| Pool Regulation Make Whole Cost Payment | Sum of all customers' Regulation Make Whole Cost Payment per Trading Interval. |
| Subaccount RT Load Obligation for DARDs | The subaccount share of customer's total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |
| Pool RT Load Obligation for DARDs | The sum of all customers' total Real-Time Load Obligation from regulating Energy Storage Devices, for all locations for the specified Trading Interval. |
| Subaccount Load Ratio Share | The customer's Subaccount RT Load Obligation for Charge Allocation less Subaccount RT Load Obligation for DARDs, divided by (Pool RT Load Obligation for Charge Allocation less Pool RT Load Obligation for DARDs). |
| Subaccount Regulation Charge | The customer's subaccount allocation of the sum of Pool Regulation Service Credit, Pool Regulation Capacity Credit and Pool Regulation Make Whole Cost Payment, based on its Subaccount Load Ratio Share. |
| Subaccount Regulation Up Reserve Charge | The subaccount share of customer's Regulation Up Reserve Charge, based on the ownership share of resource(s) providing Regulation. |
| Pool Regulation Up Reserve Charge | Sum of all customers' Regulation Up Reserve Charge per Trading Interval. |

SR_REGSUMMARYSUB – Regulation Market Subaccount Report – Rev 0

SR_REGSUMMARYSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Subaccount Regulation Up Reserve Charge Credit | Pool Regulation Up Reserve Charge allocated to the subaccount based on the subaccount pro-rata share of Pool Real-Time Load Obligation for Charge Allocation. |
| Subaccount Net Regulation Settlement | Subaccount sum of total Regulation credits (Regulation Service Credit, Regulation Capacity Credit, Regulation Make Whole Cost Payment and Regulation Up Reserve Charge Credit) and total Regulation charges (Regulation Charge and Regulation Up Reserve Charge). |

| SR_REGSUMMARYSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 01.01.2021 |

| SR_RMRREGION – Reliability Must Run Agree – Rev 0 SR_RMRREGION_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-monthly market settlement. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CUSTOMER SUMMARY | |
| Date | Specific date for which the information is reported. mm/dd/yyyy. |
| Customer RMR Charges | Total of all charges for the month indicated. |
| Customer RMR Payments | Total of all payments for the month indicated. |
| Net Settlement | Combined total of all payments and charges for the month. |
| PAYMENT DETAILS | |
| Date | Specific date for which the information is reported. mm/dd/yyyy. |
| Reliability Region | Reliability Region identification number. |
| Customer RMR Payments | The dollar amount paid. |
| CHARGE DETAILS | |
| Date | Specific date for which the information is reported. mm/dd/yyyy. |
| Reliability Region | Reliability Region identification number. |
| Duns # | Customer Duns Number. |
| Total Reliability Region RMR Payments | Total of all payments for the Reliability Region for the date indicated |
| Customer Reliability Region Network Load | Customer Network load by Reliability Region having RMR payments. |
| Reliability Region Network Load | Total Network load of the Reliability Region receiving RMR payments. |
| Customer RMR Charges | The dollar amount charged. |

| | |
|------------------------------------|-----------------------|
| SR_RMRREGION Change Summary | Effective Date |
| Exiting. | 07.01.2003 |

SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED

SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Forward Reserve Market - Pool Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Forward Reserve Market TMNSR Proxy Price | The TMNSR clearing price of a simulated Forward Reserve Auction without local reserve requirements. Forward Reserve Market Proxy Prices will be calculated simultaneously with Forward Reserve Clearing Prices. The Forward Reserve Market Proxy Price is calculated simultaneously with Forward Reserve Clearing Price. |
| Forward Reserve Market TMOR Proxy Price | The TMOR clearing price of a simulated Forward Reserve Auction without local reserve requirements. Forward Reserve Market Proxy Prices will be calculated simultaneously with Forward Reserve Clearing Prices. The Forward Reserve Market Proxy Price is calculated simultaneously with Forward Reserve Clearing Price. |
| Rest-of-Pool Capacity Price | This column will be reported as NULL. |
| Net Forward Reserve Market TMNSR Proxy Price | The Forward Reserve TMNSR Market Proxy Price. |
| Net Forward Reserve Market TMOR Proxy Price | The Forward Reserve TMOR Market Proxy Price. |
| Pool TMNSR Requirement | The Forward Reserve Auction TMNSR system requirement. |
| Pool TMOR Requirement | The Forward Reserve Auction TMOR system requirement. |
| Pool Forward Reserve Market Credit | The sum of all Participants Forward Reserve Credit amounts. |
| Pool Forward Reserve Market Proxy Credit | The sum of the Pool TMNSR Requirement * Net Forward Reserve Market TMNSR Proxy Price and the Pool TMOR Requirement * Net Forward Reserve Market TMOR Proxy Price. |
| Pool Forward Reserve Market System Credit | The lesser of the Pool Forward Reserve Market Credit and Pool Forward Reserve Market Proxy Credit. |
| Pool Forward Reserve Market Remaining Credit | The Pool Forward Reserve Market Credit reduced by the Pool Forward Reserve Market System Credit. |
| Pool Forward Reserve Market Penalty | The sum of all Participants Forward Reserve Penalty amounts. |
| Pool Forward Reserve Market System Penalty | The sum of all Participants Forward Reserve Penalty in Load Zones where Forward Reserve Market Constrained Load Zone Flag is not “Y” plus the product of the sum of all Participants Forward Reserve Penalty in Load Zones where Forward Reserve Market Constrained Load Zone Flag is “Y” and the ratio of the Pool Forward Reserve Market System Credit to the Pool Forward Reserve Market Credit. |
| Pool Forward Reserve Market Remaining Penalty | The Pool Forward Reserve Market Penalty reduced by the Pool Forward Reserve Market System Penalty. |
| Pool Forward Reserve Market System Charge | The sum of the Pool Forward Reserve Market System Credit and the Pool Forward Reserve Market Penalty. |
| Total Pool Reserve Charge Allocation MWs | The sum of the Total Load Zone Reserve Charge Allocation MWs. |
| Forward Reserve System Charge Rate | The Pool Forward Reserve Market System Charge divided by the Total Pool Reserve Charge Allocation MWs. |
| Pool Forward Reserve Market Incremental Charge | The sum of Load Zone Forward Reserve Incremental Charge. |

| SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Reserve Market – Reserve Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type – Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Forward Reserve Market Clearing Price | The Clearing Price resulting from the clearing of the Forward Reserve Auction divided by number of Forward Reserve delivery hours in the month. |
| Capacity Price | This column will be reported as NULL. |
| Net Forward Reserve Market Clearing Price | The Forward Reserve Market Clearing Price. |
| Final Forward Reserve Obligation MW | The Forward Reserve Obligation resulting from the clearing of the Forward Reserve Auction, adjusted for Internal Bilateral Contract purchases and sales. |
| Reserve Zone Forward Reserve Market Credit | The sum of all Participants Forward Reserve Credit amounts in each Reserve Zone. |
| Reserve Zone Forward Reserve Market Penalty | The sum of all Participants Forward Reserve Penalty amounts in each Reserve Zone. |
| Real-Time Reserve Market Clearing Price | This column will be reported as NULL. |
| Real-Time Reserve Designation MW | This column will be reported as NULL. |
| Reserve Market – Load Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Load Zone Real-Time Load Obligation | The Load Zone total of all Real Time Load Obligations for the specified Trading Interval. |
| Load Zone Reserve Designation – ARDs | The Load Zone total Real-Time Reserve MWs designated to Dispatchable Asset Related Demand resources. |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The sum of all Participants' External Sale Load Obligation MW (CETICZ or FCA Cleared Export) in the Load Zone. |
| Total Load Zone Reserve Charge Allocation MWs | The Load Zone Real-Time Load Obligation adjusted for the Load Zone Reserve Designation – ARDs, plus External Sale Load Obligation MW. |

SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED

SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Forward Reserve Market Constrained Load Zone Flag | The Forward Reserve Market Constrained Load Zone Flag is “Y” when the following applies: <ul style="list-style-type: none"> The Load Zone is not part of the Rest-of-System Reserve Zone The Forward Reserve Market Monthly TMNSR Clearing Price exceeds the Rest-of-System Forward Reserve Market Monthly TMNSR Clearing Price AND/OR the Forward Reserve Market Monthly TMOR Clearing Price exceeds the Rest-of-System Forward Reserve Market Monthly TMOR Clearing Price |
| Load Zone Forward Reserve Market Remaining Credit | If the Forward Reserve Market Constrained Load Zone Flag is “Y”, the pro-rata share of the Pool Forward Reserve Market Remaining Credit based on the sum of all Participants Forward Reserve Credit amounts in all Load Zones where the Forward Reserve Market Constrained Load Zone Flag is “Y”. |
| Load Zone Forward Reserve Market Remaining Penalty | If the Forward Reserve Market Constrained Load Zone Flag is “Y”, the product of the sum of all Participants Forward Reserve Penalty amounts in Load Zones where the Forward Reserve Market Constrained Load Zone Flag is “Y” and remaining penalty factor. The remaining penalty factor is 1.0 minus the ratio of Pool Forward Reserve Market System Credit and the Pool Forward Reserve Market Credit. |
| Load Zone Forward Reserve System Charge | The sum of all Participants’ Forward Reserve System Charge amount in the Load Zone. |
| Load Zone Forward Reserve Incremental Charge | The sum of all Participants’ Forward Reserve Incremental Charge amount in the Load Zone. |
| Load Zone Forward Reserve Incremental Charge Rate | The Load Zone Forward Reserve Incremental Charge divided by the Total Load Zone Reserve Charge Allocation MWs. |
| Total Load Zone Forward Reserve Charge | The sum of the Load Zone Forward Reserve System Charge and the Load Zone Forward Reserve Incremental Charge. |
| Total Load Zone Real-Time Reserve Charge | The Total Load Zone Reserve Charge Allocation MWs, multiplied by the Load Zone Real-Time Reserve Charge Rate. |
| RT Reserve – Load Zone Details Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Total Load Zone Reserve Charge Allocation MWs | The Load Zone total Reserve Charge Allocation MWs. |
| Load Zone Real-Time Reserve Market Clearing Price | Where a Load Zone contains one Reserve Zone, the Reserve Zone Real-Time Reserve Clearing Price. Where a Load Zone contains multiple Reserve Zones, the Real-Time Reserve Designation MW weighted average of the Reserve Zone Real-Time Reserve Clearing Prices in the Load Zone. |

| SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Real-Time Reserve Price Ratio | The Load Zone Real-Time Reserve Market Clearing Price divided by the Reference Load Zone Real-Time Reserve Market Clearing Price. The Reference Load Zone is the Load Zone with the minimum, non-zero Market Clearing Price. |
| Real-Time Reserve Price Weighted Load Obligation | The Total Load Zone Reserve Charge Allocation MWs, multiplied by the Real-Time Reserve Price Ratio. |
| Pool Real-Time Reserve Price Weighted Load Obligation | The sum of the Real-Time Reserve Price Weighted Load Obligation in all Load Zones. |
| Load Zone Real-Time Reserve Charge Rate | The Net Real-Time Reserve Credit multiplied by –1, divided by the Pool Real-Time Reserve Price Weighted Load Obligation, and multiplied by the Real-Time Reserve Price Ratio. |
| Load Zone Real-Time Reserve Charge | The Total Load Zone Reserve Charge Allocation MWs, multiplied by the Load Zone Real-Time Reserve Charge Rate. |
| Participant Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Participant Real-Time Load Obligation | The Participant Real-Time Load Obligation for the specified Trading Interval. |
| Reserve Designation – ARDs | The Participant total Real-Time Reserve MWs designated to Dispatchable Asset Related Demand resources. |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real Time. |
| Reserve Charge Allocation MWs | The Participant Real-Time Load Obligation adjusted for the Reserve Designation – ARDs, plus External Sale Load Obligation MW. |
| Forward Reserve System Charge Rate | The Pool Forward Reserve Market System Charge divided by the Total Pool Reserve Charge Allocation MWs. |
| Forward Reserve Incremental Charge Rate | The Load Zone Forward Reserve Incremental Charge divided by the Total Load Zone Reserve Charge Allocation MWs. |
| Forward Reserve System Charge | The product of the Forward Reserve System Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Incremental Charge | The product of the Forward Reserve Incremental Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Charge | The sum of the Forward Reserve System Charge and Forward Reserve Incremental Charge. |
| Total Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Load Zone Real-Time Reserve Charge Rate. |
| RT Reserve – Participant Detail Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |

| SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Reserve Charge Allocation MWs | The sum of all Participants' Reserve Charge Allocation MWs in the Load Zone. |
| Real-Time Reserve Charge Rate | The Load Zone Real-Time Reserve Charge Rate. |
| Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Real-Time Reserve Charge Rate. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Real-Time Load Obligation | The Subaccount Real-Time Load Obligation for the specified Trading Interval. |
| Reserve Designation – ARDs | The Subaccount total Real-Time Reserve MWs designated to Dispatchable Asset Related Demand resources. |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The Subaccount sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real Time. |
| Reserve Charge Allocation MWs | The Subaccount Real-Time Load Obligation adjusted for the Reserve Designation – ARDs, plus External Sale Load Obligation MW. |
| Forward Reserve System Charge Rate | The Pool Forward Reserve Market System Charge divided by the Total Pool Reserve Charge Allocation MWs. |
| Forward Reserve Incremental Charge Rate | The Load Zone Forward Reserve Incremental Charge divided by the Total Load Zone Reserve Charge Allocation MWs. |
| Forward Reserve System Charge | The product of the Forward Reserve System Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Incremental Charge | The product of the Forward Reserve Incremental Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Charge | The Subaccount sum of the Forward Reserve System Charge and Forward Reserve Incremental Charge. |
| Total Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Load Zone Real-Time Reserve Charge Rate. |
| RT Reserve – Subaccount Detail Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |

| SR_RSVCHARGE – Reserve Market Customer Charges Report – RETIRED SR_RSVCHARGE_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Reserve Charge Allocation MWs | The Subaccount Real-Time Load Obligation adjusted for the Reserve Designation – ARDs, plus External Sale Load Obligation MW. |
| Real-Time Reserve Charge Rate | The Load Zone Real-Time Reserve Charge Rate. |
| Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Real-Time Reserve Charge Rate. |

| SR_RSVCHARGE Change Summary | Effective Date |
|---|-------------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Modified. In the “Subaccount” section, modified the description of “External Sale Load Obligation MW (CETICZ or FCA Cleared Export)” and “Forward Reserve Charge”. | 11.30.2020 |
| Modified. Removed outdated effective dating references from column descriptions. In “Forward Reserve Market - Pool Section”, modified description of “Rest-of-Pool Capacity Price”, “Net Forward Reserve Market TMNSR Proxy Price”, and “Net Forward Reserve Market TMOR Proxy Price”. In “Reserve Market – Reserve Zone Section”, modified description of “Capacity Price”, “Net Forward Reserve Market Clearing Price”, “Real-Time Reserve Market Clearing Price”, and “Real-Time Reserve Designation MW”. | 04.01.2020 |
| Modified. In “Reserve Market – Reserve Zone Section”, modified description of “Real Time Reserve Market Clearing Price” and “Real-Time Reserve Designation MW”. Corrected “RT Reserve – Load Zone Details Section” label to be “RT Reserve – Participant Detail Section”; only description document is impacted. | 03.01.2017 |
| Modified. In the “FORWARD RESERVE MARKET - POOL Section”: modified description of “Forward Reserve Market TMNSR Proxy Price”, “Forward Reserve Market TMOR Proxy Price”, “Rest-of-Pool Capacity Price”, “Net Forward Reserve Market TMNSR Proxy Price”, and “Net Forward Reserve Market TMOR Proxy Price”. In the “RESERVE MARKET - RESERVE ZONE Section”: modified description of “Capacity Price” and “Net Forward Reserve Market Clearing Price”. | 06.01.2016 |
| Modified. Miscellaneous edits in Description, added new "Subaccount" and "RT Reserve - Subaccount Detail" sections. | 06.13.2014 |
| New. The first version of this report is expected to be distributed June 2011. | 06.01.2011 |

| SR_RSVCHARGE2 – Reserve Market Customer Charges Report – Rev 0 SR_RSVCHARGE2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Reserve Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Reserve Zone ID | Reserve Zone ID |
| Reserve Zone Name | Reserve Zone Name |
| Real-Time Reserve Credit | Sum of all customers' Real-Time Reserve Credits for the Reserve Zone and Product Type |
| Load Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Load Zone Real-Time Load Obligation | Load Zone Real-Time Load Obligation |
| Load Zone ARD Reserve Designation | Sum of Real-Time Reserves designated to Dispatchable Asset Related Demand resources |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | Sum of all External Sale Load Obligation (CETICZ or FCA Cleared Export) |
| Total Load Zone Reserve Charge Allocation MW | Load Zone Real-Time Load Obligation + Load Zone ARD Reserve Designation + External Sale Load Obligation MW (CETICZ or FCA Cleared Export) |
| Total Load Zone Real-Time Reserve Charge | Total Load Zone Reserve Charge Allocation MW x Load Zone Real-Time Reserve Charge Rate |
| Load Zone Details Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |

| SR_RSVCHARGE2 – Reserve Market Customer Charges Report – Rev 0 SR_RSVCHARGE2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Total Load Zone Reserve Charge Allocation MW | Total Load Zone Reserve Charge Allocation MW |
| Load Zone Real-Time Reserve Market Clearing Price | Real-Time Reserve Designation MW weighted average of the Reserve Zone Real-Time Reserve Clearing Prices in the Load Zone. |
| Real-Time Reserve Price Ratio | Load Zone Real-Time Reserve Market Clearing Price / Reference Load Zone Real-Time Reserve Market Clearing Price where the Reference Load Zone is the Load Zone with the minimum, non-zero Market Clearing Price |
| Real-Time Reserve Price Weighted Load Obligation | Total Load Zone Reserve Charge Allocation MW \times Real-Time Reserve Price Ratio |
| Pool Real-Time Reserve Price Weighted Load Obligation | Sum of Real-Time Reserve Price Weighted Load Obligation in all Load Zones |
| Load Zone Real-Time Reserve Charge Rate | Real-Time Reserve Credit / Pool Real-Time Reserve Price Weighted Load Obligation \times Real-Time Reserve Price Ratio \times (-1) |
| Load Zone Real-Time Reserve Charge | Total Load Zone Reserve Charge Allocation MW \times Load Zone Real-Time Reserve Charge Rate |
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Customer Real-Time Load Obligation | Customer Real-Time Load Obligation |
| ARD Reserve Designation | Real-Time Reserves designated to Dispatchable Asset Related Demand resources |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | Sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real-Time. |
| Reserve Charge Allocation MW | Customer Real-Time Load Obligation + ARD Reserve Designation + External Sale Load Obligation MW (CETICZ or FCA Cleared Export) |
| Total Real-Time Reserve Charge | Reserve Charge Allocation MW \times Load Zone Real-Time Reserve Charge Rate |
| Customer Detail Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |

| SR_RSVCHARGE2 – Reserve Market Customer Charges Report – Rev 0 SR_RSVCHARGE2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Reserve Charge Allocation MW | Reserve Charge Allocation MW |
| Real-Time Reserve Charge Rate | Load Zone Real-Time Reserve Charge Rate |
| Real-Time Reserve Charge | Reserve Charge Allocation MW \times Real-Time Reserve Charge Rate |
| Subaccount Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Real-Time Load Obligation | Real-Time Load Obligation |
| ARD Reserve Designation | Real-Time Reserves designated to Dispatchable Asset Related Demand resources |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | Sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real-Time. |
| Reserve Charge Allocation MW | Real-Time Load Obligation + ARD Reserve Designation + External Sale Load Obligation MW (CETICZ or FCA Cleared Export) |
| Total Real-Time Reserve Charge | Reserve Charge Allocation MW \times Load Zone Real-Time Reserve Charge Rate |
| Subaccount Detail Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Reserve Charge Allocation MW | Reserve Charge Allocation MW |

| SR_RSVCHARGE2 – Reserve Market Customer Charges Report – Rev 0 SR_RSVCHARGE2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Real-Time Reserve Charge Rate | Load Zone Real-Time Reserve Charge Rate |
| Real-Time Reserve Charge | Reserve Charge Allocation MW \times Real-Time Reserve Charge Rate |

| SR_RSVCHARGE2 Change Summary | Effective Date |
|------------------------------|----------------|
| New. | 03.01.2025 |

| SR_RSVCHARGESUB – Reserve Market Customer Charges Subaccount Report – RETIRED SR_RSVCHARGESUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Reserve Charges - Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Real-Time Load Obligation | The Subaccount Real-Time Load Obligation for the specified Trading Interval. |
| Reserve Designation – ARDs | The Subaccount total Real-Time Reserve MWs designated to Dispatchable Asset Related Demand resources. |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real Time. |
| Reserve Charge Allocation MWs | The Subaccount Real-Time Load Obligation adjusted for the Reserve Designation – ARDs, plus External Sale Load Obligation MW. |
| Forward Reserve System Charge Rate | The rate used to charge the cost of procuring Forward Reserve to satisfy system-wide reserve requirement. |
| Forward Reserve Incremental Charge Rate | The rate used to charge out the remaining Forward Reserve credits and penalties associated with incremental cost to procure local reserve requirements. |
| Forward Reserve System Charge | The product of the Forward Reserve System Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Incremental Charge | The product of the Forward Reserve Incremental Charge Rate and the Reserve Charge Allocation MWs. |
| Forward Reserve Charge | The sum of the Forward Reserve System Charge and Forward Reserve Incremental Charge. |
| Total Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Load Zone Real-Time Reserve Charge Rate. |
| RT Reserve – Subaccount Detail Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Load Zone ID | Numerical identifier for a Load Zone. |
| Load Zone Name | Name of the Load Zone. |
| Reserve Charge Allocation MWs | The Subaccount Real-Time Load Obligation adjusted for the Reserve Designation – ARDs, plus External Sale Load Obligation MW. |
| Real-Time Reserve Charge Rate | The Load Zone Real-Time Reserve Charge Rate. |
| Real-Time Reserve Charge | The product of the Reserve Charge Allocation MWs and the Real-Time Reserve Charge Rate. |

| SR_RSVCHARGESUB Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| New. | 01.01.2021 |

| SR_RSVCHARGESUB2 – Reserve Market Customer Charges Subaccount Report – Rev 0 SR_RSVCHARGESUB2_<customer id>_<settlement date>_<version>_<subaccount id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Real-Time Load Obligation | Real-Time Load Obligation |
| ARD Reserve Designation | Real-Time Reserves designated to Dispatchable Asset Related Demand resources |
| External Sale Load Obligation MW (CETICZ or FCA Cleared Export) | The sum of Real-Time Load Obligation created in a Load Zone that is associated to the external node for which a CETICZ or FCA Cleared Export transaction has been scheduled in Real-Time. |
| Reserve Charge Allocation MW | Real-Time Load Obligation + ARD Reserve Designation + External Sale Load Obligation MW (CETICZ or FCA Cleared Export) |
| Total Real-Time Reserve Charge | Reserve Charge Allocation MW \times Load Zone Real-Time Reserve Charge Rate |
| Subaccount Detail Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Load Zone ID | Load Zone ID |
| Load Zone Name | Load Zone Name |
| Reserve Charge Allocation MW | Reserve Charge Allocation MW |
| Real-Time Reserve Charge Rate | Load Zone Real-Time Reserve Charge Rate |
| Real-Time Reserve Charge | Reserve Charge Allocation MW \times Real-Time Reserve Charge Rate |

| SR_RSVCHARGESUB2 Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 03.01.2025 |

SR_RSVSTL – Reserve Market Settlement Report – RETIRED

SR_RSVSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement to Participants with Resource ownership or Load Obligation.

| REPORT COLUMN | DESCRIPTION |
|------------------------------|--|
| POOL Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Reserve product type – Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Net Forward Reserve Credit | Sum of all Participants' Net Forward Reserve Credit amounts for the Reserve product. |
| Real-Time Reserve Credit | Sum of all Participants' Real-Time Reserve Credit amounts for the Reserve product. |
| Net Real-Time Reserve Credit | Sum of all Participants' Net Real-Time Reserve Credits |
| PARTICIPANT Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Net Forward Reserve Credit | Sum of the Participant's Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts for all Reserve products. |
| Real-Time Reserve Credit | Sum of the Participant's Real-Time Reserve Credit amounts for all Reserve products. |
| Forward Reserve Charge | Participant Forward Reserve Charge amounts for all Reserve products. |
| Real-Time Reserve Charge | Participant Real-Time Reserve Charge amounts for all Reserve products. |
| Net Settlement | Sum of Net Forward Reserve Credit, Net Real-Time Reserve Credit, Forward Reserve Charge, and Real-Time Reserve Charge. |
| Net Real-Time Reserve Credit | Sum of the Participant's Real-Time Reserve Credits and Forward Reserve Obligation Charge amounts for all Reserve products. |
| SUBACCOUNT Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Net Forward Reserve Credit | Sum of the Subaccount's Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts for all Reserve products. |
| Real-Time Reserve Credit | Sum of the Subaccount's Real-Time Reserve Credit amounts for all Reserve products. |
| Forward Reserve Charge | Subaccount Forward Reserve Charge amounts for all Reserve products. |
| Real-Time Reserve Charge | Subaccount Real-Time Reserve Charge amounts for all Reserve products. |
| Net Settlement | Sum of Net Forward Reserve Credit, Net Real-Time Reserve Credit, Forward Reserve Charge, and Real-Time Reserve Charge. |
| Net Real-Time Reserve Credit | Sum of the Subaccount's Real-Time Reserve Credits and Forward Reserve Obligation Charge amounts for all Reserve products. |

| SR_RSVSTL Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Existing. | 10.01.2006 |

| SR_RSVSTL2 – Reserve Market Settlement Report – Rev 0 SR_RSVSTL2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Pool Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Product Type | Appropriate values are: <ul style="list-style-type: none"> • TMSR • TMNSR • TMOR |
| Real-Time Reserve Credit | Sum of all customers' Real-Time Reserve Credit amounts for the Product Type |
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real-Time Reserve Credit | Sum of Customer Share Real-Time Credit amounts for all Product Types |
| Real-Time Reserve Charge | Sum of Total Real-Time Reserve Charge amounts for all Product Types |
| Net Settlement | Real-Time Reserve Credit + Real-Time Reserve Charge |
| Subaccount Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real-Time Reserve Credit | Sum of Subaccount Share Real-Time Credit amounts for all Product Types |
| Real-Time Reserve Charge | Sum of Total Real-Time Reserve Charge amounts for all Product Types |
| Net Settlement | Real-Time Reserve Credit + Real-Time Reserve Charge |
| Asset Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

| SR_RSVSTL2 – Reserve Market Settlement Report – Rev 0 SR_RSVSTL2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | | | | | |
|---|---|---------------------------|----------------|------|------------|
| REPORT COLUMN | DESCRIPTION | | | | |
| Real-Time TMSR Credit | Sum of Customer Share TMSR Credit | | | | |
| Real-Time TMNSR Credit | Sum of Customer Share TMNSR Credit | | | | |
| Real-Time TMOR Credit | Sum of Customer Share TMOR Credit | | | | |
| Real-Time Reserve Credit | Real-Time TMSR Credit + Real-Time TMNSR Credit + Real-Time TMOR Credit | | | | |
| <table> <tr> <th>SR_RSVSTL2 Change Summary</th><th>Effective Date</th></tr> <tr> <td>New.</td><td>03.01.2025</td></tr> </table> | | SR_RSVSTL2 Change Summary | Effective Date | New. | 03.01.2025 |
| SR_RSVSTL2 Change Summary | Effective Date | | | | |
| New. | 03.01.2025 | | | | |

| SR_RSVSTLSUB – Reserve Market Settlement Subaccount Report – RETIRED SR_RSVSTLSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement to Participants with Resource ownership or Load Obligation. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| SUBACCOUNT Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Net Forward Reserve Credit | Sum of the Subaccount's Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts for all Reserve products. |
| Real-Time Reserve Credit | Sum of the Subaccount's Real-Time Reserve Credit amounts for all Reserve products. |
| Forward Reserve Charge | Subaccount Forward Reserve Charge amounts for all Reserve products. |
| Real-Time Reserve Charge | Subaccount Real-Time Reserve Charge amounts for all Reserve products. |
| Net Settlement | Sum of the Subaccount's Net Forward Reserve Credit, Net Real-Time Reserve Credit, Forward Reserve Charge, and Real-Time Reserve Charge. |
| Net Real-Time Reserve Credit | Sum of the Subaccount's Real-Time Reserve Credits and Forward Reserve Obligation Charge amounts for all Reserve products. |

| SR_RSVSTLSUB Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| New. | 01.01.2021 |

| SR_RSVSTLSUB2 – Reserve Market Settlement Subaccount Report – Rev 0 SR_RSVSTLSUB2_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real-Time Reserve Credit | Sum of the Subaccount Share Real-Time Reserve Credit amounts for all Reserve products |
| Real-Time Reserve Charge | Sum of Total Real-Time Reserve Charge amounts for all Reserve products |
| Net Settlement | Real-Time Reserve Credit + Real-Time Reserve Charge |
| Asset Section | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Asset ID |
| Asset Name | Asset Name |
| Real-Time TMSR Credit | Sum of Subaccount Share TMSR Credit |
| Real-Time TMNSR Credit | Sum of Subaccount Share TMNSR Credit |
| Real-Time TMOR Credit | Sum of Subaccount Share TMOR Credit |
| Real-Time Reserve Credit | Real-Time TMSR Credit + Real-Time TMNSR Credit + Real-Time TMOR Credit |
| SR_RSVSTLSUB2 Change Summary | |
| New. | Effective Date 03.01.2025 |

| SR_RSVZONESUM – Reserve Market Zonal Summary Report – RETIRED SR_RSVZONESUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Reserve Zone Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Product Type | Reserve product type – Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Forward Reserve Market Monthly Clearing Price | The Clearing Price resulting from the clearing of the Forward Reserve Auction. |
| Monthly Capacity Price | This column will be reported as NULL. |
| Delivery Hours in Month | The total number of On-Peak hours in a month. |
| Forward Reserve Payment Rate | The Forward Reserve Market Monthly Clearing Price divided by the Delivery Hours in Month. |
| Forward Reserve Obligation | The Forward Reserve Obligation resulting from the clearing of the Forward Reserve Auction, adjusted for Internal Bilateral Contract purchases and sales. |
| Real-Time Reserve Market Clearing Price | This column will be reported as NULL. |
| Forward Reserve Credit | The sum of all Participants Forward Reserve Credit amounts for the Reserve Zone and product. |
| Forward Reserve Failure-to-Reserve Penalty | The sum of all Participants Forward Reserve Failure-to-Reserve Penalty amounts for the Reserve Zone and product. |
| Forward Reserve Failure-to-Activate Penalty | The sum of all Participants Forward Reserve Failure-to-Activate Penalty amounts for the Reserve Zone and product. |
| Forward Reserve Obligation Charge | This column will be reported as NULL. |
| Net Forward Reserve Credit | Sum of the Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts. |
| Real-Time Reserve Credit | The sum of all Participants Real-Time Reserve Credits for the Reserve Zone and product. |
| Final Forward Reserve Obligation Charge | Sum of all Participants Final Forward Reserve Obligation Charge for the Reserve Zone and product. |
| Net Real-Time Reserve Credit | Sum of all Participant Real-Time Reserve Credit and Final Forward Reserve Obligation Charge for the Reserve Zone and product. |
| Final Forward Reserve Failure-to-Reserve Penalty Exempt MWs | Sum of all Participant Final Forward Reserve Failure-to-Reserve Penalty Exempt MWs for the Reserve Zone and product. |
| Participant Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |

SR_RSVZONESUM – Reserve Market Zonal Summary Report – RETIRED

SR_RSVZONESUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Product Type | Reserve product type – Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Forward Reserve Auction Cleared MW's | Amount of Forward Reserve MWs cleared in the Forward Reserve Auction. |
| Forward Reserve Transactions | The net amount of Internal Bilateral Contract purchases and sales. |
| Forward Reserve Obligation | The sum of Forward Reserve Auction Cleared MWs and Forward Reserve Transactions. |
| Total Asset Forward Reserve Delivered MWs | The total Asset Forward Reserve Delivered MWs for the Reserve Zone and product. |
| Forward Reserve Delivered Cascaded MWs | For each product and Reserve Zone, the amount of Forward Reserve Delivered MWs in excess of the Forward Reserve Obligation, less any Forward Reserve Delivered MWs applied in a more constrained zone or to a higher value product. |
| Forward Reserve Delivered MWs | The Total Asset Forward Reserve Delivered MWs adjusted for Forward Reserve Delivered Cascaded MWs. |
| Final Forward Reserve Obligation | The MW amount upon which compensation for delivery of Forward Reserve products is based. This is calculated as the lesser value of the Forward Reserve Obligation or the Forward Reserve Delivered MWs. |
| Forward Reserve Credit | The product of the Forward Reserve Hourly Payment Rate and the Final Forward Reserve Obligation. |
| Forward Reserve Failure-to-Reserve MWs | The amount by which the Participant's Forward Reserve Delivered MWs is less than the Participant's Final Forward Reserve Obligation for the Reserve Zone and product. |
| Forward Reserve Failure-to-Reserve Penalty Exempt MWs | The total amount of Participant Share Asset Failure-to-Reserve Penalty Exempt MWs for the Reserve Zone and product. |
| Final Forward Reserve Failure-to-Reserve Penalty Exempt MWs | The Forward Reserve Failure-to-Reserve Penalty Exempt MWs adjusted for any MWs previously applied in a more constrained zone or to a higher value product, and limited by the Forward Reserve Failure-to-Reserve MWs for the Reserve Zone and product. |
| Adjusted Forward Reserve Failure-to-Reserve MWs | The Forward Reserve Failure-to-Reserve MWs minus the Final Forward Reserve Failure-to-Reserve Penalty Exempt MWs. |
| Forward Reserve Failure-to-Reserve Penalty Rate | The product of the Forward Reserve Hourly Market Clearing Price and the Forward Reserve penalty factor, as defined in Market Rule 1, for each Reserve Zone and product. |
| Forward Reserve Failure-to-Reserve Penalty | The product of the Adjusted Forward Reserve Failure-to-Reserve MWs and the Forward Reserve Failure-to-Reserve Penalty Rate, for the Reserve Zone and product. |
| Forward Reserve Failure-to-Activate Penalty | The total amount of Participant Share Forward Reserve Failure-to-Activate Penalty, for the Reserve Zone and product. |
| Total Forward Reserve Energy Obligation Credit MWs | This column will be reported as NULL. |
| Forward Reserve Obligation Charge MWs | The sum of the five-minute Forward Reserve Obligation Charge MWs, divided by 12. |
| Forward Reserve Obligation Charge | This column will be reported as NULL. |
| Net Forward Reserve Credit | Sum of the Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts. |
| Real-Time Reserve Credit | The sum of the five-minute Participant Real-Time Reserve Credits for the Reserve Zone and product. |

| SR_RSVZONESUM – Reserve Market Zonal Summary Report – RETIRED SR_RSVZONESUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Final Forward Reserve Obligation Charge | The sum of the five-minute Final Forward Reserve Obligation Charges. |
| Net Real-Time Reserve Credit | Sum of the Real-Time Reserve Credit and Final Forward Obligation Charge for the Reserve Zone and product. |
| Obligation Charge Limit MWs | The sum of the five-minute Obligation Charge Limit MWs, divided by 12. |
| Obligation Charge Limit MWs Excess | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Total Asset Forward Reserve Delivered MWs | The total Asset Forward Reserve Delivered MWs for the Reserve Zone and product. |
| Forward Reserve Delivered MWs | The Total Asset Forward Reserve Delivered MWs adjusted for Forward Reserve Delivered Cascaded MWs. |
| Final Forward Reserve Obligation | The MW amount upon which compensation for delivery of Forward Reserve products is based. This is calculated as the lesser value of the Forward Reserve Obligation or the Forward Reserve Delivered MWs. |
| Forward Reserve Credit | The product of the Forward Reserve Hourly Payment Rate and the Final Forward Reserve Obligation. |
| Adjusted Forward Reserve Failure-to-Reserve MWs | If the subaccount is the default subaccount, Participant Adjusted Forward Reserve Failure-to-Reserve MWs. Otherwise, 0. |
| Forward Reserve Failure-to-Reserve Penalty Rate | The product of the Forward Reserve Hourly Market Clearing Price and the Forward Reserve penalty factor, as defined in Market Rule 1, for each Reserve Zone and product. |
| Forward Reserve Failure-to-Reserve Penalty | The product of the Adjusted Forward Reserve Failure-to-Reserve MWs and the Forward Reserve Failure-to-Reserve Penalty Rate, for the Reserve Zone and product. |
| Forward Reserve Failure-to-Activate Penalty | The total amount of Subaccount Share Forward Reserve Failure-to-Activate Penalty, for the Reserve Zone and product. |
| Forward Reserve Obligation Charge MWs | The sum of the five-minute Forward Reserve Obligation Charge MWs, divided by 12. |
| Net Forward Reserve Credit | Subaccount's share of the sum of the Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts. |
| Real-Time Reserve Credit | Subaccount's share of the sum of the five-minute Real-Time Reserve Credits for the Reserve Zone and product. |
| Final Forward Reserve Obligation Charge | Subaccount's share of the sum of the five-minute Final Forward Reserve Obligation Charge. |

SR_RSVZONESUM – Reserve Market Zonal Summary Report – RETIRED

SR_RSVZONESUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|------------------------------------|---|
| Net Real-Time Reserve Credit | Subaccount's share of the sum of the Real-Time Reserve Credit and Final Forward Obligation Charge for the Reserve Zone and product. |
| Obligation Charge Limit MWs | The sum of the five-minute Obligation Charge Limit MWs, divided by 12. |
| Obligation Charge Limit MWs Excess | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |

| SR_RSVZONESUM Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| Modified. Removed outdated effective dating references from column descriptions. In the "Reserve Zone Section": modified description of "Monthly Capacity Price", "Forward Reserve Payment Rate" and "Real Time Reserve Clearing Price". In the "Participant Section": modified description of "Forward Reserve Obligation Charge MWs", "Final Forward Reserve Obligation Charge" and "Obligation Charge Limit MWs". In the "Subaccount Section": modified descriptions of "Forward Reserve Obligation Charge MWs", "Final Forward Reserve Obligation Charge" and "Obligation Charge Limit MWs". | 04.01.2020 |
| Modified. All sections: removed outdated effective dating references from column descriptions. In the "Reserve Zone Section": modified description of "Real-Time Reserve Market Clearing Price". In the "Participant Section": modified description of "Forward Reserve Obligation Charge MWs", "Real-Time Reserve Credit", "Final Forward Reserve Obligation Charge", and "Obligation Charge Limit MWs". In the "Subaccount Section": modified description of "Forward Reserve Obligation Charge MWs", "Net Forward Reserve Credit", "Real-Time Reserve Credit", "Final Forward Reserve Obligation Charge", and "Obligation Charge Limit MWs". | 03.01.2017 |
| Modified. In the "RESERVE ZONE Section": modified description of "Monthly Capacity Price" and "Forward Reserve Payment Rate". | 06.01.2016 |
| Modified. Updated description of "Forward Reserve Obligation Charge MWs" column in the "Participant" and "Subaccount" sections. Added new columns "Obligation Charge Limit MWs" and "Obligation Charge Limit MWs Excess" in the "Participant" and "Subaccount" sections. These new columns will be populated with a NULL value for any settlements prior to June 1, 2015 | 06.01.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Modified. This is only a data change. | 10.01.2006 |

| SR_RSVZONESUMSUB – Reserve Market Zonal Summary Subaccount Report – RETIRED SR_RSVZONESUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Reserve Zone ID | Numerical identifier for a Reserve Zone. |
| Reserve Zone Name | Name of the Reserve Zone. |
| Product Type | Reserve product type: Ten Minute Spinning Reserve (TMSR), Ten Minute Non-Spinning Reserve (TMNSR), or Thirty Minute Operating Reserve (TMOR). |
| Total Asset Forward Reserve Delivered MWs | The total Asset Forward Reserve Delivered MWs for the Reserve Zone and product. |
| Forward Reserve Delivered MWs | The Total Asset Forward Reserve Delivered MWs adjusted for Forward Reserve Delivered Cascaded MWs. |
| Final Forward Reserve Obligation | The MW amount upon which compensation for delivery of Forward Reserve products is based. This is calculated as the lesser value of the Forward Reserve Obligation or the Forward Reserve Delivered MWs. |
| Forward Reserve Credit | The product of the Forward Reserve Hourly Payment Rate and the Final Forward Reserve Obligation. |
| Adjusted Forward Reserve Failure-to-Reserve MWs | If the subaccount is the default subaccount, Participant Adjusted Forward Reserve Failure-to-Reserve MWs. Otherwise, 0. |
| Forward Reserve Failure-to-Reserve Penalty Rate | The product of the Forward Reserve Hourly Market Clearing Price and the Forward Reserve penalty factor, as defined in Market Rule 1, for each Reserve Zone and product. |
| Forward Reserve Failure-to-Reserve Penalty | The product of the Adjusted Forward Reserve Failure-to-Reserve MWs and the Forward Reserve Failure-to-Reserve Penalty Rate, for the Reserve Zone and product. |
| Forward Reserve Failure-to-Activate Penalty | The total amount of Subaccount Share Forward Reserve Failure-to-Activate Penalty, for the Reserve Zone and product. |
| Forward Reserve Obligation Charge MWs | The sum of the five-minute Forward Reserve Obligation Charge MWs, divided by 12. |
| Net Forward Reserve Credit | The Subaccount's share of the sum of the Forward Reserve Credit, Forward Reserve Failure-to-Reserve Penalty, and Forward Reserve Failure-to-Activate Penalty amounts. |
| Real-Time Reserve Credit | The Subaccount's share of the sum of the five-minute Real-Time Reserve Credits for the Reserve Zone and product. |
| Final Forward Reserve Obligation Charge | The Subaccount's share of the sum of the five-minute Final Forward Reserve Obligation Charge. |
| Net Real-Time Reserve Credit | The Subaccount's share of the sum of the Real-Time Reserve Credit and Final Forward Obligation Charge for the Reserve Zone and product. |
| Obligation Charge Limit MWs | The sum of the five-minute Obligation Charge Limit MWs, divided by 12. |
| Obligation Charge Limit MWs Excess | Any Obligation Charge MWs not applied in a Reserve Zone may be applied in a less constrained Reserve Zone. |

| SR_RSVZONESUMSUB Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of operating days through and including February 28, 2025. | 03.01.2025 |
| New. | 01.01.2021 |

SR_RTCUSTSUM – Real Time Energy Market Summary Report – Rev 10

SR_RTCUSTSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The customer's total of all Real Time Generation Obligations for all locations. |
| Real Time Load Obligation | The customer's total of all Real Time Load Obligations for all locations. |
| Real Time Adjusted Load Obligation | The sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The customer's total of all Real Time Adjusted Net Interchanges for all locations. |
| Real Time Energy Charge/Credit | The customer's total of all Real Time Energy Charges/Credits for all locations. |
| Real Time Congestion Charge/Credit | The customer's total of all Real Time Congestion Charges/Credits for all locations. |
| Real Time Loss Charge/Credit | The customer's total of all Real Time Loss Charges/Credits for all locations. |
| Real Time Marginal Loss Revenue Allocation | The customer's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The customer's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The customer's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Demand Reduction Charge, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Pool Generation Obligation | The Pool total of all Real Time Generation Obligations for all locations. |
| Real Time Pool Load Obligation | The Pool total of all Real Time Load Obligations for all locations. |
| Real Time Pool Adjusted Load Obligation | The sum of RT Pool Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Pool Energy Settlement | The Pool total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Pool Congestion Revenue | The Pool total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Pool Loss Revenue | The Pool total of all Real Time Loss Charges/Credits at all locations. |
| Real Time Pool Emergency Cost | The dollar cost of the Pool external emergency sales or purchases priced at the external node(s). |

SR_RTCUSTSUM – Real Time Energy Market Summary Report – Rev 10

SR_RTCUSTSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Real Time Pool External Inadvertent | The sum of the scheduled amounts at each external node for the Pool, subtracted from actual amounts delivered at each external node, multiplied by the nodal Real Time Locational Marginal Price. |
| Real Time Pool Marginal Loss Revenue | The sum of Pool Real Time Energy Settlement, Pool Real Time Loss Revenue, Pool External Inadvertent Cost, and Pool Real Time Emergency Purchases or Sales. |
| Day Ahead Pool Marginal Loss Revenue | The sum of Pool Day Ahead Energy Settlement <u>and</u> Pool Day Ahead Loss Revenue. |
| Real Time Pool Load Obligation Absolute Value | Effective December 15, 2015, this column will no longer be used and will be reported as NULL. |
| Marginal Loss Revenue Load Obligation | The customer's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Pool Marginal Loss Revenue Load Obligation | The Pool total Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Generation Obligation for Charge Allocation | The customer's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Load Obligation for Charge Allocation | The customer's total Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Adjusted Net Interchange for Charge Allocation | The customer's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Pool Generation Obligation for Charge Allocation | The Pool total of all Real Time Generation Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Pool Load Obligation for Charge Allocation | The Pool total of all Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Pool Load Obligation Absolute Value for Charge Allocation | The Pool total of the absolute value of the customer's Real Time Load Obligations for Charge Allocation. |
| Real Time Demand Reduction Obligation | The customer's total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Load Obligation for Demand Reduction Allocation | The customer's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Demand Reduction Credit | The customer's total of all Real Time Demand Reduction Credits for all locations. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Deduction Credits for the hour multiplied by the customer's pro-rata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour. |
| Real Time Pool Demand Reduction Obligation | The Pool total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Pool Load Obligation for Demand Reduction Allocation | The Pool total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Pool Demand Reduction Credit | The Pool total of all Real Time Demand Reduction Credits for all locations. |
| Real Time Pool Demand Reduction Charge | The Pool total of all Real Time Demand Reduction Charges for all locations. |

| SR_RTCUSTSUM – Real Time Energy Market Summary Report – Rev 10 | |
|---|--|
| SR_RTCUSTSUM_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
| REPORT COLUMN | DESCRIPTION |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The subaccount's total of all Real Time Generation Obligations at all locations. |
| Real Time Load Obligation | The subaccount's total of all Real Time Load Obligations at all locations. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The subaccount's total of all Real Time Adjusted Net Interchanges at all locations. |
| Real Time Energy Charge/Credit | The subaccount's total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Congestion Charge/Credit | The subaccount's total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Loss Charge/Credit | The subaccount's total of all Real Time Loss Charges/Credits at all locations. |
| Marginal Loss Revenue Load Obligation | The subaccount's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Marginal Loss Revenue Allocation | The subaccount's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The subaccount's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The subaccount's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Demand Reduction Charge, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Load Obligation for Charge Allocation | The subaccount's total Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Demand Reduction Obligation | The subaccount's total of all Real Time Demand Reduction Obligation for all locations. |

| SR_RTCUSTSUM – Real Time Energy Market Summary Report – Rev 10 | |
|---|---|
| SR_RTCUSTSUM_<customer id>_<settlement date>_<version>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
| REPORT COLUMN | DESCRIPTION |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Demand Reduction Credit | The subaccount's total of all Real Time Demand Reduction Credits for all locations. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Deduction Credits for the hour multiplied by the subaccount's pro-rata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour. |

| SR_RTCUSTSUM Change Summary | Effective Date |
|--|----------------|
| Modified. In the "Customer" and "Subaccount Section" sections revised Real Time Demand Reduction Charge description. | 04.01.2019 |
| Modified. In the "Customer" section, added columns for "Real Time Demand Reduction Obligation", "Real Time Load Obligation for Demand Reduction Allocation", "Real Time Demand Reduction Credit", and "Real Time Demand Reduction Charge", "Real Time Pool Demand Reduction Obligation", "Real Time Pool Load Obligation for Demand Reduction Allocation", "Real Time Pool Demand Reduction Credit" and "Real Time Pool Demand Reduction Charge". Modified descriptions of "External Inadvertent Cost Distribution" and "Real Time Net Energy Settlement". In the "Subaccount Section", added columns for "Real Time Demand Reduction Obligation", "Real Time Load Obligation for Demand Reduction Allocation", "Real Time Demand Reduction Credit", and "Real Time Demand Reduction Charge". Modified descriptions of "External Inadvertent Cost Distribution" and "Real Time Net Energy Settlement". | 06.01.2018 |
| Modified. In "Customer Section" and Subaccount Section": removed outdated effective dating references from column descriptions, and unnecessary references to "specified Trading Interval". | 03.01.2017 |
| Modified. In "Customer Section": modified description of "Real Time Marginal Loss Revenue Allocation", "External Inadvertent Cost Distribution", and "Real Time Pool Load Obligation Absolute Value"; retired column "Real Time Pool Load Obligation Absolute Value"; added columns "Real Time Generation Obligation for Charge Allocation", "Real Time Load Obligation for Charge Allocation", "Real Time Adjusted Net Interchange for Charge Allocation", "Real Time Pool Generation Obligation for Charge Allocation", "Real Time Pool Load Obligation for Charge Allocation" and "Real Time Pool Load Obligation Absolute Value for Charge Allocation". In "Subaccount Section": modified description of "External Inadvertent Cost Distribution"; added columns "Real Time Generation Obligation for Charge Allocation", "Real Time Load Obligation for Charge Allocation", and "Real Time Adjusted Net Interchange for Charge Allocation". UPDATE: In addition, in "Customer Section" of the sample CSV file, the column heading of "Real Time Pool External Inadvertent Cost" was corrected to "Real Time Pool External Inadvertent". | 12.15.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Modified. New columns "Marginal Loss Revenue Load Obligation" and "Pool Marginal Loss Revenue Load Obligation", following existing column "Real Time Pool Load Obligation Absolute Value", will be reported blank for any resettlement of operating day | 01.01.2011 |

| SR_RTCUSTSUM Change Summary | Effective Date |
|---|----------------|
| prior to January 1st 2011. | |
| Existing. Added a new column to the end of the report "Real Time Pool Load Obligation Absolute Value". Modified the description of the columns "External Inadvertent Cost Distribution" and "Real Time Pool External Inadvertent". | 06.01.2008 |

SR_RTCUSTSUMSUB – Real Time Energy Market Subaccount Summary Report – Rev 0

SR_RTCUSTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The subaccount's total of all Real Time Generation Obligations at all locations. |
| Real Time Load Obligation | The subaccount's total of all Real Time Load Obligations at all locations. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The subaccount's total of all Real Time Adjusted Net Interchanges at all locations. |
| Real Time Energy Charge / Credit | The subaccount's total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Congestion Charge / Credit | The subaccount's total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Loss Charge / Credit | The subaccount's total of all Real Time Loss Charges/Credits at all locations. |
| Marginal Loss Revenue Load Obligation | The subaccount's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Marginal Loss Revenue Allocation | The subaccount's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The subaccount's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The subaccount's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Demand Reduction Charge, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Load Obligation for Charge Allocation | The subaccount's total Real Time Load Obligations excluding obligation from Coordinated External Transactions, for all locations. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions, for all locations. |

SR_RTCUSTSUMSUB – Real Time Energy Market Subaccount Summary Report – Rev 0

SR_RTCUSTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Real Time Demand Reduction Obligation | The subaccount's total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Demand Reduction Credit | The subaccount's total of all Real Time Demand Reduction Credits for all locations. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Deduction Credits for the hour multiplied by the subaccount's pro-rata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour. |

| SR_RTCUSTSUMSUB Change Summary | Effective Date |
|--------------------------------|----------------|
| New. | 04.01.2020 |

| SR_RTCUSTSUM5MIN – Real Time Energy Market Five Minute Summary Report – Rev 1 SR_RTCUSTSUM5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Customer Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The customer's total of all Real Time Generation Obligations for all locations. |
| Real Time Load Obligation | The customer's total of all Real Time Load Obligations for all locations. |
| Real Time Adjusted Load Obligation | The sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The customer's total of all Real Time Adjusted Net Interchanges for all locations. |
| Real Time Energy Charge/Credit | The customer's total of all Real Time Energy Charges/Credits for all locations. |
| Real Time Congestion Charge/Credit | The customer's total of all Real Time Congestion Charges/Credits for all locations. |
| Real Time Loss Charge/Credit | The customer's total of all Real Time Loss Charges/Credits for all locations. |
| Real Time Marginal Loss Revenue Allocation | The customer's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The customer's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The customer's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Pool Generation Obligation | The Pool total of all Real Time Generation Obligations for all locations. |
| Real Time Pool Load Obligation | The Pool total of all Real Time Load Obligations for all locations. |
| Real Time Pool Adjusted Load Obligation | The sum of RT Pool Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at all locations. |
| Real Time Pool Energy Settlement | The Pool total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Pool Congestion Revenue | The Pool total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Pool Loss Revenue | The Pool total of all Real Time Loss Charges/Credits at all locations. |
| Real Time Pool Emergency Cost | The dollar cost of the Pool external emergency sales or purchases priced at the external node(s). |
| Real Time Pool External Inadvertent | The sum of the scheduled amounts at each external node for the Pool, subtracted from actual amounts delivered at each external node, multiplied by the nodal Real Time Locational Marginal Price. |

| SR_RTCUSTSUM5MIN – Real Time Energy Market Five Minute Summary Report – Rev 1 SR_RTCUSTSUM5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Real Time Pool Marginal Loss Revenue | The sum of Pool Real Time Energy Settlement, Pool Real Time Loss Revenue, Pool External Inadvertent Cost, and Pool Real Time Emergency Purchases or Sales. |
| Day Ahead Pool Marginal Loss Revenue | The sum of Pool Day Ahead Energy Settlement and Pool Day Ahead Loss Revenue divided by 12. |
| Marginal Loss Revenue Load Obligation | The customer's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Pool Marginal Loss Revenue Load Obligation | The Pool total Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Generation Obligation For Charge Allocation | The customer's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Load Obligation For Charge Allocation | The customer's total Real Time Load Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Adjusted Net Interchange For Charge Allocation | The customer's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Pool Generation Obligation For Charge Allocation | The Pool total of all Real Time Generation Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Pool Load Obligation For Charge Allocation | The Pool total of all Real Time Load Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Pool Load Obligation Absolute Value For Charge Allocation | The Pool total of all Real Time Pool Load Obligation Absolute Value excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Demand Reduction Obligation | The customer's total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Load Obligation for Demand Reduction Allocation | The customer's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Demand Reduction Credit | The customer's total of all Real Time Demand Reduction Credits for all locations. |
| Real Time Pool Demand Reduction Obligation | The Pool total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Pool Load Obligation for Demand Reduction Allocation | The Pool total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Pool Demand Reduction Credit | The Pool total of all Real Time Demand Reduction Credits for all locations. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The subaccount's total of all Real Time Generation Obligations at all locations. |
| Real Time Load Obligation | The subaccount's total of all Real Time Load Obligations at all locations. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM purchases, RT |

| SR_RTCUSTSUM5MIN – Real Time Energy Market Five Minute Summary Report – Rev 1 SR_RTCUSTSUM5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| | IBM sales, DA IBM purchases and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The subaccount's total of all Real Time Adjusted Net Interchanges at all locations. |
| Real Time Energy Charge/Credit | The subaccount's total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Congestion Charge/Credit | The subaccount's total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Loss Charge/Credit | The subaccount's total of all Real Time Loss Charges/Credits at all locations. |
| Marginal Loss Revenue Load Obligation | The subaccount's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Marginal Loss Revenue Allocation | The subaccount's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The subaccount's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The subaccount's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Generation Obligation For Charge Allocation | The subaccount's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Load Obligation For Charge Allocation | The subaccount's total Real Time Load Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Adjusted Net Interchange For Charge Allocation | The subaccount's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Demand Reduction Obligation | The subaccount's total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |
| Real Time Demand Reduction Credit | The subaccount's total of all Real Time Demand Reduction Credits for all locations. |

| SD_RTCUSTSUM5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. In the "Customer" section, added columns for "Real Time Demand Reduction Obligation", "Real Time Load Obligation for Demand Reduction Allocation", "Real Time Demand Reduction Credit", "Real Time Pool Demand Reduction Obligation", "Real Time Pool Load Obligation for Demand Reduction Allocation", and "Real Time Pool Demand Reduction Credit". Modified descriptions of "External Inadvertent Cost Distribution" and "Real Time Net Energy Settlement". In the "Subaccount Section", added columns for "Real Time Demand Reduction Obligation", "Real Time Load Obligation for Demand Reduction Allocation" and "Real Time Demand Reduction Credit". Modified descriptions of "External Inadvertent Cost Distribution" and "Real Time Net Energy Settlement". | 06.01.2018 |
| New. Update to previously posted Draft report description document: in "Subaccount Section", the column "Real Time Adjusted Load Obligation for Charge Allocation" has been removed. | 03.01.2017 |

SR_RTCUSTSUM5MINSUB – Real Time Energy Market Five Minute Subaccount Summary Report – Rev 0
 SR_RTCUSTSUM5MINSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV
 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real Time Generation Obligation | The subaccount's total of all Real Time Generation Obligations at all locations. |
| Real Time Load Obligation | The subaccount's total of all Real Time Load Obligations at all locations. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases and DA IBM sales at all locations. |
| Real Time Adjusted Net Interchange | The subaccount's total of all Real Time Adjusted Net Interchanges at all locations. |
| Real Time Energy Charge / Credit | The subaccount's total of all Real Time Energy Charges/Credits at all locations. |
| Real Time Congestion Charge / Credit | The subaccount's total of all Real Time Congestion Charges/Credits at all locations. |
| Real Time Loss Charge / Credit | The subaccount's total of all Real Time Loss Charges/Credits at all locations. |
| Marginal Loss Revenue Load Obligation | The subaccount's total of all Marginal Loss Revenue Load Obligation at all locations. |
| Real Time Marginal Loss Revenue Allocation | The subaccount's pro-rata share of the Marginal Loss Revenue Load Obligation multiplied by Pool Day Ahead Marginal Loss Revenue plus Pool Real Time Marginal Loss Revenue. |
| External Inadvertent Cost Distribution | The subaccount's pro-rata share of the sum of the absolute values of the Real Time Pool Total Generation Obligation for Charge Allocation, the Real Time Pool Total Demand Reduction Obligation, and the Real Time Pool Total Load Obligation for Charge Allocation, multiplied by the Real Time Pool External Inadvertent amount. |
| Real Time Net Energy Settlement | The subaccount's sum of Real Time Energy Charge/Credit, Real Time Congestion Charge/Credit, Real Time Loss Charge/Credit, Real Time Demand Reduction Credit, Real Time Marginal Loss Revenue Allocation, and External Inadvertent Cost. |
| Real Time Generation Obligation For Charge Allocation | The subaccount's total Real Time Generation Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Load Obligation For Charge Allocation | The subaccount's total Real Time Load Obligations excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Adjusted Net Interchange For Charge Allocation | The subaccount's total Real Time Adjusted Net Interchanges excluding obligation from Coordinated External Transactions for all locations. |
| Real Time Demand Reduction Obligation | The subaccount's total of all Real Time Demand Reduction Obligation for all locations. |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's total of all Real Time Load Obligation for Demand Reduction Allocation for all locations. |

| | |
|-----------------------------------|---|
| Real Time Demand Reduction Credit | The subaccount's total of all Real Time Demand Reduction Credits for all locations. |
|-----------------------------------|---|

| SD_RTCUSTSUM5MINSUB Change Summary | Effective Date |
|---|-----------------------|
| New. | 04.01.2020 |

| SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7 SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Customer Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Revenue Metered Generation | The sum of the customer’s subhourly Revenue Metered Generation values in the hour, divided by 12. |
| Scheduled Imports | The sum of the customer’s subhourly Scheduled Import values in the hour, divided by 12. |
| Real Time Generation Obligation | The sum of the customer’s Revenue Metered Generation and Scheduled Imports. |
| Revenue Metered Load | The sum of the customer’s subhourly Revenue Metered Load values in the hour, divided by 12. |
| Scheduled Exports | The sum of the customer’s subhourly Scheduled Exports values in the hour, divided by 12. |
| Internal Bilateral For Load | <p>The sum of the customer’s subhourly IBL net MW values in the hour, divided by 12.</p> <p>A bilateral transaction under which the buyer receives a reduction in Real Time Load Obligation and the seller receives a corresponding increase in Real Time Load Obligation in the amount of the sale.</p> <p>Internal Bilateral for Load is only applicable in the Real Time energy market.</p> |
| Real Time Load Obligation | The sum of Revenue Metered Load, Scheduled Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The sum of the customer’s subhourly RT IBM purchases in the hour, divided by 12. |
| Real Time Internal Bilateral For Market Sales | The sum of the customer’s subhourly RT IBM sales in the hour, divided by 12. |
| Real Time Adjusted Load Obligation | The sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | Real Time Generation Obligation plus Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | Difference in MW between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |

| SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7 SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Real Time Energy Charge/Credit | As of March 1, 2017, the sum of the subhourly Real Time Energy Charge/Credit values for the Trading Interval. Prior to March 1, 2017, Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component. |
| Real Time Congestion Charge/Credit | As of March 1, 2017, the sum of the subhourly Real Time Congestion Charge/Credit values for the Trading Interval. Prior to March 1, 2017, Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component. |
| Real Time Loss Charge/Credit | As of March 1, 2017, the sum of the subhourly Real Time Loss Charge/Credit values for the Trading Interval. Prior to March 1, 2017, Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The customer's total Real Time Generation Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Load Obligation for Charge Allocation | The customer's total Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The customer's total Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the customer's subhourly Demand Reduction Obligation at the specified location. |
| Real Time Load Obligation for Demand Reduction Allocation | The sum of the customer's subhourly Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation Deviation | The sum of the customer's subhourly Demand Reduction Obligation Deviation at the specified location. |
| Real Time Demand Reduction Credit | The sum of the customer's subhourly Real Time Demand Reduction Credits at the specified location. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Reduction Credits for the hour multiplied by the customer's prorata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour at the specified location. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |

| SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7 SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • ‘LOAD ZONE’ • ‘NETWORK NODE’ • ‘HUB’ • ‘DRR AGGREGATION ZONE’ |
| Revenue Metered Generation | The sum of the subaccount’s subhourly Revenue Metered Generation values in the hour, divided by 12. |
| Scheduled Imports | The sum of the subaccount’s subhourly Scheduled Imports values in the hour, divided by 12. |
| Real Time Generation Obligation | The subaccount’s Revenue Metered Generation plus Scheduled Imports at the location. |
| Revenue Metered Load | The sum of the subaccount’s subhourly Revenue Metered Load values in the hour, divided by 12. |
| Scheduled Exports | The subaccount’s Scheduled Exports at the location. |
| Internal Bilateral For Load | The sum of the subaccount’s subhourly IBL net MW values in the hour, divided by 12. |
| Real Time Load Obligation | The subaccount’s sum of Revenue Metered Load, Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The sum of the subaccount’s subhourly RT IBM purchases in the hour, divided by 12. |
| Real Time Internal Bilateral For Market Sales | The sum of the subaccount’s subhourly RT IBM sales in the hour, divided by 12. |
| Real Time Adjusted Load Obligation | The subaccount’s sum of RT Load Obligation, RT IBM Purchases, RT IBM Sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | The subaccount’s Real Time Generation Obligation plus the Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | The subaccount’s difference in MW between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge/Credit | <p>As of March 1, 2017, the subaccount’s share of the sum of the subhourly Real Time Energy Charge/Credit values for the Trading Interval.</p> <p>Prior to March 1, 2017, the subaccount’s Locational Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component.</p> |
| Real Time Congestion Charge/Credit | As of March 1, 2017, the subaccount’s share of the sum of the subhourly Real Time Congestion Charge/Credit values for the Trading Interval. |

| SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7 SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| | Prior to March 1, 2017, the subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component. |
| Real Time Loss Charge/Credit | As of March 1, 2017, the sum of the subaccount's share of the subhourly Real Time Loss Charge/Credit values for the Trading Interval. Prior to March 1, 2017, the subaccount's Locational Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The subaccount's MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The subaccount's MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The subaccount's sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's Real Time Generation Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Load Obligation for Charge Allocation | The subaccount's Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the subaccount's subhourly Demand Reduction Obligation at the specified location. |
| Real Time Load Obligation for Demand Reduction Allocation | The sum of the subaccount's subhourly Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation Deviation | The sum of the subaccount's subhourly Demand Reduction Obligation Deviation at the specified location. |
| Real Time Demand Reduction Credit | The sum of the subaccount's subhourly Real Time Demand Reduction Credit at the specified location. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Reduction Credits for the hour multiplied by the subaccount's prorata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour at the specified location. |
| 15-Minute CTS Location Section This section will be reported for market dates prior to 03/01/2017. | |
| Trading Interval | Specific 15-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:15 to 02:00). |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identifier. |
| Location Name | The location name. |

SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7

SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Location Type | The location type. |
| Revenue Metered Generation | Revenue Metered Generation at the location during the specified Trading Interval. |
| Scheduled Imports | The total of customer's Imports at the location during the specified Trading Interval. |
| Real Time Generation Obligation | Revenue Metered Generation plus Scheduled Imports at the location during the specified Trading Interval. |
| Real Time Generation Obligation for Charge Allocation | Real Time Generation Obligations excluding obligation from Coordinated External Transactions, at the specified location. |
| Revenue Metered Load | The total of customer's share of Revenue Metered Load at the location during the specified Trading Interval. |
| Scheduled Exports | The total of customer's exports at the location during the specified Trading Interval. |
| Internal Bilateral For Load | The net MW amount of the location IBLs which is the sum of the customer's purchases plus the sum of the customer's sales (a bilateral transaction under which the buyer receives a reduction in Real Time Load Obligation and the seller receives a corresponding increase in Real Time Load Obligation in the amount of the sale. Internal Bilateral for Load is only applicable in the Real Time energy market). The hourly value will be shown for the 15-minute interval. |
| Real Time Load Obligation | Revenue Metered Load plus Scheduled Exports plus Internal Bilateral for Load at the specified location. |
| Real Time Load Obligation for Charge Allocation | Real Time Load Obligations excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The MW amount of RT IBM purchases at the specified location. The hourly value will be shown for the 15-minute interval. |
| Real Time Internal Bilateral For Market Sales | The MW amount of RT IBM sales at the specified location. The hourly value will be shown for the 15-minute interval. |
| Real Time Adjusted Load Obligation | Real Time Load Obligation plus the Real Time Internal Bilateral For Market Purchases plus the Real Time Internal Bilateral For Market Sales plus the DA IBM purchases plus the DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | Equals the Real Time Generation Obligation plus the Real Time Adjusted Load Obligation at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The customer's total Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Adjusted Net Interchange Deviation | The difference in megawatt hours between the Real Time Adjusted Net Interchange and the Day Ahead Adjusted Net Interchange. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge/Credit | Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component, divided by 4. |
| Real Time Congestion Charge/Credit | Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component, divided by 4. |
| Real Time Loss Charge/Credit | Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component, divided by 4. |

| SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7 SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The MW amount of IBM purchases impacting MLRLO at the specified location. The hourly value will be applied to each 15-minute interval. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The MW amount of IBM sales impacting MLRLO at the specified location. The hourly value will be applied to each 15-minute interval. |
| Marginal Loss Revenue Load Obligation (MLRLO) | Real Time Load Obligation for Charge Allocation plus the Real Time Internal Bilateral For Market Purchases Impacting MLRLO plus the Real Time Internal Bilateral For Market Sales Impacting MLRLO plus the Day-Ahead IBM purchases impacting MLRLO plus the Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Subaccount Section - CTS Location This section will be reported for market dates prior to 03/01/2017. | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:15 to 02:00). |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identifier. |
| Location Name | The location name. |
| Location Type | The location type. |
| Revenue Metered Generation | The subaccount's share of Revenue Metered Generation at the location during the specified Trading Interval. |
| Scheduled Imports | The total of the subaccount's Scheduled Imports at the location during the specified Trading Interval. |
| Real Time Generation Obligation | The subaccount Revenue Metered Generation plus Scheduled Imports at the location during the specified Trading Interval. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's total of Real Time Generation Obligations excluding obligation from Coordinated External Transactions, at the specified location. |
| Revenue Metered Load | The subaccount's share of Revenue Metered Load at the location during the specified Trading Interval. |
| Scheduled Exports | The total of the subaccount's Scheduled Exports at the location during the specified Trading Interval. |
| Internal Bilateral For Load | The net MW amount of location IBLs which is the sum of the subaccount's purchases plus the sum of the subaccount's sales (a bilateral transaction under which the buyer receives a reduction in Real Time Load Obligation and the seller receives a corresponding increase in Real Time Load Obligation in the amount of the sale. Internal Bilateral for Load is only applicable in the Real Time energy market). The hourly value will be shown for the 15-minute interval. |
| Real Time Load Obligation | The subaccount's sum of Revenue Metered Load plus Exports plus Internal Bilateral for Load at the specified location. |
| Real Time Load Obligation for Charge Allocation | The subaccount's total of Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified |

SR_RTLOCSUM – Real Time Energy Market Locational Summary Report – Rev 7

SR_RTLOCSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|---|--|
| | location. |
| Real Time Internal Bilateral For Market Purchases | The subaccount's MW amount of IBM purchases at the specified location. The hourly value will be shown for the 15-minute interval. |
| Real Time Internal Bilateral For Market Sales | The subaccount's MW amount of IBM sales at the specified location. The hourly value will be shown for the 15-minute interval. |
| Real Time Adjusted Load Obligation | The subaccount's sum of Real Time Load Obligation plus the Real Time Internal Bilateral For Market Purchases plus the Real Time Internal Bilateral For Market Sales plus the DA IBM purchases plus the DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | The subaccount's Real Time Generation Obligation plus the Real Time Adjusted Load Obligation at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's total Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Adjusted Net Interchange Deviation | The subaccount's difference in megawatt hours between the Real Time Adjusted Net Interchange and the Day Ahead Adjusted Net Interchange. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component, divided by 4. |
| Real Time Congestion Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component, divided by 4. |
| Real Time Loss Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component, divided by 4. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The subaccount's MW amount of IBM purchases impacting MLRLO at the specified location. The hourly value will be shown for each 15-minute interval. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The subaccount's MW amount of IBM sales impacting MLRLO at the specified location. The hourly value will be shown for each 15-minute interval. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The subaccount's sum of the Real Time Load Obligation for Charge Allocation plus the Real Time Internal Bilateral For Market Purchases Impacting MLRLO plus the Real Time Internal Bilateral For Market Sales Impacting MLRLO plus the Day-Ahead IBM purchases impacting MLRLO plus the Day-Ahead IBM sales impacting MLRLO at the specified location. |

SR_RTLOCSUM Change Summary**Effective
Date**

| SR_RTLOCSUM Change Summary | Effective Date |
|---|----------------|
| Modified. In “Customer Section” and “Subaccount Section” added “DRR Aggregation Zone” to “Location Type”. Updated description for “Adjusted Net Interchange Deviation”. Added columns for “Real Time Demand Reduction Obligation”, “Real Time Load Obligation for Demand Reduction Allocation”, “Demand Reduction Obligation Deviation”, “Real Time Demand Reduction Credit”, and “Real Time Demand Reduction Charge”. In the “Subaccount Section”, modified descriptions for “Revenue Metered Generation”, “Scheduled Imports”, “Revenue Metered Load”, “Internal Bilateral For Load”, “Real Time Internal Bilateral For Market Purchases” and “Real Time Internal Bilateral For Market Sales”. | 06.01.2018 |
| Modified. In “Customer Section” and “Subaccount Section”: removed outdated effective dating references from column descriptions; also modified description of “Revenue Metered Generation”, “Scheduled Imports”, “Real Time Generation Obligation”, “Revenue Metered Load”, “Scheduled Exports”, “Internal Bilateral For Load”, “Real Time Internal Bilateral For Market Purchases”, “Real Time Internal Bilateral For Market Sales”, “Adjusted Net Interchange Deviation”, “Real Time Energy Charge/Credit”, “Real Time Congestion Charge/Credit”, and “Real Time Loss Charge/Credit”. Update: The “15-Minute CTS Location Section” and “Subaccount Section – CTS Location” will not be removed; however the columns will not be populated with data for settlements beginning March 1, 2017. | 03.01.2017 |
| Modified. In “Customer Section”: modified description of “Real Time Energy Charge/Credit”, “Real Time Congestion Charge/Credit”, “Real Time Loss Charge/Credit”, and “Marginal Loss Revenue Load Obligation (MLRLO)”; added new columns “Real Time Generation Obligation for Charge Allocation”, “Real Time Load Obligation for Charge Allocation”, and “Real Time Adjusted Net Interchange for Charge Allocation”. In “Subaccount Section”: modified description of “Marginal Loss Revenue Load Obligation (MLRLO)”; added new columns “Real Time Generation Obligation for Charge Allocation”, “Real Time Load Obligation for Charge Allocation”, and “Real Time Adjusted Net Interchange for Charge Allocation”. Added new sections; “15-Minute CTS Location” and “Subaccount Section – CTS Location”. Update: In both the “Customer Section” and the “Subaccount Section” the column heading “Schedule Imports” was changed to “Scheduled Imports”. | 12.15.2015 |
| Modified. Added new "Subaccount" section. | 06.13.2014 |
| Modified. New columns "Real Time Internal Bilateral For Market Purchases Impacting MLRLO", "Real Time Internal Bilateral For Market Sales Impacting MLRLO", and "Marginal Loss Revenue Load Obligation (MLRLO)", following existing column "Real Time Loss Charge/Credit", will be reported blank for any resettlement of operating day prior to January 1, 2011. | 01.01.2011 |

SR_RTLOCSUMSUB – Real Time Energy Market Locational Subaccount Summary Report – Rev 0

SR_RTLOCSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• LOAD ZONE• NETWORK NODE• HUB• DRR AGGREGATION ZONE |
| Revenue Metered Generation | The sum of the subaccount's subhourly Revenue Metered Generation values in the hour, divided by 12. |
| Scheduled Imports | The sum of the subaccount's subhourly Scheduled Imports values in the hour, divided by 12. |
| Real Time Generation Obligation | The subaccount's Revenue Metered Generation plus Scheduled Imports at the location. |
| Revenue Metered Load | The sum of the subaccount's subhourly Revenue Metered Load values in the hour, divided by 12. |
| Scheduled Exports | The subaccount's Scheduled Exports at the location. |
| Internal Bilateral For Load | The sum of the subaccount's subhourly IBL net MW values in the hour, divided by 12. |
| Real Time Load Obligation | The subaccount's sum of Revenue Metered Load, Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The sum of the subaccount's subhourly RT IBM purchases in the hour, divided by 12. |
| Real Time Internal Bilateral For Market Sales | The sum of the subaccount's subhourly RT IBM sales in the hour, divided by 12. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM Purchases, RT IBM Sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | The subaccount's Real Time Generation Obligation plus the Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | The subaccount's difference in MW between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |

SR_RTLOCSUMSUB – Real Time Energy Market Locational Subaccount Summary Report – Rev 0

SR_RTLOCSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge / Credit | As of March 1, 2017, the subaccount's share of the sum of the subhourly Real Time Energy Charge/Credit values for the Trading Interval. Prior to March 1, 2017, the subaccount's Locational Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component. |
| Real Time Congestion Charge / Credit | As of March 1, 2017, the subaccount's share of the sum of the subhourly Real Time Congestion Charge/Credit values for the Trading Interval. Prior to March 1, 2017, the subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component. |
| Real Time Loss Charge / Credit | As of March 1, 2017, the sum of the subaccount's share of the subhourly Real Time Loss Charge/Credit values for the Trading Interval. Prior to March 1, 2017, the subaccount's Locational Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The subaccount's MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The subaccount's MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The subaccount's sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's Real Time Generation Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Load Obligation for Charge Allocation | The subaccount's Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the subaccount's subhourly Demand Reduction Obligation at the specified location. |
| Real Time Load Obligation for Demand Reduction Allocation | The sum of the subaccount's subhourly Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation | The sum of the subaccount's subhourly Demand Reduction Obligation |

SR_RTLOCSUMSUB – Real Time Energy Market Locational Subaccount Summary Report – Rev 0

SR_RTLOCSUMSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------------|--|
| Deviation | Deviation at the specified location. |
| Real Time Demand Reduction Credit | The sum of the subaccount's subhourly Real Time Demand Reduction Credit at the specified location. |
| Real Time Demand Reduction Charge | The pool total of the Real Time Demand Reduction Credits for the hour multiplied by the subaccount's prorata share of the Pool Real Time Load Obligation for Demand Reduction Allocation for the hour at the specified location. |

| SR_RTLOCSUMSUB Change Summary | Effective Date |
|-------------------------------|----------------|
| New. | 04.01.2020 |

SR_RTLOCSUM5MIN – Real Time Energy Market Five Minute Locational Summary Report – Rev 1

SR_RTLOCSUM5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Customer Section | |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none">• ‘LOAD ZONE’• ‘NETWORK NODE’• ‘HUB’• ‘DRR AGGREGATION ZONE’ |
| Revenue Metered Generation | The customer’s share of Energy Quantity for generation at the location. |
| Scheduled Imports | The customer’s Imports at the location. |
| Real Time Generation Obligation | Revenue Metered Generation plus Scheduled Imports at the location. |
| Revenue Metered Load | The customer’s share of Energy Quantity for load at the location. |
| Scheduled Exports | The customer’s exports at the location. |
| Internal Bilateral For Load | <p>The sum of the customer’s IBL purchases, plus the sum of the customer’s IBL sales at the location.</p> <p>A bilateral transaction under which the buyer receives a reduction in Real Time Load Obligation and the seller receives a corresponding increase in Real Time Load Obligation in the amount of the sale.</p> <p>An Internal Bilateral for Load is only applicable in the Real Time energy market.</p> |
| Real Time Load Obligation | The sum of Revenue Metered Load, Scheduled Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The MW amount of RT IBM purchases at the specified location. |
| Real Time Internal Bilateral For Market Sales | The MW amount of RT IBM sales at the specified location. |
| Real Time Adjusted Load Obligation | The sum of RT Load Obligation, RT IBM purchases, RT IBM sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | Real Time Generation Obligation plus the Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | The MW difference between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |

| SR_RTLOCSUM5MIN – Real Time Energy Market Five Minute Locational Summary Report – Rev 1 SR_RTLOCSUM5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge/Credit | Adjusted Net Interchange Deviation multiplied by Real Time Energy Component, divided by 12. |
| Real Time Congestion Charge/Credit | Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component, divided by 12. |
| Real Time Loss Charge/Credit | Adjusted Net Interchange Deviation multiplied by Real Time Loss Component, divided by 12. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The customer's total Real Time Generation Obligation excluding obligation from Coordinated External Transactions at the specified location. |
| Real Time Load Obligation for Charge Allocation | The customer's total Real Time Load Obligation excluding obligation from Coordinated External Transactions at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The customer's total Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the customer's Energy Quantity Net Supply and Energy Quantity Reduction adjusted for average avoided peak distribution losses, for each Demand Response Resource at the specified location |
| Real Time Load Obligation for Demand Reduction Allocation | The customer's Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation Deviation | The customer's difference in MW between the Real Time Demand Reduction Obligation and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Demand Reduction Credit | The customer's Real Time Demand Reduction Obligation Deviation multiplied by the Real Time locational marginal price, divided by 12 at the specified location. |
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |

SR_RTLOCSUM5MIN – Real Time Energy Market Five Minute Locational Summary Report – Rev 1
SR_RTLOCSUM5MIN_<customer id>_<settlement date>_<version>.CSV
<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • 'LOAD ZONE' • 'NETWORK NODE' • 'HUB' • 'DRR AGGREGATION ZONE' |
| Revenue Metered Generation | The subaccount's share of Revenue Metered Generation at the location. |
| Scheduled Imports | The subaccount's Scheduled Imports at the location. |
| Real Time Generation Obligation | The subaccount Revenue Metered Generation plus Scheduled Imports at the location. |
| Revenue Metered Load | The subaccount's share of Revenue Metered Load at the location. |
| Scheduled Exports | The subaccount's Scheduled Exports at the location. |
| Internal Bilateral For Load | The subaccount's net MW amount of location IBLs. |
| Real Time Load Obligation | The subaccount's sum of Revenue Metered Load, Scheduled Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The subaccount's MW amount of IBM purchases at the specified location. |
| Real Time Internal Bilateral For Market Sales | The subaccount's MW amount of IBM sales at the specified location. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM Purchases, RT IBM Sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | The subaccount's sum of Real Time Generation Obligation and Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | The subaccount's MW difference between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component, divided by 12. |
| Real Time Congestion Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component, divided by 12. |
| Real Time Loss Charge/Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component, divided by 12. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The subaccount's MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The subaccount's MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The subaccount's share of the sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and |

| SR_RTLOCSUM5MIN – Real Time Energy Market Five Minute Locational Summary Report – Rev 1 SR_RTLOCSUM5MIN_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Participants and Transmission Customers with Real Time Locational Settlements | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| | Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's Real Time Generation Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Load Obligation for Charge Allocation | The subaccount's Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the subaccount's Energy Quantity Net Supply and Energy Quantity Reduction adjusted for average avoided peak distribution losses, for each Demand Response Resource at the specified location. |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation Deviation | The subaccount's difference in MW between the Real Time Demand Reduction Obligation and the Day-Ahead Demand Reduction Obligation at the specified location. |
| Real Time Demand Reduction Credit | The subaccount's Real Time Demand Reduction Obligation Deviation multiplied by the Real Time locational marginal price, divided by 12 at the specified location. |

| SR_RTLOCSUM5MIN Change Summary | Effective Date |
|---|----------------|
| Modified. In "Customer Section" and "Subaccount Section": added "DRR Aggregation Zone" to "Location Type". Updated description for "Adjusted Net Interchange Deviation". Added columns for "Real Time Demand Reduction Obligation", "Real Time Load Obligation for Demand Reduction Allocation", "Demand Reduction Obligation Deviation", and "Real Time Demand Reduction Credit". | 06.01.2018 |
| New | 03.01.2017 |

SR_RTLOCSUM5MINSUB – Real Time Energy Market Five Minute Locational Subaccount Summary Report – Rev 0

SR_RTLOCSUM5MINSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific five-minute interval for which the information is reported. (For daylight-saving crossover days: the long day extra hour = hh:mmX, the short day removes intervals from 01:00 to 01:55.) |
| Hour End | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | The location identification number. |
| Location Name | The location name. |
| Location Type | <ul style="list-style-type: none"> • LOAD ZONE • NETWORK NODE • HUB • DRR AGGREGATION ZONE |
| Revenue Metered Generation | The subaccount's share of Revenue Metered Generation at the location. |
| Scheduled Imports | The subaccount's Scheduled Imports at the location. |
| Real Time Generation Obligation | The subaccount Revenue Metered Generation plus Scheduled Imports at the location. |
| Revenue Metered Load | The subaccount's share of Revenue Metered Load at the location. |
| Scheduled Exports | The subaccount's Scheduled Exports at the location. |
| Internal Bilateral For Load | The subaccount's net MW amount of location IBLs. |
| Real Time Load Obligation | The subaccount's sum of Revenue Metered Load, Scheduled Exports, and Internal Bilateral for Load at the specified location. |
| Real Time Internal Bilateral For Market Purchases | The subaccount's MW amount of IBM purchases at the specified location. |
| Real Time Internal Bilateral For Market Sales | The subaccount's MW amount of IBM sales at the specified location. |
| Real Time Adjusted Load Obligation | The subaccount's sum of RT Load Obligation, RT IBM Purchases, RT IBM Sales, DA IBM purchases, and DA IBM sales at the specified location. |
| Real Time Adjusted Net Interchange | The subaccount's sum of Real Time Generation Obligation and Real Time Adjusted Load Obligation at the specified location. |
| Adjusted Net Interchange Deviation | The subaccount's MW difference between the (1) Real Time Adjusted Net Interchange and (2) the difference between the Day Ahead Adjusted |

SR_RTLOCSUM5MINSUB – Real Time Energy Market Five Minute Locational Subaccount Summary Report – Rev 0

SR_RTLOCSUM5MINSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Participants and Transmission Customers with Real Time Locational Settlements with subaccounts enabled.

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | Net Interchange and the Day Ahead Demand Reduction Obligation at the specified location. |
| Real Time Energy Component | The energy component of the LMP at the specified location. |
| Real Time Congestion Component | The congestion component of the LMP at the specified location. |
| Real Time Marginal Loss Component | The loss component of the LMP at the specified location. |
| Real Time Energy Charge / Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Energy Component, divided by 12. |
| Real Time Congestion Charge / Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Congestion Component, divided by 12. |
| Real Time Loss Charge / Credit | The subaccount's Real Time Adjusted Net Interchange Deviation multiplied by Real Time Loss Component, divided by 12. |
| Real Time Internal Bilateral For Market Purchases Impacting MLRLO | The subaccount's MW amount of IBM purchases impacting MLRLO at the specified location. |
| Real Time Internal Bilateral For Market Sales Impacting MLRLO | The subaccount's MW amount of IBM sales impacting MLRLO at the specified location. |
| Marginal Loss Revenue Load Obligation (MLRLO) | The subaccount's share of the sum of Real Time Load Obligation for Charge Allocation, Real Time Internal Bilateral For Market Purchases Impacting MLRLO, Real Time Internal Bilateral For Market Sales Impacting MLRLO, Day-Ahead IBM purchases impacting MLRLO, and Day-Ahead IBM sales impacting MLRLO at the specified location. |
| Real Time Generation Obligation for Charge Allocation | The subaccount's Real Time Generation Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Load Obligation for Charge Allocation | The subaccount's Real Time Load Obligation excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Adjusted Net Interchange for Charge Allocation | The subaccount's Real Time Adjusted Net Interchange excluding obligation from Coordinated External Transactions, at the specified location. |
| Real Time Demand Reduction Obligation | The sum of the subaccount's Energy Quantity Net Supply and Energy Quantity Reduction adjusted for average avoided peak distribution losses, for each Demand Response Resource at the specified location. |
| Real Time Load Obligation for Demand Reduction Allocation | The subaccount's Real Time Load Obligation, excluding Real Time Load Obligation incurred at all External Nodes, and excluding Real Time Load Obligation incurred by DARD pumps at the specified location. |
| Demand Reduction Obligation Deviation | The subaccount's difference in MW between the Real Time Demand Reduction Obligation and the Day-Ahead Demand Reduction Obligation at the specified location. |
| Real Time Demand Reduction Credit | The subaccount's Real Time Demand Reduction Obligation Deviation multiplied by the Real Time locational marginal price, divided by 12 at the specified location. |

| SR_RTLOCSUM5MINSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 04.01.2020 |

| SR_RTNCPCSTL – Real Time NCPC Settlement Report – <i>RETIRED</i> SR_RTNCPCSTL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Section 1 – NCPC Daily Charges | |
| Total Real Time Economic NCPC Credits | Sum of Real Time Economic Generation Credits plus Sum of Real Time Economic Transaction Purchase & Sale Credits. |
| Participant Real Time Increment and Import Deviation | <p>Absolute Value of (Participant's Real Time Increment & Import minus Day Ahead Increment & Import) minus ISO-NE Curtailed Cleared Real Time Purchase Transaction MW.</p> <p>For market dates beginning October 1, 2006 and following, this column will not be reported.</p> |
| Participant Real Time NCPC Load Obligation Deviation | Daily sum of the hourly Absolute Values of (Participant's Real Time Load Obligation minus DA Load Obligation minus Participant Asset Related Demand Deviation Adjustment MW minus ISO-NE Curtailed Cleared Real Time Sale Transaction MW). |
| Participant Real Time Generation Deviation | Absolute value (Self Scheduled units Generation deviation plus Real Time Not Following Dispatch Generation Deviation). |
| Participant Real Time Deviation | Sum of Participants Real Time Increment Deviation plus Participant Real Time NCPC Import Deviation plus Participants Real Time NCPC Load Obligation Deviation plus Participant Generation Deviation. |
| Total Pool Real Time Deviation | Sum of all Participant Real Time Deviation. |
| Participant Real Time Economic NCPC Charges | Real Time Economic Net Commitment Period Compensation credits allocated to Participants based on a pro-rata share of their Real Time deviation. |
| Participant Real Time LSCPR Charge | Real Time LSCPR Credits allocated to Participants based on a pro-rata share of their Daily Real Time Load Obligation in a Reliability Region. |
| Participant Real Time Non-VAR/SCR NCPC Payment | <p>The sum of Participant's Real Time Economic payments plus Participant's Real Time LSCPR payments.</p> <p>This column will be retired effective 4/1/2013.</p> |
| Participant Real Time VAR Payment | The sum of the Participants Real Time VAR. |
| Participant Real Time SCR Payments | <p>The sum of Participant's Real Time SCR payments.</p> <p>This column will be retired effective 4/1/2013.</p> |
| Participant Net Real time Non-VAR/SCR NCPC Settlement | <p>Participant's total Real Time Net Commitment Period Compensation payments less charges, excluding Participant's Real Time Net Commitment Period Compensation VAR and SCR payments and charges.</p> <p>This column will be retired effective 4/1/2013.</p> |
| Participant Real Time Increment Deviation | <p>Daily Sum of Participant Day Ahead Increments. (Note: RT Increments are not allowed)</p> <p>This column will be reported for market dates beginning October 1, 2006.</p> |
| Participant Real Time NCPC Import Deviation | <p>Daily Sum of the hourly Absolute Values of (Participant's Real Time Scheduled Import minus Day Ahead Cleared Imports minus ISO-NE Curtailed Real Time Purchase Transaction MW).</p> <p>This column will be reported for market dates beginning October 1,</p> |

SR_RTNCPCSTL – Real Time NCPC Settlement Report – *RETIRED*

SR_RTNCPCSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|--|--|
| | 2006. |
| Participant Real Time SCR NCPC Charges | Real Time SCR Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. This column will be reported for market dates beginning 04/01/2013. |
| Participant Real Time Economic, LSCPR, and SCR NCPC Payment | The sum of Participant's Real Time Economic payments plus Participant's Real Time LSCPR payments plus Participant's Real Time SCR payments. This column will be reported for market dates beginning 04/01/2013. This column will be retired with market dates beginning 9/01/2013. |
| Participant Net Real Time Economic, LSCPR, and SCR NCPC Settlement | Participant's total Real Time Net Commitment Period Compensation payments less charges, excluding Participant's Real Time Net Commitment Period Compensation VAR payments and charges. This column will be reported for market dates beginning 04/01/2013. This column will be retired with market dates beginning 9/01/2013. |
| Participant Daily Real Time Load Obligation | Daily sum of Participant's Real Time Load Obligation over all locations for all hours of the day. This column will be reported for market dates beginning 09/01/2013. |
| Generator Performance Audit DARD Daily Real Time Load Obligation Reduction | Daily sum of Participant's Real Time Load Obligation related to Dispatchable Asset Related Demand Resources of type "Pump Storage". This value is used to reduce the Participant Daily Real Time Load Obligation used to allocate charges associated with Real Time Generator Performance Audit NCPC credits. This column will be reported for market dates beginning 09/01/2013. |
| Participant Generator Performance Audit Charge Real Time Load Obligation | Participant Daily Real Time Load Obligation plus Generator Performance Audit DARD Daily Real Time Load Obligation Reduction. This value is the allocator used to calculate charges associated to the Real Time Generator Performance Audit NCPC credits. This column will be reported for market dates beginning 09/01/2013. |
| Pool Generator Performance Audit Charge Real Time Load Obligation | The pool daily sum of Participant Generator Performance Audit Charge Real Time Load Obligation. This column will be reported for market dates beginning 09/01/2013. |
| Pool Real Time Generator Performance Audit NCPC Credits | The pool daily sum of Real Time Generator Performance Audit NCPC Credits. This column will be reported for market dates beginning 09/01/2013. |
| Participant Real Time Generator Performance Audit NCPC Charge | Pool Real Time Generator Performance Audit credits allocated to Participants based on a pro-rata share of their Generator Performance Audit Charge Real Time Load Obligation. This column will be reported for market dates beginning 09/01/2013. |

| SR_RTNCPCSTL – Real Time NCPC Settlement Report – <i>RETIRED</i> SR_RTNCPCSTL_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Participant Real Time Economic, LSCPR, SCR and Generator Performance Audit NCPC Payment | The sum of Participant's Real Time Economic payments plus Participant's Real Time LSCPR payments plus Participant's Real Time SCR payments plus Participant's Real Time Generator Performance Audit NCPC Payment. This column will be reported for market dates beginning 09/01/2013. |
| Participant Net Real Time Economic, LSCPR, SCR and Generator Performance Audit NCPC Settlement | Participant's total Real Time Net Commitment Period Compensation payments less charges, excluding Participant's Real Time Net Commitment Period Compensation VAR payments and charges. This column will be reported for market dates beginning 09/01/2013. |
| Section 2 – NCPC Hourly Charge Details This section will be reported for market dates beginning 04/01/2013 | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Participant Real Time Load Obligation Deviation | Participant's Real Time Load Obligation minus DA Load Obligation as calculated in the Real-Time Energy market settlement. |
| Participant Asset Related Demand Deviation Adjustment MW | Participant's share of Real Time MW minus Day Ahead Cleared MW for Dispatchable Asset Related Demand Resources operating in accordance with ISO's instructions. |
| Participant ISO-NE Curtailed Real Time Sale MW | Participant's Real Time Scheduled Export minus Day Ahead Cleared Exports for ISO-NE Curtailed Real-Time Sale Transaction MW. |
| Participant Real Time NCPC Load Obligation Deviation | Hourly Absolute Value of Participant's Real Time Load Obligation minus DA Load Obligation minus Participant Asset Related Demand Deviation Adjustment MW minus ISO-NE Curtailed Cleared Real Time Sale Transaction MW for the hour. |
| Participant Real Time Import Deviation | Participant's Real Time Scheduled Import minus Day Ahead Cleared Imports as calculated in the Real-Time Energy market settlement. |
| Participant ISO-NE Curtailed Real Time Purchase MW | Participant's Real Time Scheduled Import minus Day Ahead Cleared Imports for ISO-NE Curtailed Real-Time Purchase Transaction MW. |
| Participant Real Time NCPC Import Deviation | Hourly Absolute Value of Participant's Real Time Scheduled Import minus Day Ahead Cleared Imports minus ISO-NE Curtailed Real Time Purchase Transaction MW. |
| Section 3 – ASSET SCR CHARGES This section will be reported for market dates beginning 04/01/2013 | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset Id | Numerical identifier for the asset |
| Asset Name | Name of the asset |

SR_RTNCPCSTL – Real Time NCPC Settlement Report – *RETIRED*

SR_RTNCPCSTL_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily between 16:15 and 18:15 or on-demand by Settlement need.

| REPORT COLUMN | DESCRIPTION |
|---------------------------------------|--|
| Participant Real Time SCR NCPC Charge | Real Time SCR Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |

| SR_RTNCPCSTL Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. In the NCPC Daily Charges section, new columns "Participant Daily Real Time Load Obligation", "Generator Performance Audit DARD Daily Real Time Load Obligation Reduction", "Participant Generator Performance Audit Charge Real Time Load Obligation", "Pool Generator Performance Audit Charge Real Time Load Obligation", "Pool Real Time Generator Performance Audit NCPC Credits", "Participant Real Time Generator Performance Audit NCPC Charge", "Participant Real Time Economic, LSCPR, SCR and Generator Performance Audit NCPC Payment", and "Participant Net Real Time Economic, LSCPR, SCR and Generator Performance Audit NCPC Settlement" have been added. Columns "Participant Real Time Economic, LSCPR, and SCR NCPC Payment" and "Participant Net Real Time Economic, LSCPR, and SCR NCPC Settlement" are retired but will show up for resettlements prior to 09/01/2013. | 09.01.2013 |
| Modified. On the NCPC Daily Settlement tab, new columns "Participant Real Time SCR NCPC Charges", "Participant Real Time Economic, LSCPR, and SCR NCPC Payment" and "Participant Net Real Time Economic, LSCPR, and SCR NCPC Settlement" have been added. Columns "Participant Real Time Non-VAR/SCR NCPC Payment", "Participant Real Time SCR Payments" and "Participant Net Real Time Non-VAR/SCR NCPC Settlement" are retired but will show up for resettlements through 4/1/2013. Two new sections have been added, "NCPC Hourly Charge Details" and "Asset SCR Changes". | 04.01.2013 |
| Existing. Renamed the column "Participant Real Time RMR Charge" to "Participant Real Time LSCPR Charge". Modified the description of the columns "Participant Real Time LSCPR Charge" and "Participant Real Time Non-VAR/SCR NCPC Payment" | 02.11.2009 |

SR_RTNCPCSTLMNTSUM – RT NCPC Settlement Summary – Rev 8

SR_RTNCPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| NCPC Daily Settlement Section | |
| Participant Real-Time Economic NCPC Charge | The sum of the Pool Real-Time Economic Credits allocated to participant based on its pro-rata share of Pool Real-Time Deviations and Participant Daily Net Reallocation Credit/Charge. |
| Participant Real-Time LSCPR NCPC Charge | Pool Real-Time LSCPR NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time LSCPR NCPC Load Obligation in a Reliability Region(s). |
| Participant Real-Time SCR NCPC Charge | Real-Time SCR NCPC credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |
| Participant Real-Time Generator Performance Audit NCPC Charge | Pool Real-Time Generator, Dispatchable Asset Related Demand and Demand Response Resource Performance Audit NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time Generator Performance Audit NCPC Load Obligation. |
| Participant Real-Time Minimum Generation Emergency NCPC Charge | Pool Minimum Generation Emergency NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time NCPC Generation Obligation and positive Real-Time Demand Reduction Obligation. |
| Participant Real-Time Posturing NCPC Charge | Pool Posturing NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time Postured NCPC Load Obligation. |
| Participant Real-Time Non-VAR NCPC Charge | The sum of Participant Real-Time Economic NCPC Charge, Participant Real-Time LSCPR NCPC Charge, Participant Real-Time SCR NCPC Charge, Participant Real-Time Generator Performance Audit NCPC Charge, Participant Real-Time Minimum Generation Emergency NCPC Charge, Participant Real-Time Posturing NCPC Charge, Participant Rapid Response Pricing Opportunity Cost NCPC Charge and Participant Dispatch Lost Opportunity Cost NCPC Charge. |
| Participant Real-Time Economic NCPC Credit | The total of the participant's Real-Time Economic NCPC Credits for Generators, Dispatchable Asset Related Demand, Demand Response Resources and External Transactions. |
| Participant Real-Time LSCPR NCPC Credit | The total of the participant's Real-Time LSCPR NCPC Credits for Generators, Demand Response Resources and External Transactions. |
| Participant Real-Time SCR NCPC Credit | The total of the participant's Real-Time SCR NCPC Credits for Generators and Demand Response Resources. |
| Participant Real-Time Generator Performance Audit NCPC Credit | The total of the participant's Real-Time generator performance audit NCPC Credits for Generators, Dispatchable Asset Related Demand and Demand Response Resources. |
| Participant Real-Time Minimum Generation Emergency NCPC Credit | The total of the participant's Real-Time Minimum Generation Emergency NCPC Credits for Generators and Demand Response Resources. |
| Participant Real-Time Posturing NCPC Credit | The total of the participant's Real-Time posturing NCPC Credits for Generators and Dispatchable Asset Related Demand Pumps. |
| Participant Real-Time Non-VAR NCPC Credit | The sum of Participant Real-Time Economic NCPC Credit, Participant Real-Time LSCPR NCPC Credit, Participant Real-Time SCR NCPC Credit, Participant Real-Time Generator Performance Audit NCPC Credit, Participant Real-Time Minimum Generation Emergency Credit, Participant Real-Time Posturing NCPC Credit, Participant Rapid Response Pricing Opportunity Cost NCPC Credit and Participant Dispatch Lost Opportunity Cost NCPC Credit. |

SR_RTNCPCSTLMNTSUM – RT NCPC Settlement Summary – Rev 8

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Participant Net Real-Time Non-VAR NCPC Settlement | The sum of the Participant Real-Time Non-VAR NCPC Charge and Participant Real-Time Non-VAR NCPC Credit. |
| Participant Real-Time LV VAR NCPC Credit | The total of the participant's Real-Time low voltage VAR NCPC Credit for Generators and Dispatchable Asset Related Demand Pumps. |
| Participant Real-Time HV VAR NCPC Credit | The total of the participant's Real-Time high voltage VAR NCPC credit for Generator Assets. |
| Participant Rapid Response Pricing Opportunity Cost NCPC Charge | Pool Participant Rapid Response Pricing Opportunity Cost NCPC Credits allocated to participant based on its pro-rata share of Pool Rapid Response Pricing Opportunity Cost NCPC Load Obligation. |
| Participant Rapid Response Pricing Opportunity Cost NCPC Credit | The total of the participant's Participant Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Participant Dispatch Lost Opportunity Cost NCPC Charge | Pool Participant Dispatch Lost Opportunity Cost NCPC Credits allocated to participant based on its pro-rata share of Pool Dispatch Lost Opportunity Cost NCPC Load Obligation. |
| Participant Dispatch Lost Opportunity Cost NCPC Credit | The total of the participant's Dispatch Lost Opportunity Cost NCPC Credit. |
| Economic Charges Section | |
| Pool Real-Time Economic NCPC Credits | The sum of all Real-Time NCPC Credits for assets flagged as economic for the day. |
| Participant Real-Time NCPC Load Obligation Deviation | The total of the Participant Real-Time Load Obligation Deviation less Participant Dispatchable Asset Related Demand Deviation Adjustment MW and Participant Real-Time Export Deviation Reduction MW for the day. |
| Participant Real-Time Generation Deviation | The total of the participant's Real-Time self-scheduled and not following dispatch Generator deviations for the day. |
| Participant Real-Time Increment Deviation | The total of the participant's Real-Time deviations for Increment Offers for the day. |
| Participant Real-Time NCPC Import Deviation | The total of the Participant's Real-Time Import Deviations less the Participant Real-Time Import Deviation Reduction MW. |
| Participant Real-Time Deviation | The sum of Participant Real-Time NCPC Load Obligation Deviation, Participant Real-Time Generation Deviation, Participant Real-Time Increment Deviation, Participant Real-Time NCPC Import Deviation and Participant Real-Time Demand Reduction Resource Deviation for the day. |
| Pool Real-Time Deviation | The sum of all participants' Real-Time Deviations for the day. |
| Participant Real-Time Economic NCPC Charge | The sum of the Pool Real-Time Economic NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time Deviation and Participant Daily Net Reallocation Credit/Charge. |
| Participant Demand Reduction Deviation | The total of the participant's not following dispatch demand reduction deviations for the day. |
| Economic Hourly Charge Details Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Participant Real-Time Load Obligation Deviation | The total of the participant's Real-Time Energy Load Obligation deviations for the Trading Interval. |
| Participant Dispatchable Asset Related Demand Deviation Adjustment MW | The total of the participant's share of Real-Time Dispatchable Asset Related Demand deviation for the Trading Interval. |

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|---|---|
| REPORT COLUMN | DESCRIPTION |
| Participant ISO-NE Curtailed Real-Time Sale MW | This column will be reported as NULL. |
| Participant Real-Time NCPC Load Obligation Deviation | The absolute value of the total of Participant's Real-Time Load Obligation Deviation, less Participant Dispatchable Asset Related Demand Deviation Adjustment MW and Participant Real-Time Export Deviation Reduction MW, for the Trading Interval. |
| Participant Real-Time Import Deviation | The total of the participant's Real-Time Import deviations for the Trading Interval. |
| Participant ISO-NE Curtailed Real-Time Purchase MW | This column will be reported as NULL. |
| Participant Real-Time NCPC Import Deviation | The absolute value of the total of Participant Real-Time Import Deviation less Participant Real-Time Import Deviation Reduction MW, for the Trading Interval. |
| Participant Real-Time Export Deviation Reduction MW | The total of the participant's Export Deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations, which in total are excluded from the Participant Real-Time NCPC Load Obligation Deviation. |
| Participant Real-Time Import Deviation Reduction MW | The total of the participant's Import Deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations, which in total are excluded from Participant Real-Time NCPC Import Deviations. |
| LSCPR Charges Section | |
| Reliability Region | Reliability Region identification number. |
| Pool Real-Time LSCPR NCPC Credits | The sum of all Real-Time NCPC Credits for assets flagged for LSCPR in the Reliability Region for the day. |
| Participant Real-Time Load Obligation | This column will be reported as NULL. |
| Participant Real-Time External Sale Load Obligation MW | The sum of the participant's external sale MWs at an External Node mapped to the Reliability Region for the day. |
| Participant Real-Time Dispatchable ARD Load Obligation Reduction MW | The total reduction to a participant's daily Real-Time Load Obligation in a Reliability Region related to Dispatchable Asset Related Demand resources. |
| Participant Real-Time LSCPR NCPC Load Obligation | The sum of Participant Real-Time Load Obligation for Charge Allocation, Participant Real-Time External Sale Load Obligation MW and Participant Real-Time Dispatchable ARD Load Obligation Reduction MW for the day. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all participants' Real-Time LSCPR NCPC Load Obligation in the Reliability Region. |
| Participant Real-Time LSCPR NCPC Charge | Pool Real-Time LSCPR NCPC Credits for the Reliability Region allocated to participant based on its pro-rata share of the Pool Real-Time LSCPR NCPC Load Obligation. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation within the Reliability Region excluding contributions from Coordinated External Transactions. |
| Asset SCR Charges Section | |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Subaccount ID | The alpha numeric identifier of the default subaccount for the customer receiving the charge. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Participant Real-Time SCR NCPC Charge | Real-Time SCR NCPC Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |
| Performance Audit Charge Section | |
| Pool Real-Time Generator Performance Audit NCPC Credits | The sum of all Real-Time NCPC Credits for assets performing an audit during the day |
| Participant Real-Time Load Obligation | This column will be reported as NULL. |
| Participant Real-Time Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a Participant's Real-Time Load Obligation for Charge Allocation related to Dispatchable Asset Related Demand resources. |
| Participant Real-Time Generator Performance Audit NCPC Load Obligation | The sum of Participant Real-Time Load Obligation for Charge Allocation and Participant Real-Time Dispatchable ARD Load Obligation Reduction MW. |
| Pool Real-Time Generator Performance Audit NCPC Load Obligation | The sum of all Participants' Real-Time Generator Performance Audit NCPC Load Obligation. |
| Participant Real-Time Generator Performance Audit NCPC Charge | Pool Real-Time Generator Performance Audit NCPC Credits allocated to the participant based on its pro-rata share of Pool Real-Time Generator Performance Audit Load Obligation. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation at all locations excluding contributions from Coordinated External Transactions. |
| Min Gen Emergency Charges Section This section is not be reported | |
| Pool Minimum Generation Emergency NCPC Credits | This section is not reported. |
| Participant Real-Time Generation Obligation | This section is not reported. |
| Participant Real-Time Exempt Generation Obligation | This section is not reported. |
| Participant Real-Time NCPC Generation Obligation | This section is not reported. |
| Pool Real-Time NCPC Generation Obligation | This section is not reported. |
| Participant Real-Time Minimum Generation Emergency NCPC Charge | This section is not reported. |
| Participant Real-Time Generation Obligation for Charge Allocation | This section is not reported. |
| Participant Positive Real-Time Demand Reduction Obligation | This section is not reported. |

| SR_RTNCPCSTLMNTSUM – RT NCPC Settlement Summary – Rev 8 SR_RTNCPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Participant Real-Time Exempt Demand Reduction Obligation | This section is not reported. |
| Participant Real-Time NCPC Demand Reduction Obligation | This section is not reported. |
| Pool Real-Time NCPC Demand Reduction Obligation | This section is not reported. |
| Posturing Charges Section | |
| Pool Posturing NCPC Credits | The sum of all Real-Time posturing NCPC Credits for the day. |
| Participant Real-Time Load Obligation | This column will be reported as NULL. |
| Participant Dispatchable ARD MW | The sum of the participant's Dispatchable ARD MW for the day. |
| Participant Real-Time Postured NCPC Load Obligation | The sum of the Participant Real-Time Load Obligation for Charge Allocation and Participant Dispatchable ARD MW. |
| Pool Real-Time Postured NCPC Load Obligation | The sum of all participants' Real-Time Postured NCPC Load Obligation. |
| Participant Real-Time Posturing NCPC Charge | Pool Posturing NCPC Credits allocated to participant based on its pro-rata share of Pool Real-Time Postured NCPC Load Obligation. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation at all locations excluding contributions from Coordinated External Transactions. |
| Rapid Response Pricing Opportunity Cost Charge Section | |
| Pool Rapid Response Pricing Opportunity Cost NCPC Credits | The sum of all Rapid Response Pricing Opportunity Cost NCPC Credits during the day. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation at all locations excluding contributions from Coordinated External Transactions. |
| Participant Real-Time Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a Participant's Real-Time Load Obligation for Charge Allocation related to Dispatchable Asset Related Demand resources. |
| Participant Rapid Response Pricing Opportunity Cost NCPC Load Obligation | The sum of Participant Real-Time Load Obligation for Charge Allocation and Participant Real-Time Dispatchable ARD Load Obligation Reduction MW. |
| Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation | The sum of all Participants' Rapid Response Pricing Opportunity Cost NCPC Load Obligation. |
| Participant Rapid Response Pricing Opportunity Cost NCPC Charge | Pool Rapid Response Pricing Opportunity Cost NCPC Credits allocated to the participant based on its pro-rata share of Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation. |
| Dispatch Lost Opportunity Cost Charge Section | |
| Pool Dispatch Lost Opportunity Cost NCPC Credits | The sum of all Dispatch Lost Opportunity Cost NCPC Credits during the day. |
| Participant Real-Time Load Obligation for Charge Allocation | The daily sum of the participant's hourly Real-Time Load Obligation at all locations excluding contributions from Coordinated External Transactions. |
| Participant Real-Time Dispatchable ARD Load Obligation Reduction MW | The total daily reduction to a Participant's Real-Time Load Obligation for Charge Allocation related to Dispatchable Asset Related Demand resources. |

SR_RTNCPCSTLMNTSUM – RT NCPC Settlement Summary – Rev 8

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<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Participant Dispatch Lost Opportunity Cost NCPC Load Obligation | The sum of Participant Real-Time Load Obligation for Charge Allocation and Participant Real-Time Dispatchable ARD Load Obligation Reduction MW. |
| Pool Dispatch Lost Opportunity Cost Load NCPC Obligation | The sum of all Participants' Dispatch Lost Opportunity Cost NCPC Load Obligation. |
| Participant Dispatch Lost Opportunity Cost NCPC Charge | Pool Dispatch Lost Opportunity Cost NCPC Credits allocated to the participant based on its pro-rata share of Pool Dispatch Lost Opportunity Cost Load NCPC Obligation. |
| NCPC Daily Settlement - Subacct Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Real-Time Economic NCPC Charge | Subaccount share of Real-Time Economic NCPC Charge. |
| Real-Time LSCPR NCPC Charge | Subaccount share of Real-Time LSCPR NCPC Charge. |
| Real-Time SCR NCPC Charge | Subaccount share of Real-Time SCR NCPC Charge. |
| Real-Time Generator Performance Audit NCPC Charge | Subaccount share of Real-Time GPA NCPC Charge. |
| Real-Time Minimum Generation Emergency NCPC Charge | Subaccount share of Real-Time MGE NCPC Charge. |
| Real-Time Posturing NCPC Charge | Subaccount share of Real-Time posturing NCPC Charge. |
| Real-Time Non-VAR NCPC Charge | The sum of the Real-Time Economic NCPC Charge, Real-Time LSCPR NCPC Charge, Real-Time SCR NCPC Charge, Real-Time Generator Performance Audit NCPC Charge, Real-Time Minimum Generation Emergency NCPC Charge, Real-Time Posturing NCPC Charge, Rapid Response Pricing Opportunity Cost NCPC Charge and Dispatch Lost Opportunity Cost NCPC Charge for the subaccount. |
| Real-Time Economic NCPC Credit | Subaccount share of Real-Time Economic NCPC Credit. |
| Real-Time LSCPR NCPC Credit | Subaccount share of Real-Time LSCPR NCPC Credit. |
| Real-Time SCR NCPC Credit | Subaccount share of Real-Time SCR NCPC Credit. |
| Real-Time Generator Performance Audit NCPC Credit | Subaccount share of Real-Time GPA NCPC Credit. |
| Real-Time Minimum Generation Emergency NCPC Credit | Subaccount share of Real-Time MGE NCPC Credit. |
| Real-Time Posturing NCPC Credit | Subaccount share of Real-Time Posturing NCPC Credit. |
| Real-Time Non-VAR NCPC Credit | The sum of the Real-Time Economic NCPC Credit, Real-Time LSCPR NCPC Credit, Real-Time SCR NCPC Credit, Real-Time Generator Performance Audit NCPC Credit, Real-Time Minimum Generation Emergency NCPC Credit, Real-Time Posturing NCPC Credit, Rapid Response Pricing Opportunity Cost NCPC Credit and Dispatch Lost Opportunity Cost NCPC Credit for the subaccount. |

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SR_RTNCPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Net Real-Time Non-VAR NCPC Settlement | The sum of the Real-Time Non-VAR NCPC Charge and the Real-Time Non-VAR NCPC Credit for the subaccount. |
| Real-Time LV VAR NCPC Credit | Subaccount share of Real-Time LV VAR NCPC Credit. |
| Real-Time HV VAR NCPC Credit | Subaccount share of Real-Time HV VAR NCPC Credit. |
| Rapid Response Pricing Opportunity Cost NCPC Charge | Subaccount share of Rapid Response Pricing Opportunity Cost NCPC Charge. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | Subaccount share of Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Dispatch Lost Opportunity Cost NCPC Charge | Subaccount share of Dispatch Lost Opportunity Cost NCPC Charge. |
| Dispatch Lost Opportunity Cost NCPC Credit | Subaccount share of Dispatch Lost Opportunity Cost NCPC Credit. |
| Economic Charges-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Real-Time Economic NCPC Credits | The sum of all Real-Time NCPC Credits flagged as economic for the day. |
| Real-Time NCPC Load Obligation Deviation | Subaccount share of Real-Time NCPC Load Obligation deviation. |
| Real-Time Generation Deviation | Subaccount share of Real-Time generation deviation. |
| Real-Time Increment Deviation | Subaccount share of Real-Time increment deviation. |
| Real-Time NCPC Import Deviation | Subaccount share of Real-Time NCPC import deviation. |
| Real-Time Deviation | The sum of the Real-Time NCPC Load Obligation Deviation, Real-Time Generation Deviation, Real-Time Increment Deviation, Real-Time NCPC Import Deviation and Real-Time Demand Reduction Resource Deviation for the subaccount. |
| Pool Real-Time Deviation | The sum of all participants' Real-Time deviations. |
| Real-Time Economic NCPC Deviation Charge | The sum of the Pool Real-Time Economic NCPC Credits allocated to the subaccount based on its pro-rata share of Pool Real-Time Deviation and Subaccount Daily Net Reallocation Credit/Charge. |
| Real-Time Demand Reduction Deviation | Subaccount share of demand reduction deviation for the day. |
| Economic Hrly Chrg Dtl-Subacct Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |

| SR_RTNCPCSTLMNTSUM – RT NCPC Settlement Summary – Rev 8 SR_RTNCPCSTLMNTSUM_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Real-Time Load Obligation Deviation | The sum of the differences between Day-Ahead and Real-Time Load Obligations for the subaccount. |
| Dispatchable Asset Related Demand Deviation Adjustment MW | Subaccount share of Dispatchable ARD deviation adjustment MW. |
| ISO-NE Curtailed Real-Time Sale MW | This column will be reported as NULL. |
| Real-Time NCPC Load Obligation Deviation | The absolute value of the total of the Real-Time Load Obligation Deviation, less Dispatchable Asset Related Demand Deviation Adjustment MW and less Real-Time Export Deviation Reduction MW for the subaccount. |
| Total Subaccount Real-Time NCPC Load Obligation Deviation | Sum of the Real-Time NCPC Load Obligation Deviation for all subaccounts for the Trading Interval. |
| Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator | The Real-Time NCPC Load Obligation Deviation divided by the Total Subaccount Real-Time NCPC Load Obligation Deviation. |
| Participant Real-Time NCPC Load Obligation Deviation | Participant NCPC Load Obligation Deviation. |
| Final Real-Time NCPC Load Obligation Deviation | Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator multiplied by the Participant NCPC Load Obligation Deviation. |
| Real-Time Import Deviation | The total of the Real-Time import deviations for the subaccount for the Trading Interval. |
| ISO-NE Curtailed Real-Time Purchase MW | This column will be reported as NULL. |
| Real-Time NCPC Import Deviation | The absolute value of the total Real-Time Import Deviation less the Real-Time Import Deviation Reduction MW for the subaccount. |
| Total Subaccount Real-Time NCPC Import Deviation | Sum of the Real-Time NCPC Import Deviations for all subaccounts for the Trading Interval. |
| Real-Time NCPC Import Deviation Pro-Rata Allocator | The Real-Time NCPC Import Deviation divided by the Total Subaccount Real-Time NCPC Import Deviation. |
| Participant Real-Time NCPC Import Deviation | Participant Real-Time NCPC Import Deviation. |
| Final Real-Time NCPC Import Deviation | Real-Time NCPC Import Deviation Pro-Rata Allocator multiplied by the Participant Real-Time NCPC Import Deviation. |
| Real-Time Export Deviation Reduction MW | The total of the Subaccount Export deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations which in total, are excluded from the Subaccount Real-Time NCPC Load Obligation Deviation. |
| Real-Time Import Deviation Reduction MW | The total of the Subaccount Import deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations which in total, are excluded from Participant Real-Time NCPC Import Deviations. |
| LSCPR Charges - Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Reliability Region | Reliability Region identification number. |
| Pool Real-Time LSCPR NCPC Credits | The sum of all Real-Time NCPC credits for assets flagged for LSCPR for the day. |

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<Customer Name>

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Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|--|
| Real-Time Load Obligation | This column will be reported as NULL. |
| Real-Time External Sale Load Obligation MW | Subaccount share of Real-Time external sale Load Obligation MW. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time Dispatchable ARD Load Obligation reduction MW. |
| Real-Time LSCPR NCPC Load Obligation | The sum of the Real-Time Load Obligation for Charge Allocation, Real-Time External Sale Load Obligation MW and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all Participants' Real-Time LSCPR NCPC Load Obligation for the Reliability Region. |
| Real-Time LSCPR NCPC Charge | Pool Real-Time LSCPR NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Real-Time LSCPR NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of the Real-Time Load Obligation for Charge Allocation. |
| Performance Audit Charge-Subacc Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Real-Time Generator Performance Audit NCPC Credits | The sum of all Real-Time NCPC Credits for assets performing an audit for the day. |
| Real-Time Load Obligation | This column will be reported as NULL. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Real-Time Generator Performance Audit NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time Generator Performance Audit NCPC Load Obligation | The sum of all participants' Real-Time Generator Performance Audit NCPC Load Obligation. |
| Real-Time Generator Performance Audit NCPC Charge | Real-Time Generator Performance Audit NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Real-Time Generator Performance Audit NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Min Gen Emergency Charges-Subac Section | |
| This section is not reported | |
| Subaccount ID | This section is not reported. |
| Subaccount Name | This section is not reported. |
| Pool Minimum Generation Emergency NCPC Credits | This section is not reported. |
| Real-Time Generation Obligation | This section is not reported. |

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Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Real-Time Exempt Generation Obligation | This section is not reported. |
| Real-Time NCPC Generation Obligation | This section is not reported. |
| Pool Real-Time NCPC Generation Obligation | This section is not reported. |
| Real-Time Minimum Generation Emergency NCPC Charge | This section is not reported. |
| Real-Time Generation Obligation for Charge Allocation | This section is not reported. |
| Positive Real-Time Demand Reduction Obligation Pro-Rata Share Allocator | This section is not reported. |
| Positive Real-Time Demand Reduction Obligation | This section is not reported. |
| Real-Time Exempt Demand Reduction Obligation | This section is not reported. |
| Real-Time NCPC Demand Reduction Obligation | This section is not reported. |
| Pool Real-Time NCPC Demand Reduction Obligation | This section is not reported. |
| Posturing Charges – Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Posturing NCPC Credits | The sum of all Real-Time posturing NCPC Credits for the day. |
| Real-Time Load Obligation | This column will be reported as NULL. |
| Dispatchable ARD MW | The subaccount share of Dispatchable ARD MW. |
| Real-Time Postured NCPC Load Obligation | The sum of the Real-Time Load Obligation for Charge Allocation and the Dispatchable ARD MW for the subaccount. |
| Pool Real-Time Postured NCPC Load Obligation | The sum of all participants' Real-Time Postured NCPC Load Obligation. |
| Real-Time Posturing NCPC Charge | Pool Posturing NCPC Credits allocated to the subaccount pro-rata based on its share of Pool Real-Time Postured NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Rapid Response Pricing Opportunity Cost Charge-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Rapid Response Pricing Opportunity Cost NCPC Credits | The sum of all Rapid Response Pricing Opportunity Cost NCPC Credits during the day. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |

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Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Rapid Response Pricing Opportunity Cost NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation | The sum of all Participants' Rapid Response Pricing Opportunity Cost NCPC Load Obligation. |
| Rapid Response Pricing Opportunity Cost NCPC Charge | Pool Rapid Response Pricing Opportunity Cost NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation. |
| Dispatch Lost Opportunity Cost Charge-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount. This section shall not be populated with data when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. |
| Pool Dispatch Lost Opportunity Cost NCPC Credits | The sum of all Dispatch Lost Opportunity Cost NCPC Credits during the day. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Dispatch Lost Opportunity Cost NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Dispatch Lost Opportunity Cost Load NCPC Obligation | The sum of all Participants' Dispatch Lost Opportunity Cost NCPC Load Obligation. |
| Dispatch Lost Opportunity Cost NCPC Charge | Pool Dispatch Lost Opportunity Cost NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Dispatch Lost Opportunity Cost Load NCPC Obligation. |
| Hourly Min Gen Emergency Charge Section | |
| This section is not reported | |
| Trading Interval | This section is not reported. |
| Pool Minimum Generation Emergency NCPC Credits | This section is not reported. |
| Participant Real-Time Generation Obligation for Charge Allocation | This section is not reported. |
| Participant Real-Time Exempt Generation Obligation | This section is not reported. |
| Participant Positive Real-Time Demand Reduction Obligation | This section is not reported. |
| Participant Real-Time Exempt Demand Reduction Obligation | This section is not reported. |
| Participant Minimum Generation Emergency Charge Allocation MW | This section is not reported. |
| Pool Minimum Generation Emergency Charge Allocation MW | This section is not reported. |

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|---|-------------------------------|
| REPORT COLUMN | DESCRIPTION |
| Participant Real-Time Minimum Generation Emergency NCPC Charge | This section is not reported. |
| Hourly Min Gen Emergency Charges-Subaccount Section This section is not reported | |
| Subaccount ID | This section is not reported. |
| Subaccount Name | This section is not reported. |
| Trading Interval | This section is not reported. |
| Pool Minimum Generation Emergency NCPC Credits | This section is not reported. |
| Real-Time Generation Obligation for Charge Allocation | This section is not reported. |
| Real-Time Exempt Generation Obligation | This section is not reported. |
| Positive Real-Time Demand Reduction Obligation | This section is not reported. |
| Real-Time Exempt Demand Reduction Obligation | This section is not reported. |
| Minimum Generation Emergency Charge Allocation MW | This section is not reported. |
| Pool Minimum Generation Emergency Charge Allocation MW | This section is not reported. |
| Real-Time Minimum Generation Emergency NCPC Charge | This section is not reported. |

| SR_RTNCPCSTLMNTSUM Change Summary | Effective Date |
|--|----------------|
| Modified. Removed outdated effective dating references from column descriptions. In the “Posturing Charge Section”: modified description of “Participant Dispatchable ARD MW”. In the “Posturing Charge – Subaccount Section”: modified description of “Dispatchable ARD MW”. | 04.01.2020 |
| Modified. Effective date for changes originally proposed for December 11, 2018 will now be effective on December 18, 2018. | 12.18.2018 |
| Modified. Added new sections: “Hourly Min Gen Emergency Charge Section” and “Hourly Min Gen Emergency Charges-Subaccount Section”. The “Min Gen Emergency Charges Section” and “Min Gen Emergency Charges-Subac Section” will be populated with NULL values for settlements beginning January 1, 2019. | 12.11.2018 |
| Modified. In “NCPC Daily Settlement Section”: modified description of “Participant Real-Time Economic NCPC Charge”, “Participant Real-Time Generator Performance Audit NCPC Charge”, “Participant Real-Time Minimum Generation Emergency NCPC Charge”, “Participant Real-Time Economic NCPC Credit”, “Participant Real-Time LSCPR NCPC Credit”, “Participant Real-Time SCR NCPC Credit”, “Participant Real-Time Generator Performance Audit NCPC Credit”, “Participant Real-Time Minimum Generation Emergency NCPC Credit”, “Participant Real-Time Posturing NCPC Credit”, and “Participant Real-Time LV VAR NCPC Credit”. In “Economic Charges Section”: modified description of “Participant Real-Time Deviation”, and “Participant Real-Time Economic NCPC Charge”; added column “Participant Demand Reduction Deviation”. In “Performance Audit Charge Section”: modified description of “Pool Real-Time Generator Performance Audit NCPC Credits”. In “Min Gen Emergency Charges Section”: modified description of “Participant Real-Time Exempt Generation Obligation”, and “Participant Real-Time Minimum Generation Emergency NCPC Charge”; added columns “Participant Positive Real-Time Demand Reduction Obligation”, “Participant Real-Time Exempt Demand Reduction Obligation”, “Participant Real-Time NCPC Demand Reduction Obligation”, and “Pool Real-Time NCPC Demand Reduction Obligation”. In “Posturing Charges Section”: changed column “Participant Postured Dispatchable ARD MW” to “Participant Dispatchable ARD MW”; modified description of “Participant Real-Time Postured NCPC Load Obligation”. In “Economic Charges-Subaccount Section”: modified description of “Real-Time Deviation”, “Real-Time Economic NCPC Deviation Charge”; added column “Demand Reduction Deviation”. In “LSCPR Charges - Subaccount Section”: modified description of “Pool Real-Time LSCPR NCPC Credits”. In “Performance Audit Charge-Subacc Section”: modified description of “Pool Real-Time Generator Performance Audit NCPC Credits”. In “Min Gen Emergency Charges-Subac Section”: modified description of “Real-Time Minimum Generation Emergency NCPC Charge”; added columns “Positive Real-Time Demand Reduction Obligation Pro-Rata Share Allocator”, “Positive Real-Time Demand Reduction Obligation”, “Real-Time Exempt Demand Reduction Obligation”, “Real-Time NCPC Demand Reduction Obligation”, and “Pool Real-Time NCPC Demand Reduction Obligation”. In “Posturing Charges- Subaccount Section”: changed column “Postured Dispatchable ARD MW” to “Dispatchable ARD MW”; modified description of “Real-Time Postured NCPC Load Obligation”. | 06.01.2018 |
| Modified. The description of “Participant Postured Dispatchable ARD MW” in the “Posturing Charges Section” and “Posturing Charges – Subaccount Section” have been modified. | 03.01.2017 |
| Modified. All sections: removed outdated effective dating references from column descriptions. In “NCPC Daily Settlement Section” and “NCPC Daily Settlement - Subacct Section”: modified descriptions “Participant Real-Time Non-VAR NCPC Charge” and “Participant Real-Time Non-VAR NCPC Credit”; added columns “Participant Rapid Response Pricing Opportunity Cost NCPC Charge”, “Participant Rapid Response Pricing Opportunity Cost NCPC Credit”, “Participant Dispatch Lost Opportunity Cost NCPC Charge”, and “Participant Dispatch Lost Opportunity Cost NCPC Credit”. Added new sections: “Rapid Response Pricing Opportunity Cost Charge Section”, “Dispatch Lost Opportunity Cost Charge Section”, “Rapid Response Pricing Opportunity Cost Charge-Subaccount Section”, and “Dispatch Lost Opportunity Cost Charge-Subaccount Section”. Update to previously posted Draft report description document: the “Rapid Response Pricing Opportunity Cost Charge Section” and “Dispatch Lost Opportunity Cost Charge Section” have been moved out of the Subaccount | 03.01.2017 |

| SR_RTNCPCSTLMNTSUM Change Summary | Effective Date |
|---|----------------|
| sections and listed after the “Posturing Charges Section”. | |
| Modified. In “Economic Charges Section”: modified description of “Participant Real-Time NCPC Load Obligation Deviation” and “Participant Real-Time NCPC Import Deviation”. In “Economic Hourly Charge Details Section”: retired columns “Participant ISO-NE Curtailed Real-Time Sale MW” and “Participant ISO-NE Curtailed Real-Time Purchase MW”; modified description of “Participant Real-Time NCPC Load Obligation Deviation” and “Participant Real-Time NCPC Import Deviation”; added columns “Participant Real-Time Export Deviation Reduction MW” and “Participant Real-Time Import Deviation Reduction MW”. In “LSCPR Charges Section”: retired column “Participant Real-Time Load Obligation”; modified description of “Participant Real-Time LSCPR NCPC Load Obligation”; added column “Participant Real-Time Load Obligation for Charge Allocation”. In “Performance Audit Charge Section”: retired column “Participant Real-Time Load Obligation”; modified description of “Participant Real-Time Dispatchable ARD Load Obligation Reduction MW” and “Participant Real-Time Generator Performance Audit NCPC Load Obligation”; added column “Participant Real-Time Load Obligation for Charge Allocation”. In “Min Gen Emergency Charges Section”: retired column “Participant Real-Time Generation Obligation”; modified description of “Participant Real-Time NCPC Generation Obligation”; added column “Participant Real-Time Generation Obligation for Charge Allocation”. In “Posturing Charges Section”: retired column “Participant Real-Time Load Obligation”; modified description of “Participant Real-Time Postured NCPC Load Obligation”; added column “Participant Real-Time Load Obligation for Charge Allocation”. In “Economic Hrly Chrg Dtl-Subacct Section”: retired columns “ISO-NE Curtailed Real-Time Sale MW” and “ISO-NE Curtailed Real-Time Purchase MW”; modified description of “Real-Time NCPC Load Obligation Deviation” and “Real-Time NCPC Import Deviation”; added columns “Real-Time Export Deviation Reduction MW” and “Real-Time Import Deviation Reduction MW”. In “LSCPR Charges - Subaccount Section”: retired column “Real-Time Load Obligation”; modified description of “Real-Time LSCPR NCPC Load Obligation”; added column “Real-Time Load Obligation for Charge Allocation”. In “Performance Audit Charge-Subacc Section”: retired column “Real-Time Load Obligation”; modified description of “Real-Time Generator Performance Audit NCPC Load Obligation”; added column “Real-Time Load Obligation for Charge Allocation”. In “Min Gen Emergency Charges-Subacc Section”: retired column “Real-Time Generation Obligation”; modified description of “Real-Time NCPC Generation Obligation”; added column “Real-Time Generation Obligation for Charge Allocation”. In “Posturing Charges – Subaccount Section”: retired column “Real-Time Load Obligation”; modified description of “Real-Time Postured NCPC Load Obligation”; added column “Real-Time Load Obligation for Charge Allocation”. | 12.15.2015 |
| Modified. The description of “Subaccount ID” in the Asset SCR Charges Section has been modified. | 12.03.2014 |
| New | 12.03.2014 |

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 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|---|
| NCPC Daily Settlement - Subacct Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Real-Time Economic NCPC Charge | Subaccount share of Real-Time Economic NCPC Charge. |
| Real-Time LSCPR NCPC Charge | Subaccount share of Real-Time LSCPR NCPC Charge. |
| Real-Time SCR NCPC Charge | Subaccount share of Real-Time SCR NCPC Charge. |
| Real-Time Generator Performance Audit NCPC Charge | Subaccount share of Real-Time GPA NCPC Charge. |
| Real-Time Minimum Generation Emergency NCPC Charge | Subaccount share of Real-Time MGE NCPC Charge. |
| Real-Time Posturing NCPC Charge | Subaccount share of Real-Time posturing NCPC Charge. |
| Real-Time Non-VAR NCPC Charge | The sum of the Real-Time Economic NCPC Charge, Real-Time LSCPR NCPC Charge, Real-Time SCR NCPC Charge, Real-Time Generator Performance Audit NCPC Charge, Real-Time Minimum Generation Emergency NCPC Charge, Real-Time Posturing NCPC Charge, Rapid Response Pricing Opportunity Cost NCPC Charge and Dispatch Lost Opportunity Cost NCPC Charge for the subaccount. |
| Real-Time Economic NCPC Credit | Subaccount share of Real-Time Economic NCPC Credit. |
| Real-Time LSCPR NCPC Credit | Subaccount share of Real-Time LSCPR NCPC Credit. |
| Real-Time SCR NCPC Credit | Subaccount share of Real-Time SCR NCPC Credit. |
| Real-Time Generator Performance Audit NCPC Credit | Subaccount share of Real-Time GPA NCPC Credit. |
| Real-Time Minimum Generation Emergency NCPC Credit | Subaccount share of Real-Time MGE NCPC Credit. |
| Real-Time Posturing NCPC Credit | Subaccount share of Real-Time Posturing NCPC Credit. |
| Real-Time Non-VAR NCPC Credit | The sum of the Real-Time Economic NCPC Credit, Real-Time LSCPR NCPC Credit, Real-Time SCR NCPC Credit, Real-Time Generator Performance Audit NCPC Credit, Real-Time Minimum Generation Emergency NCPC Credit, Real-Time Posturing NCPC Credit, Rapid Response Pricing Opportunity Cost NCPC Credit and Dispatch Lost Opportunity Cost NCPC Credit for the subaccount. |
| Net Real-Time Non-VAR NCPC Settlement | The sum of the Real-Time Non-VAR NCPC Charge and the Real-Time Non-VAR NCPC Credit for the subaccount. |
| Real-Time LV VAR NCPC Credit | Subaccount share of Real-Time LV VAR NCPC Credit. |
| Real-Time HV VAR NCPC Credit | Subaccount share of Real-Time HV VAR NCPC Credit. |

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Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Rapid Response Pricing Opportunity Cost NCPC Charge | Subaccount share of Rapid Response Pricing Opportunity Cost NCPC Charge. |
| Rapid Response Pricing Opportunity Cost NCPC Credit | Subaccount share of Rapid Response Pricing Opportunity Cost NCPC Credit. |
| Dispatch Lost Opportunity Cost NCPC Charge | Subaccount share of Dispatch Lost Opportunity Cost NCPC Charge. |
| Dispatch Lost Opportunity Cost NCPC Credit | Subaccount share of Dispatch Lost Opportunity Cost NCPC Credit. |
| Economic Charges-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Real-Time Economic NCPC Credits | The sum of all Real-Time NCPC Credits flagged as economic for the day. |
| Real-Time NCPC Load Obligation Deviation | Subaccount share of Real-Time NCPC Load Obligation deviation. |
| Real-Time Generation Deviation | Subaccount share of Real-Time generation deviation. |
| Real-Time Increment Deviation | Subaccount share of Real-Time increment deviation. |
| Real-Time NCPC Import Deviation | Subaccount share of Real-Time NCPC import deviation. |
| Real-Time Deviation | The sum of the Real-Time NCPC Load Obligation Deviation, Real-Time Generation Deviation, Real-Time Increment Deviation, Real-Time NCPC Import Deviation and Real-Time Demand Reduction Resource Deviation for the subaccount. |
| Pool Real-Time Deviation | The sum of all participants' Real-Time deviations. |
| Real-Time Economic NCPC Charge | The sum of Pool Real-Time Economic NCPC Credits allocated to the subaccount based on its pro-rata share of Pool Real-Time Deviation and Subaccount Daily Net Reallocation Credit/Charge. |
| Real-Time Demand Reduction Deviation | The total of the subaccount's not following dispatch demand reduction deviations for the day. |
| Economic Hrly Chrg Dtl-Subacct Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Real-Time Load Obligation Deviation | The sum of the differences between Day-Ahead and Real-Time Load Obligations for the subaccount. |
| Dispatchable Asset Related Demand Deviation Adjustment MW | Subaccount share of Dispatchable ARD deviation adjustment MW. |
| Real-Time NCPC Load Obligation Deviation | The absolute value of the total of the Real-Time Load Obligation Deviation, less Dispatchable Asset Related Demand Deviation Adjustment MW and less Real-Time Export Deviation Reduction MW |

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Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|---|---|
| | for the subaccount. |
| Total Subaccount Real-Time NCPC Load Obligation Deviation | Sum of the Real-Time NCPC Load Obligation Deviation for all subaccounts for the Trading Interval. |
| Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator | The Real-Time NCPC Load Obligation Deviation divided by the Total Subaccount Real-Time NCPC Load Obligation Deviation. |
| Participant Real-Time NCPC Load Obligation Deviation | Participant NCPC Load Obligation Deviation. |
| Final Real-Time NCPC Load Obligation Deviation | Real-Time NCPC Load Obligation Deviation Pro-Rata Allocator multiplied by the Participant NCPC Load Obligation Deviation. |
| Real-Time Import Deviation | The total of the Real-Time import deviations for the subaccount for the Trading Interval. |
| Real-Time NCPC Import Deviation | The absolute value of the total Real-Time Import Deviation less the Real-Time Import Deviation Reduction MW for the subaccount. |
| Total Subaccount Real-Time NCPC Import Deviation | Sum of the Real-Time NCPC Import Deviations for all subaccounts for the Trading Interval. |
| Real-Time NCPC Import Deviation Pro-Rata Allocator | The Real-Time NCPC Import Deviation divided by the Total Subaccount Real-Time NCPC Import Deviation. |
| Participant Real-Time NCPC Import Deviation | Participant Real-Time NCPC Import Deviation. |
| Final Real-Time NCPC Import Deviation | Real-Time NCPC Import Deviation Pro-Rata Allocator multiplied by the Participant Real-Time NCPC Import Deviation. |
| Real-Time Export Deviation Reduction MW | The total of the Subaccount Export deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations which in total, are excluded from the Subaccount Real-Time NCPC Load Obligation Deviation. |
| Real-Time Import Deviation Reduction MW | The total of the Subaccount Import deviations for the Trading Interval attributable to ISO-NE curtailments at all locations and Coordinated External Transactions at CTS locations which in total, are excluded from Participant Real-Time NCPC Import Deviations. |
| LSCPR Charges - Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Reliability Region | Reliability Region identification number. |
| Pool Real-Time LSCPR NCPC Credits | The sum of all Real-Time NCPC credits for assets flagged for LSCPR for the day. |
| Real-Time External Sale Load Obligation MW | Subaccount share of Real-Time external sale Load Obligation MW. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time Dispatchable ARD Load Obligation reduction MW. |
| Real-Time LSCPR NCPC Load Obligation | The sum of the Real-Time Load Obligation for Charge Allocation, Real-Time External Sale Load Obligation MW and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time LSCPR NCPC Load Obligation | The sum of all Participants' Real-Time LSCPR NCPC Load Obligation for the Reliability Region. |

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|---|--|
| REPORT COLUMN | DESCRIPTION |
| Real-Time LSCPR NCPC Charge | Pool Real-Time LSCPR NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Real-Time LSCPR NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of the Real-Time Load Obligation for Charge Allocation. |
| Asset SCR Charges - Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Real-Time SCR NCPC Charge | Real-Time SCR NCPC Credits allocated to the Transmission Owner or distribution company requesting the SCR commitment. |
| Performance Audit Charge-Subacc Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Real-Time Generator Performance Audit NCPC Credits | The sum of all Real-Time NCPC Credits for assets performing an audit for the day. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Real-Time Generator Performance Audit NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Real-Time Generator Performance Audit NCPC Load Obligation | The sum of all participants' Real-Time Generator Performance Audit NCPC Load Obligation. |
| Real-Time Generator Performance Audit NCPC Charge | Real-Time Generator Performance Audit NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Real-Time Generator Performance Audit NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Posturing Charges – Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Posturing NCPC Credits | The sum of all Real-Time posturing NCPC Credits for the day. |
| Dispatchable ARD MW | The subaccount share of Dispatchable ARD MW. |

| SR_RTNCPCSTLMNTSUMSUB – RT NCPC Settlement Summary Subaccount Report – Rev 0 SR_RTNCPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Real-Time Postured NCPC Load Obligation | The sum of the Real-Time Load Obligation for Charge Allocation and the Dispatchable ARD MW for the subaccount. |
| Pool Real-Time Postured NCPC Load Obligation | The sum of all participants' Real-Time Postured NCPC Load Obligation. |
| Real-Time Posturing NCPC Charge | Pool Posturing NCPC Credits allocated to the subaccount based on its pro-rata share of Pool Real-Time Postured NCPC Load Obligation. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Rapid Response Pricing Opportunity Cost Charge-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Rapid Response Pricing Opportunity Cost NCPC Credits | The sum of all Rapid Response Pricing Opportunity Cost NCPC Credits during the day. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Rapid Response Pricing Opportunity Cost NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation | The sum of all Participants' Rapid Response Pricing Opportunity Cost NCPC Load Obligation. |
| Rapid Response Pricing Opportunity Cost NCPC Charge | Pool Rapid Response Pricing Opportunity Cost NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Rapid Response Pricing Opportunity Cost Load NCPC Obligation. |
| Dispatch Lost Opportunity Cost Charge-Subaccount Section | |
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Pool Dispatch Lost Opportunity Cost NCPC Credits | The sum of all Dispatch Lost Opportunity Cost NCPC Credits during the day. |
| Real-Time Load Obligation for Charge Allocation | Subaccount share of Real-Time Load Obligation for Charge Allocation. |
| Real-Time Dispatchable ARD Load Obligation Reduction MW | Subaccount share of Real-Time dispatchable ARD Load Obligation reduction MW. |
| Dispatch Lost Opportunity Cost NCPC Load Obligation | The sum of Real-Time Load Obligation for Charge Allocation and Real-Time Dispatchable ARD Load Obligation Reduction MW for the subaccount. |
| Pool Dispatch Lost Opportunity Cost Load NCPC Obligation | The sum of all Participants' Dispatch Lost Opportunity Cost NCPC Load Obligation. |
| Dispatch Lost Opportunity Cost NCPC Charge | Pool Dispatch Lost Opportunity Cost NCPC Credits allocated to the subaccount based on its pro-rata share of the Pool Dispatch Lost Opportunity Cost Load NCPC Obligation. |
| Hourly Min Gen Emergency Charges-Subaccount Section | |

SR_RTNCPCSTLMNTSUMSUB – RT NCPC Settlement Summary Subaccount Report – Rev 0
 SR_RTNCPCSTLMNTSUMSUB_<customer id>_<settlement date>_<version>_<subaccount_id>.CSV
 <Customer Name>
 Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
 Availability: Daily

| REPORT COLUMN | DESCRIPTION |
|--|--|
| Subaccount ID | The alpha numeric identifier for the subaccount |
| Subaccount Name | The name of the subaccount. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Pool Minimum Generation Emergency NCPC Credits | The hourly sum of all Real-Time NCPC dispatch credits during a Minimum Generation Emergency (MGE) Trading Interval. |
| Real-Time Generation Obligation for Charge Allocation | Subaccount share of Real-Time Generation Obligation for Charge Allocation. |
| Real-Time Exempt Generation Obligation | Subaccount share of Real-Time Exempt Generation Obligation. |
| Positive Real-Time Demand Reduction Obligation | Subaccount share of Positive Real-Time Demand Reduction Obligation. |
| Real-Time Exempt Demand Reduction Obligation | Subaccount share of Real-Time Exempt Demand Reduction Obligation. |
| Minimum Generation Emergency Charge Allocation MW | The Real-Time Generation Obligation for Charge Allocation less the Real-Time Exempt Generation Obligation plus Positive Real-Time Demand Reduction Obligation less Real-Time Exempt Demand Reduction Obligation for the subaccount |
| Pool Minimum Generation Emergency Charge Allocation MW | The pool sum of all Participant Minimum Generation Emergency Charge Allocation MW. |
| Real-Time Minimum Generation Emergency NCPC Charge | Pool Minimum Generation Emergency NCPC Credits allocated to the subaccount based on its pro-rata share of Pool Minimum Generation Emergency Charge Allocation MW. |

| SR_RTNCPCSTLMNTSUMSUB Change Summary | Effective Date |
|--------------------------------------|----------------|
| New. | 06.01.2021 |

| SR_VARSTL – OATT Schedule 2 – VAR Settlement Summary Report – Rev 2 SR_VARSTL_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| VAR Settlement | |
| Customer Cost of Energy Produced Credits | Values represent customer's share of Cost of Energy Produced credits received by assets |
| Customer Cost of Energy Consumed Credits | Values represent customer's share of Cost of Energy Consumed credits received by assets |
| Customer Lost Opportunity Cost Credits | Values represent customer's share of Lost Opportunity Cost credits received by assets |
| Customer VAR Capacity Cost Credits | Values represent customer's share of Capacity Cost credits received by assets |
| Customer VAR Variable Cost Charges | Values represent customer's share of Variable Cost charges |
| Customer VAR Capacity Cost Charges | Values represent customer's share of Capacity Cost charges |
| Net Settlement | Values represent the sum of the customer's credits and charges |
| Subaccount | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Subaccount Cost of Energy Produced Credits | Values represent subaccount Cost of Energy Produced credits received by assets |
| Subaccount Cost of Energy Consumed Credits | Values represent subaccount Cost of Energy Consumed credits received by assets |
| Subaccount Lost Opportunity Cost Credits | Values represent subaccount Lost Opportunity Cost credits received by assets |
| Subaccount VAR Capacity Cost Credits | Values represent subaccount Capacity Cost credits received by assets |
| Subaccount VAR Variable Cost Charges | Values represent subaccount Variable Cost charges |
| Subaccount VAR Capacity Cost Charges | Values represent subaccount Capacity Cost charges |
| Subaccount Net Settlement | Values represent the sum of the subaccount's credits and charges |

| SR_VARSTL Change Summary | Effective Date |
|---|----------------|
| Modified. In the "Subaccount" section, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. Added new "Subaccount" section. | 06.01.2016 |
| Existing. | 01.01.2008 |

| SR_VARSTLSUB – OATT Schedule 2 – VAR Settlement Summary Subaccount – Rev 0 SR_VARSTLSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Subaccount Cost of Energy Produced Credits | Values represent subaccount Cost of Energy Produced credits received by assets. |
| Subaccount Cost of Energy Consumed Credits | Values represent subaccount Cost of Energy Consumed credits received by assets. |
| Subaccount Lost Opportunity Cost Credits | Values represent subaccount Lost Opportunity Cost credits received by assets. |
| Subaccount VAR Capacity Cost Credits | Values represent subaccount Capacity Cost credits received by assets. |
| Subaccount VAR Variable Cost Charges | Values represent subaccount Variable Cost charges. |
| Subaccount VAR Capacity Cost Charges | Values represent subaccount Capacity Cost charges. |
| Subaccount Net Settlement | Values represent the sum of the subaccount's credits and charges. |

| SR_VARSTLSUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 11.01.2022 |

SS_BSCIP – Black Start CIP – *RETIRED*

SS_BSCIP_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|----------------------------|---|
| CALCULATION | |
| Trading Date | Specific month for which the data is reported displayed as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Asset ID | Numerical identifier for the Black Start Generator. |
| Asset Name | Name of the Black Start Generator. |
| Calculation Description | “(Station O&M \$ + Station Capital \$) / 12 X Asset MVA / Station MVA.” |
| Total Asset Dollars | Total Monthly Black Start Critical Infrastructure Protection (CIP) amount for the Black Start Generator. This dollar value is typically positive. |
| Allocation Share | Customer’s ownership share of the Black Start Generator. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is typically positive. |
| Comments | Comments associated with the calculation of each asset. This field provides the name of the station associated to the generator and the values used to calculate the Total Asset Dollars. This column will contain: “Station Name: XXXXXXXXXXXXXXXXXXXX, Station O&M = \$ XX.XX, Station Capital = \$XX.XX, Asset MVA /Station MVA = XXX/ XXX |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported displayed as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| DUNS Name | Name associated with DUNS Number. |
| Allocation Description | “Monthly Regional Network Load” |
| Total Allocation Factor | Total Monthly Regional Network Load for the obligation month, |
| Customer Allocation Factor | Customers’ Regional Network Load for the obligation month. |
| Total Dollars | Sum of all Generators’ Black Start CIP Payments for the obligation month. This dollar value is typically negative. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) X Total Dollars This dollar value is typically negative. |
| Comments | Comments associated with the allocation. This field is optional. |

| SS_BSCIP Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any resettlements prior to the operating day January 1, 2013. | 01.01.2013 |
| New. The first version of this report is expected to be released no earlier than July 20, 2012 for obligation month June 2012. | 06.01.2012 |

| SS_COSTUALLOC - Mystic Cost of Service True-up Allocation Standard Settlement Report – Rev 0 SS_COSTUALLOC _<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: As determined by the Mystic Cost of Service Agreement. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Calculation Description | Settlement Date and calendar year subject to True-up |
| Dollars | True-up adjustment for Lead Market Participant, with interest, pursuant to Schedule 3A of the Cost of Service Agreement. |
| Comments | Comments associated with the calculation. This field is optional. |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Allocation Description | Mystic COS RTLO |
| Dollars | True-up allocation for Market Participants with RTLO, with interest, pursuant to Schedule 3A of the Cost of Service Agreement. |
| Comments | True-up allocation as attributable to the initial settlement months of the Mystic Cost of Service Settlement. |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |

| SS_COSTUALLOC Change Summary | Effective Date |
|------------------------------|----------------|
| New | 06.01.2023 |

| SS_DANCPCLSCPRMRR – NCPC – Day-Ahead Multiple Reliability Region LSCPR Charge Allocation – RETIRED | |
|---|--|
| SS_DANCPCLSCPRMRR_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Location ID | Numerical identifier of the Reliability Region for which the customer was charged for Day-Ahead NCPC LSCPR in the Day-Ahead NCPC settlement. |
| Location Name | Name of the location corresponding to the Location ID. |
| Customer Dollars | The amount charged for Day-Ahead NCPC LSCPR in the Day-Ahead NCPC settlement for the reliability region. |
| Comments | This column will contain “Refund for Day-Ahead LSCPR Charges”. |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement is calculated. |
| Location ID | Numerical identifier of the Reliability Region for which the customer is being charged for Day-Ahead NCPC LSCPR. |
| Location Name | Name of the location corresponding to the Location ID. |
| Allocation Description | This column will contain “Daily RTLO per Reliability Region”. |
| Total Allocation Factor | Total RTLO for the Reliability Region for the day. |
| Customer Allocation Factor | Customer’s Real-Time Load Obligation for the Reliability Region per Appendix F, excluding Real-Time Load Obligation associated with Postured Dispatchable Asset Related Demand Resource (pumps only) per Appendix F, and including Real-Time Load Obligation associated with Capacity Export Through Import Constrained Zone Transactions or FCA Cleared Export Transactions per Appendix F. |
| Total Dollars | Total dollars to be allocated for Day-Ahead NCPC LSCPR charges for the Reliability Region for the day. |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor |
| Comments | This column will contain “Day-Ahead LSCPR Commitments”. |

| SS_DANCPCLSCPRMRR Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Modified. No change in report structure. “Allocation Description” and “Total Allocation Factor” are now based on Real-Time Load Obligation (RTLO) instead of Day-Ahead Load Obligation (DALO). “Customer Allocation Factor” is now based on RTLO, excluding RTLO associated with Postured Dispatchable Asset Related Demand Resource (pumps only). | 01.23.2014 |
| New. The first version of this report will be posted on January 3, 2012 for Operating Day January 1, 2012 only if multiple Reliability Regions are flagged for LSCPR (Local Second Contingency Protection Resource) on that day; otherwise the report will be posted accordingly when the next operating day triggers this flagging. | 01.01.2012 |

| | |
|---|---|
| SS_FCMNCCTFA – FCM NCC Trading FA – Rev 0 SS_FCMNCCTFA <customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, after the conclusion of the settlement month. | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Trading Date |
| Location ID | Capacity zone ID where the resources' FCM NCC Trading FA was processed |
| Location Name | Capacity zone name where the resources' FCM NCC Trading FA was processed |
| Allocation Factor Description | (Customer Zonal Capacity Obligation / Capacity Zone Zonal Capacity Obligation) \times Monthly Capacity Zone FCM NCC Trading FA amount |
| Total Allocation Factor | Capacity Zone Zonal Capacity Obligation |
| Customer Allocation Factor | Customer Zonal Capacity Obligation |
| Total Dollars | Monthly Capacity Zone FCM NCC Trading FA amount |
| Customer Dollars | (Customer Allocation Factor / Total Allocation Factor) \times Total Dollars |
| Comments | |

| | |
|------------------------------------|-----------------------|
| SS_FCMNCCTFA Change Summary | Effective Date |
| New. | 06.01.2022 |

| SS_FORFEITEDFA – Forfeited Financial Assurance – Rev 0 | |
|--|---|
| SS_FORFEITEDFA <customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly, after the conclusion of the settlement month. | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported displayed as the first day of the applicable settlement obligation month. |
| Location ID | The numerical identifier of the Capacity Zone cleared in the Forward Capacity Auction where the Resource has a Capacity Supply Obligation for which financial assurance was forfeited. |
| Location Name | The name of the Capacity Zone cleared in the Forward Capacity Auction where the Resource for which financial assurance was forfeited is located. |
| Allocation Description | (Customer Capacity Requirement MW/ Total Capacity Requirement MW) * Total Monthly Forfeited Financial Assurance Amount |
| Total Allocation Factor | Total Capacity Requirement for the Capacity Zone for the applicable settlement obligation month reported as a MW value. This value is always negative. |
| Customer Allocation Factor | Customer Capacity Requirement for the applicable settlement obligation month reported as a MW value. This value is always negative. |
| Total Dollars | Total Monthly Forfeited Financial Assurance Amount. This value is always positive. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Monthly Forfeited Financial Assurance Amount. This value is always positive. |
| Comments | <p>Comments associated with the allocation. This field indicates the reason(s) for the total monthly financial assurance forfeiture(s). Valid values are:</p> <ul style="list-style-type: none"> • FERC Order(s) and/or • Financial Assurance/Billing Policy Default(s) <p>Where:</p> <p>“FERC Order” indicates the forfeited financial assurance in the given Capacity Zone is a result of a FERC Order to terminate Capacity Supply Obligation.</p> <p>“Financial Assurance/Billing Policy Default” indicates the forfeited financial assurance in the given Capacity Zone is a result of default(s) under the Financial Assurance Policy or the Billing Policy.</p> |

| SS_FORFEITEDFA Change Summary | Effective Date |
|---|----------------|
| Modified. No changes in report structure, only data change to content within columns entitled "Allocation Description", "Total Dollars", and "Customer Dollars" to reflect summarization by Capacity Zone and "Comments" for allocation detail. First anticipated report distribution will be no earlier than February 10, 2011. | 06.01.2010 |

| SS_GENERICSS – Generic Standard Settlement Report – Rev 0 SS_<report_name>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific period for which the data is reported in form MM/DD/YYYY. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| DUNS Name | Name associated with DUNS Number. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Location ID | Numerical identifier for the location related to the specific standard settlement item. |
| Location Name | Name of the location. |
| Calculation Description | Description of the calculation. |
| Rate | Rate associated with Total Asset Dollars. |
| Quantity | Quantity associated with Total Asset Dollars. |
| Total Asset Dollars | Total dollars calculated for the asset, as determined by the specific standard settlement item. |
| Allocation Share | Percentage of the asset for which the customer is responsible, as determined by the specific standard settlement item. |
| Customer Dollars | Total dollars calculated for the customer, as determined by the specific standard settlement item. |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. |
| ALLOCATION | |
| Trading Date | Specific period for which the data is reported in form MM/DD/YYYY. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| DUNS Name | Name associated with DUNS Number. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Location ID | Numerical identifier for the location related to the specific standard settlement item. |
| Location Name | Name of the location. |
| Allocation Description | Detail of the method used to distribute dollars associated with the specific standard settlement item. |
| Total Allocation Factor | Sum of the customer allocation factor(s). |

| SS_GENERICSS – Generic Standard Settlement Report – Rev 0 SS_<report_name>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Customer Allocation Factor | Customer value as determined by the method used to distribute dollars associated with the specific standard settlement item. |
| Total Dollars | Sum of the calculated credits or charges being allocated. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Dollars |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. |

| SS_GENERICSS Change Summary | Effective Date |
|--|----------------|
| Existing. This is not an actual report file. This is only a sample generic file showing all columns being populated. It is used as a guide when creating Standard Settlement files. | 03.01.2008 |

| | |
|---|---|
| SS_GISCOST – GIS Costs – Rev 0 SS_GISCOST_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported displayed as the <u>first day</u> of the applicable settlement obligation month. |
| Asset ID | Numerical identifier for the Load asset or Asset Related Demand asset. |
| Asset Name | Name of the Load asset or Asset Related Demand asset. |
| Allocation Description | Total GIS Billable Amount x (Asset Billable Load / Total GIS Billable Load) |
| Total Allocation Factor | Total GIS Billable Load for the pool for the applicable settlement obligation month reported as a MW value. |
| Customer Allocation Factor | Asset Billable Load for the applicable settlement obligation month reported as a MW value. |
| Total Dollars | Total GIS Billable Amount for the applicable settlement obligation month. This dollar value is typically negative. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Dollars. This dollar value is typically negative. |
| Comments | Comments associated with the allocation. This field is optional. |

| | |
|--|-----------------------|
| SS_GISCOST Change Summary | Effective Date |
| New. Standard Settlement Report for GIS Cost. If an obligation period prior to 01/01/2010 is run, the report will not be produced. The migration date for this release is 02/23/2010. First anticipated run date will be around 03/09/2010 for obligation period 01/2010. | 01.01.2010 |

| SS_HVVAR – High Voltage VAR Cost Reallocation – Rev 0 SS_HVVAR_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the customer is receiving a refund for VAR Service Costs. |
| Trading Interval | Specific hour for which the customer is receiving a refund for VAR Service costs. |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| DUNS Name | Name used to identify the “entity responsible for the customer’s bill”. |
| Customer Dollars | Total refund for VAR Service costs. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| Trading Date | Specific day for which the customer is receiving a charge for VAR Service costs. |
| Trading Interval | Specific hour for which the customer is receiving a charge for VAR Service costs. |
| DUNS Number | Number used to identify the “entity responsible for the customer’s bill”. |
| DUNS Name | Name used to identify the “entity responsible for the customer’s bill”. |
| Location Id | Numerical identifier of the Reliability Region affected by high voltage conditions. |
| Location Name | Name of the Reliability Region affected by high voltage conditions. |
| Allocation Description | “Regional Network Load” |
| Total Allocation Factor | Total Regional Network Load for the affected Reliability Region. |
| Customer Allocation Factor | Customer Regional Network Load for the affected Reliability Region. |
| Total Dollars | Total VAR Service costs for the affected Reliability Region. |
| Customer Dollars | Total Dollars X Customer Allocation Factor / Total Allocation Factor |
| Comments | Comments associated with the allocation. This field is optional. |

| SS_HVVAR Change Summary | Effective Date |
|-------------------------|----------------|
| Existing. | 07.01.2008 |

| SS_NCPCCDART – NCPC – Cleared Day Ahead not Dispatched in Real Time – <i>RETIRED</i> SS_NCPCCDART_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Trading Interval | Specific hour for which the settlement is calculated. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Location ID | This column is optional. If the asset is committed for Local Second Contingency Protection Resource (LSCPR), this value will be the numerical identifier of the Reliability Region for which the asset was committed. For all other commitment reasons, this value will not be reported. |
| Location Name | This column is optional. Name of the location corresponding to the Location_ID. |
| Calculation Description | Actual values used to calculate this settlement in the format of the calculation. The Cleared Day Ahead not dispatched in Real Time Credit equals: $(RT\ LMP - DA\ LMP) \times Day\ Ahead\ Cleared\ MW$ |
| Total Asset Dollars | Total dollars associated with the asset. The Cleared Day Ahead not dispatched in Real Time Credit equals: $(RT\ LMP - DA\ LMP) \times Day\ Ahead\ Cleared\ MW$ |
| Allocation Share | Customer's ownership share of the asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. At a minimum, this column will contain an indicator of the commitment reason for each asset. (i.e. Economic, LSCPR) |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement is calculated. |
| Location ID | This column is optional. If the asset is committed for Local Second Contingency Protection Resource (LSCPR), this value will be the numerical identifier of the Reliability Region for which the asset(s) was committed. For all other commitment reasons, this value will not be reported. |
| Location Name | This column is optional. Name of the location corresponding to the Location ID. |
| Allocation Description | If Economic Commitment, allocation is: $(Customer\ Daily\ NCPC\ Deviations / Pool\ Daily\ NCPC\ Deviations) \times Pool\ Daily\ Cleared\ DA\ not\ dispatched\ in\ RT\ Credits$ else If Commitment is for a Local Second Contingency Protection Resource (LSCPR), allocation is: $(Customer\ Daily\ RTLO\ per\ Reliability\ Region / Total\ Reliability\ Region\ Daily\ RTLO) \times Reliability\ Region\ Daily\ Cleared\ DA\ not\ dispatched\ in\ RT\ Credits$ Note: Customer Daily RTLO includes neighboring control areas that purchased emergency energy from the affected reliability region during the day for which this settlement is being allocated. |

| SS_NCPCCDART – NCPC – Cleared Day Ahead not Dispatched in Real Time – <i>RETIRED</i> SS_NCPCCDART_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Total Allocation Factor | Pool Daily NCPC Deviations or Reliability Region Daily RTLO |
| Customer Allocation Factor | Customer Daily NCPC Deviations or Customer Daily RTLO in Reliability Region |
| Total Dollars | Total dollars to be allocated for Daily Cleared DA not dispatched in RT Credits for the period. |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. At a minimum, this column will contain an indicator of the commitment reasons associated with each allocation (i.e. Economic, LSCPR). |

| SS_NCPCCDART Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. | 03.01.2008 |

SS_NCPDFA - Dual Fuel Audit NCPC Adjustment - Rev 2

SS_NCPDFA_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|----------------------------|--|
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Trading Interval | Specific hour for which the settlement is calculated. |
| Asset ID | Numerical identifier of the dual fuel asset. |
| Asset Name | Name of the dual fuel asset. |
| Calculation Description | <p>The Hourly dual fuel audit NCPC adjustment equals:</p> <p>Hourly Incremental Fuel Cost: $\text{SUM}(\text{Five minute Incremental fuel cost}) \text{ where}$ $\text{Five minute Incremental fuel cost:}$ $(\text{Alternate fuel offer price} - \text{MAX}(\text{primary fuel offer price, primary fuel reference level}))$ $* \text{MIN}(\text{Economic Dispatch Point, Energy Quantity})/12$</p> <p>Plus No-Load Cost: $\text{MAX}(\text{Alternate fuel no-load cost} - \text{primary fuel no-load cost}, 0)$</p> <p>Plus, if applicable Start-Up Cost: $\text{Alternate fuel start-up cost} / \text{number of audit hours}$</p> <p>Where: Alternate fuel is Oil Primary fuel is fuel offered in Day-Ahead Market</p> |
| Total Asset Dollars | The dollars paid to the asset for the dual fuel audit NCPC adjustment. |
| Allocation Share | Customer's ownership share of the asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Allocation Description | Daily Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand (DARDs) RTLO. |
| Total Allocation Factor | Pool Daily RTLO less DARDs RTLO |
| Customer Allocation Factor | Customer Daily RTLO less DARDs RTLO |
| Total Dollars | Total dollars to be allocated for dual fuel audit NCPC adjustment for the day. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor |
| Comments | Comments associated with allocation. This field is optional. |

| SS_NCPDFA Change Summary | Effective Date |
|---|----------------|
| Modified. Removed “(Pumps Only)” wording from the following descriptions in the “Allocation” section: “Allocation Description”, “Total Allocation Factor”, and “Customer Allocation Factor.” | 10.23.2019 |
| Modified. Updated “Calculation Description” calculation for sub hourly settlements. | 03.01.2017 |
| New | 11.01.2016 |

SS_NCPCCS – NCPC – Cancelled Start – *RETIRED*

SS_NCPCCS_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|-------------------------|---|
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Trading Interval | Specific hour for which the settlement is calculated. For Cancelled Starts, this hour will also represent the hour of the original ISO Commitment Time. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Location ID | This column is optional. If the asset is committed for Local Second Contingency Protection Resource (LSCPR), this value will be the numerical identifier of the Reliability Region for which the asset was committed. For all other commitment reasons, this value will not be reported. |
| Location Name | This column is optional. Name of the location corresponding to the Location ID. |
| Calculation Description | Actual values used to calculate this settlement in the format of the calculation. The Cancelled Start Credit equals: Applicable Generator Start-Up Fee * (1- ((Cancel Time)/(Time to Start))) |
| Total Asset Dollars | Total dollars associated with the asset. The Cancelled Start Credit equals: Applicable Generator Start-Up Fee * (1- ((Cancel Time)/(Time to Start))) |
| Allocation Share | Customer's ownership share of the asset |
| Customer Dollars | Total Asset Dollars x Allocation Share. |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. At a minimum, this column will contain an indicator of the commitment reason for each asset. (i.e. Economic, SCR, LSCPR) |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Asset ID | This column is optional. It will be used to report the numerical identifier for any asset compensated for a cancelled SCR commitment. |
| Asset Name | This column is optional. Name of the asset corresponding to the Asset ID. |
| Location ID | This column is optional. If the asset is committed for Local Second Contingency Protection Resource (LSCPR), this value will be the numerical identifier of the Reliability Region for which the asset(s) was committed. For all other commitment reasons, this value will not be reported. |
| Location Name | This column is optional. Name of the location corresponding to the Location_ID. |
| Allocation Description | If Economic Commitment, allocation is: (Customer Daily NCPC Deviations / Pool Daily NCPC Deviations) X Pool Daily Cancelled Start Credits else If Commitment is for a Local Second Contingency Protection Resource (LSCPR) , allocation is: (Customer Daily RTLO per Reliability Region / Total Reliability Region |

| SS_NCPCCS – NCPC – Cancelled Start – <i>RETIRED</i> SS_NCPCCS_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | Daily RTLO) X Reliability Region Daily Cancelled Start Credits else If SCR Commitment, allocation is: Customer specific allocation to the Customer which requested the SCR Commitment. Note: Customer Daily RTLO includes neighboring control areas that purchased emergency energy from the affected reliability region during the day for which this settlement is being allocated. |
| Total Allocation Factor | Pool Daily NCPC Deviations or Reliability Region Daily RTLO or Customer specific |
| Customer Allocation Factor | Customer Daily NCPC Deviations or Customer Daily RTLO in Reliability Region or Customer specific |
| Total Dollars | Total dollars to be allocated for Cancelled Start Credits for the period. |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. At a minimum, this column will contain an indicator of the commitment reasons associated with each allocation (i.e. Economic, SCR, LSCPR). |

| SS_NCPCCS Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. | 03.01.2008 |

| SS_NCPMGE – NCPC – Minimum Generation Emergency – <i>RETIRED</i> SS_NCPMGE<market service>_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day that the Minimum Generation Emergency was declared. |
| Trading Interval | Specific hour that the Minimum Generation Emergency was declared. |
| Asset ID | Numerical identifier for the generating resource receiving Minimum Generation Emergency Credit. |
| Asset Name | Name of the generating resource receiving Minimum Generation Emergency Credit. |
| Location ID | Numerical identifier for the reliability region that the Minimum Generation Emergency was called for. If it was called for the entire system then this field will be blank. |
| Location Name | Name of the reliability region that the Minimum Generation Emergency was called for. If it was called for the entire system then this field will be blank. |
| Total Asset Dollars | Total Minimum Generation Emergency Credit for the generating resource. This value will always be positive. |
| Allocation Share | Customer's ownership share of the generating resource. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value will always be positive. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| Trading Date | Specific day that the Minimum Generation Emergency was declared. |
| Location ID | Numerical identifier for the reliability region that the Minimum Generation Emergency was called for. If it was called for the entire system then this field will be blank. |
| Location Name | Name of the reliability region that the Minimum Generation Emergency was called for. If it was called for the entire system then this field will be blank. |
| Total Allocation Factor | Total Real Time Generation Obligation MW less total Exempt Real Time Generation Obligation MW for all hours that there was a Minimum Generation Emergency for the day. This value will always be positive. |
| Customer Allocation Factor | Customer's Real Time Generation Obligation MW less customer's Exempt Real Time Generation Obligation MW for all hours that there was a Minimum Generation Emergency for the day. This value will always be positive. |
| Total Dollars | Total Minimum Generation Emergency Credit to be allocated for the day for the entire system or reliability region. This value will always be negative. |
| Customer Dollars | Total Dollars X Customer Allocation Factor / Total Allocation Factor. This value will always be negative. |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. The field is optional. |

| SS_NCPMGE Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. Deleted "Trading Interval" column from the "Allocation" section. | 03.01.2008 |

SS_NCPCPG – NCPC – Posturing Generator – *RETIRED*
SS_NCPCPG_<customer id>_<settlement date>_<version>.CSV
Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT
Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|----------------------------|---|
| CALCULATION | |
| Trading Date | Specific day that the posturing event was declared. |
| Trading Interval | Specific hour of the day that was impacted by the posturing event. |
| Asset ID | Numerical identifier for the generating resource that was postured. |
| Asset Name | Name of the generating resource that was postured. |
| Calculation Description | <p>Description detailing the calculation used in determining the hourly posturing credit, as follows:</p> $[(RT\ LMP \times PAG\ MW) - (PAG\ Energy\ Cost)] - [(RT\ LMP \times AG\ MW) - (AG\ Energy\ Cost)] - \text{Generator Regulation Credits}$ <p><u>NOTE 1:</u> PAG equals the estimated hourly generation had the generating resource not responded to dispatch orders to reduce or suspend operation and AG equals the actual output of the generating resource.</p> <p><u>NOTE 2:</u> For hours having a Supply Offer Price greater than the Real-Time LMP, an hourly posturing credit will not be calculated.</p> <p><u>NOTE 3:</u> Generator Regulation Credits are the Regulation Opportunity Cost of type Lost Opportunity Cost (LOC).</p> <p><u>NOTE 4:</u> PAG Energy Cost is determined by the incremental energy supply offer at the PAG MW output level.</p> <p><u>NOTE 5:</u> AG Energy Cost is determined by the incremental energy supply offer at the AG MW output level.</p> |
| Total Asset Dollars | This value represents the hourly posturing credit calculation for the generating resource. |
| Allocation Share | Customer's ownership share of the generating resource. |
| Customer Dollars | Total Asset Dollars x Allocation Share. |
| Comments | Comments associated with each hourly calculation. This field is optional. An asset receiving a posturing credit that is flagged for VAR will see a line on the MIS report containing Customer Dollars of \$0 and a comment indicating the amount of the VAR credit (i.e., "VAR settlement of \$xxxx.xx will appear on monthly bill") |
| ALLOCATION | |
| Trading Date | Specific day that the posturing event was declared. |
| Allocation Description | Pro-rata "RTLO per Appendix F" excluding Real-Time Load Obligation associated with Postured Dispatchable Asset Related Demand Resource (pumps only) per Appendix F. |
| Total Allocation Factor | Total pool Real Time Load Obligation excluding Real-Time Load Obligation associated with Postured Dispatchable Asset Related Demand Resource operation (pumps only) per Appendix F. |
| Customer Allocation Factor | Customer's Real Time Load Obligation per Appendix F excluding Real-Time Load Obligation associated with Postured Dispatchable Asset Related Demand |

| SS_NCPCPG – NCPC – Posturing Generator – <i>RETIRED</i> SS_NCPCPG_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| | Resource (pumps only) per Appendix F. |
| Total Dollars | Total pool generating resource posturing credits to be allocated for the day. |
| Customer Dollars | Total Dollars x (Customer Allocation Factor / Total Allocation Factor). |
| Comments | Comments associated to the allocation. This field is optional. |

| SS_NCPCPG Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| Existing. | 03.01.2009 |

| SS_NCPSCSR – NCPC – Special Constraint Resource – <i>RETIRED</i> SS_NCPSCSR_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the generating resource provided Special Constraint Resource (SCR) Service. |
| Trading Interval | Specific hour for which the generating resource provided Special Constraint Resource Service. |
| Asset ID | Numerical identifier for the generating resource that provided Special Constraint Resource Service. |
| Asset Name | Name of the generating resource that provided Special Constraint Resource Service. |
| Total Asset Dollars | Total RT SCR NCPC Credit associated with the generating resource. This value may be positive or negative. |
| Allocation Share | Customer's ownership share of the generating resource. |
| Customer Dollars | Total RT SCR NCPC Credit x Allocation Share. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| Trading Date | Specific day for which the generating resource provided Special Constraint Resource Service. |
| Trading Interval | Specific hour for which the generating resource provided Special Constraint Resource Service. |
| Asset ID | Numerical identifier for the generating resource that provided Special Constraint Resource Service. |
| Asset Name | Name of the generating resource that provided Special Constraint Resource Service. |
| Customer Dollars | Total RT SCR NCPC Credit charged to the Transmission Owner or distribution company that requested the generating resource provide Special Constraint Resource Service. |
| Comments | Comments associated with each record, as determined by the specific standard settlement item. The field is optional. |

| SS_NCPSCSR Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any resettlements prior to the operating day April 1, 2013. | 04.01.2013 |
| Existing. | 03.01.2008 |

| SS_PAREXP – Participant Expenses Standard Settlement Report – Rev 0 SS_PAREXP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | |
| Trading Interval | |
| Asset ID | |
| Asset Name | |
| Total Asset Dollars | |
| Allocation Share | |
| Customer Dollars | |
| Comments | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported displayed as the first day of the applicable settlement obligation month. |
| Allocation Description | <p>Actual values used to calculate the participant's charge. The calculation is determined by the sector of the participant. If the participant is a Market Participant End User, the calculation is: $(\text{Rate}) \times (\text{Peak Load MWs}) / 12$ where "Rate" is the Annual Participant Expenses Allocated to Market Participant End User (or Individual RTP Participants) as articulated in the 14.2a of the Second Reinstated NEPOOL Agreement.</p> <p>If the participant is a Load Response Resource Provider or a Distributed Generation Resource Provider, the calculation is: $(\\$5000 + (\\$267 \times \text{MWs})) / 12$</p> <p>If the participant is a Small Renewable Generation Resource Provider, the calculation is: $(\\$1000 + (\\$267 \times \text{MWs})) / 12$</p> <p>If the participant is in the Transmission Sector, the calculation is: (Balance of expenses after reducing for Market Participant End Users, Load Response Resource Providers, Distributed Generation Resource Providers, Small Renewable Generation Resource Providers, and the Large Renewable Generation Sub-Sector)</p> <p>If the participant is in the Publicly Owned Sector and receives 1/nth, the calculation is: (Balance of expenses after reducing for Market Participant End Users, Load Response Resource Providers, Distributed Generation Resource Providers, Small Renewable Generation Resource Providers, and the Large Renewable Generation Sub-Sector)</p> <p>If the participant is in the Publicly Owned Sector and receives %, the calculation is: (Balance of expenses after reducing for Market Participant End Users, Load Response Resource Providers, Distributed Generation Resource Providers,</p> |

| SS_PAREXP – Participant Expenses Standard Settlement Report – Rev 0 SS_PAREXP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| | <p>Small Renewable Generation Resource Providers, the Large Renewable Generation Sub-Sector, and 1/nth of Publicly Owned Sector)</p> <p>If the participant is in the Large Renewable Generation Sub Sector, or Supplier & Generation Sector the calculation shall Allocation Description shall be blank.</p> |
| Total Allocation Factor | <p>If the participant is in the Transmission Sector, the Total Allocation Factor is number of participants in the sector.</p> <p>If the participant is in the Publicly Owned Sector and receives 1/nth, the Total Allocation Factor is number of participants in the sector receiving 1/nth.</p> <p>If the participant is in the Publicly Owned Sector and receives %, the Total Allocation Factor is % allocated to each Participant in that Sector.</p> <p>If the participant does not fall into one of the previously listed sectors, the Total Allocation Factor is not applicable and shall be blank.</p> |
| Customer Allocation Factor | <p>If the participant is in the Transmission Sector, the Allocation Factor is 1.</p> <p>If the participant is in the Publicly Owned Sector and receives 1/nth, the Allocation Factor is 1.</p> <p>If the participant is in the Publicly Owned Sector and receives %, the Allocation Factor is the participant's share of the sub sector as a percentage.</p> <p>If the participant does not fall into one of the previously listed sectors, the Allocation Factor is not applicable and shall be blank.</p> |
| Total Dollars | <p>If the participant in a sector that has a Total Allocation Factor and Customer Allocation Factor, the Total Dollars is the total charges for the sector. If the participant is not in a sector that has a Total Allocation Factor and Customer Allocation Factor, the Total Dollars is blank.</p> |
| Customer Dollars | <p>If the participant is in a sector that has a Total Allocation Factor and Customer Allocation Factor, the Customer Dollars is: $(\text{Customer Allocation Factor} / \text{Total Allocation Factor}) \times \text{Total Dollars}$.</p> <p>If the participant is not in a sector that has a Total Allocation Factor and Customer Allocation Factor, but does have an Allocation Description, the Customer Dollars is the result of the calculation in the Allocation Description.</p> <p>If the participant is not in a sector that has a Total Allocation Factor and Customer Allocation Factor or an Allocation Description, the Customer Dollars is the blank.</p> |
| Comments | Comments associated with the allocation. This field is optional. |

| SS_PAREXP Change Summary | Effective Date |
|--|----------------|
| Existing. This Standard Settlement Participant Expenses report will be available on May 15, 2008. | 04.01.2008 |

| SS_RTEEPEET - Real Time Emergency Energy Purchase - EET – Rev 0 SS_RTEEPEET <customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Trading Interval | Specific hour for which the settlement(s) is calculated. |
| Location ID | Numerical identifier for the location where the Real-Time Emergency Energy Purchase from a Market Participant took place. |
| Location Name | Name of the Location where the Real-Time Emergency Energy Purchase from a Market Participant took place. |
| Calculation Description | Actual values used to calculate this settlement in the format of the calculation. Scheduled MW of the Import * (Offer – RT LMP) |
| Customer Dollars | Total dollars associated with the Transaction. Scheduled MW of the Import * (Offer – RT LMP) |
| Comments | “Contract number xxxxxxxx” (Multiple Contract numbers may be listed) |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Trading Interval | Specific hour for which the settlement(s) is calculated |
| Allocation Description | “Negative Deviations” |
| Total Allocation Factor | Total Pool negative deviations for the specific day and hour ending of the Real Time Emergency Energy Purchase. Negative deviations include Self Scheduled deviations, failure to follow Dispatch Instruction deviations, deviations at External Nodes, deviations created by cleared Day-Ahead Increment Offers and load deviations. |
| Customer Allocation Factor | Customer’s negative deviations for the specific day and hour ending of the Real Time Emergency Energy Purchase. Negative deviations include Self Scheduled deviations, failure to follow Dispatch Instruction deviations, deviations at External Nodes, deviations created by cleared Day-Ahead Increment Offers and load deviations. |
| Total Dollars | Total Costs in excess of the costs that would have been incurred using the Real-Time LMP at the external node as the price for the Emergency purchase from the Market Participant. |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor |
| Comments | “Purchased at location XXXX” |

| SS_RTEEPEET Change Summary | Effective Date |
|----------------------------|----------------|
| Existing. | 03.01.2009 |

| | |
|--|--|
| SS_RTEETCA – Real Time Emergency Energy Transaction – Control Area – Rev 0 SS_RTEETCA <customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated |
| Trading Interval | Specific hour for which the settlement(s) is calculated |
| Allocation Description | “Negative Deviations” |
| Total Allocation Factor | <p>Total Pool negative deviations for the specific day and hour ending of the Real Time Emergency Energy Transaction.</p> <p>Negative deviations for an Emergency Energy Sale include Self Scheduled deviations, deviations from Day-Ahead amounts created through following a Dispatch Instruction, deviations at External Nodes, deviations created by cleared Day-Ahead Increment Offers and load deviations.</p> <p>Negative deviations for an Emergency Energy Purchase include Self Scheduled deviations, failure to follow Dispatch Instruction deviations, deviations at External Nodes, deviations created by cleared Day-Ahead Increment Offers and load deviations.</p> |
| Customer Allocation Factor | <p>Customer’s negative deviations for the specific day and hour ending of the Real Time Emergency Energy Transaction.</p> <p>Negative deviations for an Emergency Energy sale include Self Scheduled deviations, deviations from Day-Ahead amounts created through following a Dispatch Instruction, deviations at External Nodes, deviations created by cleared Day-Ahead Increment Offers and load deviations.</p> <p>Negative deviations for an Emergency Energy Purchase include Self Scheduled deviations, failure to follow Dispatch Instruction deviations, deviations at External Nodes, cleared Day-Ahead Increment Offers and load deviations.</p> |
| Total Dollars | <p>Emergency sale revenues in excess of the revenues calculated using the Real-Time LMP at the External Node associated with the Emergency Sales to other Control Areas.</p> <p>Emergency Purchase costs in excess of the costs or less than the costs calculated using the Real-Rime LMP at the external node associated with the Emergency Purchase from the Control Area.</p> |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor. |
| Comments | “Emergency Energy Purchase” or “Emergency Energy Sale” |

| | |
|----------------------------------|-----------------------|
| SS_RTEETCA Change Summary | Effective Date |
| Existing. | 03.01.2009 |

| | |
|--|--|
| SS_RTESEP – Real Time Energy – Security Energy Purchase – Rev 1 SS_RTESEP <customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement(s) is calculated |
| Trading Interval | Specific hour for which the settlement(s) is calculated |
| Allocation Description | <p>When the Security Energy Purchase cost is greater than the cost incurred at the LMP at the external node then the allocation description is “Network Load”.</p> <p>When the Security Energy Purchase cost is less than the cost incurred at the LMP at the external node then the allocation description is “Marginal Loss Revenue Load Obligation”.</p> |
| Total Allocation Factor | If Security Energy Purchase cost exceeds the costs incurred at the LMP at the External Node then the Total Allocation Factor is the Total Pool Network Load for the obligation month. If the cost incurred at the LMP at the External Node exceeds the Security Energy Purchase cost then the Total Allocation Factor is the Total Pool Marginal Loss Revenue Load Obligation for the obligation day and hour. |
| Customer Allocation Factor | If Security Energy Purchase cost exceeds the costs incurred at the LMP at the External Node then the Customer Allocation Factor is the Customer’s Network Load for the obligation month. If the cost incurred at the LMP at the External Node exceeds the Security Energy Purchase cost then the Customer Allocation Factor is the Customer’s Real Time Marginal Loss Revenue Load Obligation for the obligation day and hour. |
| Total Dollars | Total New Brunswick Security Energy purchase costs in excess of the costs incurred at the LMP at the External Node associated with the Emergency Security Energy Purchase. |
| Customer Dollars | Total Dollars X Customer Allocation Factor / Total Allocation Factor |
| Comments | “Purchased at Location xxxx” |

| | |
|--|-----------------------|
| SS_RTESEP Change Summary | Effective Date |
| Modified. No change in report structure, only change to revise allocation factor term "Adjusted Load Obligation" to the correct term "Marginal Loss Revenue Load Obligation" in the description text and sample file. | 01.01.2011 |
| Existing. | 03.01.2009 |

SS_RTNCPLSCPRMRR – NCPC – Real-Time Multiple Reliability Region LSCPR Charge Allocation – RETIRED

SS_RTNCPLSCPRMRR_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|----------------------------|--|
| CALCULATION | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Location ID | Numerical identifier of the Reliability Region for which the customer was charged for Real-Time NCPC LSCPR in the Real-Time NCPC settlement. |
| Location Name | Name of the location corresponding to the Location ID. |
| Customer Dollars | The amount charged for Real-Time NCPC LSCPR in the Real-Time NCPC settlement for the reliability region. |
| Comments | This column will contain “Refund for Real-Time LSCPR Charges”. |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement is calculated. |
| Location ID | Numerical identifier of the Reliability Region for which the customer is being charged for Real-Time NCPC LSCPR. |
| Location Name | Name of the location corresponding to the Location ID. |
| Allocation Description | This column will contain “Daily RTLO per Reliability Region”. |
| Total Allocation Factor | Total RTLO for the Reliability Region for the day. |
| Customer Allocation Factor | Customer’s Real-Time Load Obligation for the Reliability Region per Appendix F excluding Real-Time Load Obligation associated with Postured Dispatchable Asset Related Demand Resource (pumps only) per Appendix F and including Real-Time Load Obligation associated with Capacity Export Through Import Constrained Zone Transactions or FCA Cleared Export Transactions per Appendix F. |
| Total Dollars | Total dollars to be allocated for Real-Time NCPC LSCPR charges for the reliability region for the day. |
| Customer Dollars | Total Dollars x Customer Allocation Factor / Total Allocation Factor |
| Comments | This column will contain “Real-Time LSCPR Commitments”. |

| SS_RTNCPLSCPRMRR Change Summary | Effective Date |
|---|----------------|
| Retired. This report will be issued for any settlement or resettlements of days through and including operating day December 2, 2014. | 12.03.2014 |
| New. The first version of this report will be posted on January 4, 2012 for Operating Day January 1, 2012 only if multiple Reliability Regions are flagged for LSCPR (Local Second Contingency Protection Resource) on that day; otherwise the report will be posted accordingly when the next operating day triggers this flagging. | 01.01.2012 |

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| SS_WRDREC – Winter Reliability – DR Energy Charges – Rev 0 SS_WRDREC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |
| ALLOCATION (ISSUED MONTHLY) | |
| Trading Date | Date of performance (local day) for which the data is displayed. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Allocation Description | Hourly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Hourly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Hourly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability Program DR Energy Payments for the hour. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Dollars This value is typically negative. |
| Comments | Comments associated with allocation. This field optional. |

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| SS_WRDREC Change Summary | Effective Date |
| New. This is a monthly report with hourly detail. The first version of this report is expected no earlier than January 8, 2014. | 12.01.2013 |

| SS_WRDREP – Winter Reliability – DR Energy Payments – Rev 0 SS_WRDREP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific period for which the data is reported in form MM/DD/YYYY. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Calculation Description | Actual values used in the calculation to determine the Winter Reliability DR Energy Payments, as follows: $\text{MAX}((\text{MAX}(\$250/\text{MWh}, \text{Zonal Real-Time LMP}) \times \text{MWh Delivered}) - \text{MAX}(\text{TDR Payment}, 0), 0)$ $\text{MWh delivered} = \text{Net Supply MW} + (\text{Winter Reliability Demand Reduction MW} \times 1.065)$ |
| Total Asset Dollars | Total dollars calculated for the asset, as determined by the specific standard settlement item. |
| Allocation Share | Percentage of the asset for which the customer is responsible, as determined by the specific standard settlement item. For Demand Response Assets, the allocation share is 100%. |
| Customer Dollars | Total dollars calculated for the customer, as determined by the specific standard settlement item. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRDREP Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

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|---|---|
| SS_WRDRMC – Winter Reliability – DR Monthly Charges – Rev 0 SS_WRDRMC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability Program DR Monthly Payments for the month. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Dollars This value is typically negative. |
| Comments | Comments associated with the allocation. This field is optional. |

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| SS_WRDRMC Change Summary | Effective Date |
| New. The first version of this report is expected no earlier than January 8, 2014. | 12.01.2013 |

| SS_WDRMP – Winter Reliability – DR Monthly Payments – Rev 0 SS_WDRMP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific period for which the data is reported in form MM/DD/YYYY. |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Calculation Description | <p>Actual values used in the calculation to determine the Winter Reliability DR Monthly Payment, as follows:</p> <p>If (Average MW Performance / Winter Obligation MW) >= 0.75 Then Monthly DR Payment = Bid Price x MIN(Average MW Performance, Winter Obligation MW) * Performance Factor Else 0</p> <p>Performance Factor = MAX(MIN((Average Hourly FCM Performance - Average Hourly Dispatch MW) / Winter Obligation MW, 1) , 0)</p> |
| Total Asset Dollars | Total dollars calculated for the asset, as determined by the specific standard settlement item. |
| Allocation Share | Percentage of the asset for which the customer is responsible, as determined by the specific standard settlement item. For Demand Response Assets, the allocation share is 100%. |
| Customer Dollars | Total dollars calculated for the customer, as determined by the specific standard settlement item. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WDRMP Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRDRNPC – Winter Reliability – DR Non-performance Charges – <i>RETIRED</i> SS_WRDRNPC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| Trading Date | Specific period for which the data is reported in form MM/DD/YYYY. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Asset ID | Numerical identifier for the asset. |
| Asset Name | Name of the asset. |
| Calculation Description | Actual values used in the calculation to determine the Winter Reliability DR Non-Performance Charge, as follows: $\text{MAX}((\text{Winter Obligation MW} - \text{MWh Delivered}), 0) \times 250 \times -1$ $\text{MWh delivered} = \text{Net Supply MW} + (\text{Winter Reliability Demand Reduction MW} \times 1.065)$ |
| Total Asset Dollars | Total dollars calculated for the asset, as determined by the specific standard settlement item. |
| Allocation Share | Percentage of the asset for which the customer is responsible, as determined by the specific standard settlement item. For Demand Response Assets, the allocation share is 100%. |
| Customer Dollars | Total dollars calculated for the customer, as determined by the specific standard settlement item. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRDRNPC Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

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|---|---|
| SS_WDRNPP – Winter Reliability – DR Non-performance Payments – <i>RETIRED</i> SS_WDRNPP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Date of performance (local day) for which the data is displayed. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Allocation Description | Participant's pro-rata share of Hourly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Hourly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Hourly RTLO less DARDs (Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability DR Non-performance Charge for the hour. |
| Customer Dollars | (Customer Allocation Factor/Total Allocation Factor) x Total Dollars. |
| Comments | Comments associated with the allocation. This field is optional. |

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| SS_WDRNPP Change Summary | Effective Date |
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENCECC – Winter Reliability – Commissioning Excess of Cap Charges - Rev 0 SS_WRGENCECC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Asset ID | Numerical identifier of the generating asset. |
| Asset Name | Name of the generating asset. |
| Calculation Description | If the Commissioning Cap has been exceeded: Commissioning CAP – Total NCPC Compensation for Testing Activities |
| Total Asset Dollars | The chargeback dollars due to NCPC Compensation exceeding the Winter Program Commissioning Cap as described in the calculation description per Appendix K. |
| Allocation Share | Customer's ownership share of the asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is negative. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRGENCECC Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report is expected no earlier than January 6, 2015. | 12.01.2014 |

| SS_WRGENCECR – Winter Reliability – Commissioning Excess of Cap Refund – Rev 0 SS_WRGENCECR_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand (DARD) (pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARD (pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs (pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability - Commissioning Excess of Cap Charge for the month x -1. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. This value is typically positive. |
| Comments | Comments associated with allocation. This field is optional. |

| SS_WRGENCECR Change Summary | Effective Date |
|---|----------------|
| New. The first version of this report is expected no earlier than January 6, 2015. | 12.01.2014 |

| SS_WRGENDPC – Winter Reliability – Gen Daily Penalty Charges - Rev <i>RETIRED</i> SS_WRGENDPC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Asset ID | Numerical identifier of the Generating Asset. |
| Asset Name | Name of the Generating Asset. |
| Calculation Description | <p>IF Penalty is a Switch Test Penalty then:</p> <p style="padding-left: 40px;">Monthly payment/Number of Days</p> <p>Else</p> <p style="padding-left: 40px;">MIN((Monthly Payment/Number of Days in the Month), Daily Penalty + Hourly Penalty)</p> <p>Where</p> <p style="padding-left: 40px;">Daily Penalty = (Number of Barrels short for Daily Penalties/Barrels Awarded) x (Monthly Payment/Number of Days in the Month)</p> <p style="padding-left: 40px;">Hourly Penalty = (Number of Hours for Hourly Penalties) x (Monthly Payment/# of Hours in the Month)</p> |
| Total Asset Dollars | Total dollars charged for the Winter Program Daily Penalties as described in the calculation description. This value is negative. |
| Allocation Share | Customer's ownership share of the Asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is negative. |
| Comments | <p>If the Penalty is for a failure to Switch Test, then:</p> <p style="padding-left: 40px;">Switch Test Penalty</p> <p>Else</p> <p>For all other penalties, each type of Penalty the Asset is charged, the detail of Barrels or hours is provided:</p> <p style="padding-left: 40px;">Failure to Commit Initial Inventory Number of Barrels, Sale and Transfer Number of Barrels, Replenishment Number of Barrels, Unavailability Number of Hours, Failure to Switch Number of Hours</p> <p>Only those penalties that are charged will appear. If multiple penalties are listed, they will be separated by a comma.</p> |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRGENDPC Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENDPP – Winter Reliability – Gen Daily Penalty Payments – <i>RETIRED</i> SS_WRGENDPP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Participant's pro-rata share of Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO, per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARD(Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs(Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability Generator Daily Penalty Charges for the month. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. This value is typically positive. |
| Comments | For each Penalty paid: Switch Test Penalty – Total Dollars, Failure to Commit Initial Inventory – Total Dollars, Sale and Transfer – Total Dollars, Replenishment – Total Dollars, Unavailability – Total Dollars, Failure to Switch – Total Dollars Only those penalties that are paid will appear. If multiple penalties are listed, they will be separated by a comma. |

| SS_WRGENDPP Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENTMOC – Winter Reliability – Commissioning Failure to Meet Obligation Charges - Rev 0 SS_WRGENTMOC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Asset ID | Numerical identifier of the generating asset. |
| Asset Name | Name of the generating asset. |
| Calculation Description | <p>If the Participant is in breach of its ongoing fuel obligations or ongoing audit obligations:</p> <p style="text-align: center;">MIN (total NCPC cost for testing activities, commissioning cap) / commissioning months x breach months x -1</p> <p>If the Participant has cured a breach of its ongoing fuel obligations or ongoing audit obligations:</p> <p style="text-align: center;">MIN (total NCPC cost for testing activities, commissioning cap) / commissioning months x cure months</p> <p>Where: Commissioning months = whole months between commissioning date and May 31, 2018 Breach months = whole months between breach date and May 31, 2018 Cure months = whole months between cure date and May 31, 2018</p> |
| Total Asset Dollars | The failure to meet obligation charge/credit dollars due to a breach or cure of a breach as described in the calculation description per Appendix K. |
| Allocation Share | Customer's ownership share of the asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value can be a positive or negative. |
| Comments | Type of Charge/Credit Breach Cure |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRGENTMOC Change Summary | Effective Date |
|---|----------------|
| New. The first version of this report is expected no earlier than January 6, 2015. | 12.01.2014 |

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| SS_WRGENFMOR – Winter Reliability – Commissioning Failure to Meet Obligation Refund – Rev 0 SS_WRGENCECR_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand (DARD) (pumps only) RTLO per Appendix K for the breach/cure month. |
| Total Allocation Factor | Pool Monthly RTLO less DARD (pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs (pumps only) RTLO per Appendix K for the breach/cure month. |
| Total Dollars | Winter Reliability - Commissioning Failure to Meet Obligation Charge x -1. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. This value can be a positive or negative. |
| Comments | Type of Charge/Credit Breach Cure |

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| SS_WRGENFMOR Change Summary | Effective Date |
| New. The first version of this report is expected no earlier than January 6, 2015. | 12.01.2014 |

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|---|---|
| SS_WRGEMC – Winter Reliability – Gen Monthly Charges – <i>RETIRED</i> SS_WRGEMC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARD(Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs(Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability Program Generator Payments for the month. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. This value is typically negative. |
| Comments | Comments associated with allocation. This field is optional. |

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| SS_WRGEMC Change Summary | Effective Date |
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than January 8, 2014. | 12.01.2013 |

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|--|---|
| SS_WRGENMP – Winter Reliability – Gen Monthly Payments - <i>RETIRED</i> SS_WRGENMP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Asset ID | Numerical identifier of the Generating Asset. |
| Asset Name | Name of the Generating Asset. |
| Calculation Description | <p>If a Default does not exist: Awarded Program Payment Dollars</p> <p>If a Default exists: Awarded Program Payment Dollars – Share of Default Dollars.</p> <p>(No Financial Assurance coverage. If a Participant(s) defaults on the prior months charges, total Payments will be adjusted down by the default(s) and allocated on a pro rata share based on total payments.)</p> |
| Total Asset Dollars | The dollars awarded and paid to the Asset for the Winter Program adjusted for defaults as described in the calculation description. |
| Allocation Share | Customer's ownership share of the Asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is positive. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

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|--|-----------------------|
| SS_WRGENMP Change Summary | Effective Date |
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENPBPC – Winter Reliability – Gen Per/Barrel Penalty Charges - <i>RETIRED</i> SS_WRGENPBPC_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific day for which the settlement(s) is calculated. |
| Asset ID | Numerical identifier of the Generating Asset. |
| Asset Name | Name of the Generating Asset. |
| Calculation Description | <p>IF the Per Barrel Penalty is a Failure to Commit Initial Inventory and Oil Type is Residual, then:</p> <p style="padding-left: 40px;">Number of Barrels short x \$90/90 day term of the program</p> <p>IF the Per Barrel Penalty is a Failure to Commit Initial Inventory and Oil Type is Distillate or Diesel, then:</p> <p style="padding-left: 40px;">Number of Barrels short x \$117/90 day term of the program</p> <p>Else</p> <p style="padding-left: 40px;">Number of Barrels x daily per-barrel market price/90 day term of the program</p> <p style="padding-left: 40px;">Where the daily per-barrel market price is the average of “ARGUS, Diesel 15ppm NYH barge” buy and sell price expressed in gallons converted to a per barrel price.</p> <p>If more than one penalty exists, they will be separated by commas and the comment will contain all Per Barrel Penalty types charged.</p> |
| Total Asset Dollars | Total dollars charged to the Asset for the Winter Program Per Barrel Penalties as described in the calculation description. This value is negative. |
| Allocation Share | Customer’s ownership share of the Asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is negative. |
| Comments | <p>The types of Per Barrel Penalties charged will appear in the same order as the Calculations displayed in the Calculation Description: Failure to Commit Initial Inventory, Sale and Transfer, Replenishment</p> <p>Only those penalties that have charges will appear. If multiple penalties are listed, they will be separated by a comma.</p> |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRGENPBPC Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENPBPP – Winter Reliability – Gen Per/Barrel Penalty Payments – <i>RETIRED</i> SS_WRGENPBPP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Participant's pro-rata share of Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand(DARD)(Pumps only) RTLO, per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARD(Pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs(Pumps only) RTLO per Appendix K. |
| Total Dollars | Winter Reliability Generator Per Barrel Penalty Charges for the month. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. This value is typically positive. |
| Comments | For each Per Barrel Penalty Charged: Failure to Commit Initial Inventory – Total Dollars, Sale and Transfer – Total Dollars, Replenishment – Total Dollars Only those penalties that have charges will appear. If multiple penalties are listed, they will be separated by a comma. |

| SS_WRGENPBPP Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report is expected no earlier than February 1, 2014. | 12.01.2013 |

| SS_WRGENUIMC – Winter Reliability – Gen Unused Inventory Monthly Charges – Rev 2 | |
|--|--|
| SS_WRGENUIMC_<customer id>_<settlement date>_<version>.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Determined by associated market service | |
| REPORT COLUMN | DESCRIPTION |
| CALCULATION | |
| INTENTIONALLY BLANK – NO CALCULATION DETAILS | |
| ALLOCATION | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Allocation Description | Monthly Real Time Load Obligation (RTLO) less Dispatchable Asset Related Demand (DARD) (pumps only) RTLO per Appendix K. |
| Total Allocation Factor | Pool Monthly RTLO less DARD (pumps only) RTLO per Appendix K. |
| Customer Allocation Factor | Customer Monthly RTLO less DARDs (pumps only) RTLO per Appendix K. |
| Total Dollars | <p>Total Dollars for December thru March are based on estimated unused inventory:</p> $-1 \times (\text{initial unused inventory} \times \text{estimation rate} \times \text{Program rate} \times (\text{number of days in settlement month} / \text{number of days in Winter Program})).$ <p>The estimation rate for the 2014-2015 Winter Program is 75%.</p> <p>This value is typically negative.</p> <p>Actual Dollars for final unused inventory is calculated in April as a resettlement of the December through February charges:</p> $-1 \times (\text{actual unused inventory} \times \text{Program rate} \times (\text{number of days in settlement month} / \text{number of days in Winter Program}) \times \text{Generator performance factor}).$ <p>This value is typically negative.</p> <p>The Generator performance factor is calculated as:</p> $\text{Number of hours in settlement month that the Generator was available (including transmission outages)} / \text{number of hours in the month}$ |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor. |
| Comments | Type of Charge/Credit Estimated True-up |

| SS_WRGENUIMC Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report is expected no earlier than January 6, 2015. | 12.01.2014 |
| Modified. The description of “Total Dollars” has been corrected to the calculations used in the settlement of days since 12.01.2014. | 12.01.2014 |
| Modified. The description of “Total Dollars” has been clarified to include the calculation of the estimated unused inventory, and the true-up calculation has been further defined. True-up calculations will be billed in April 2015 for settlement months December 2014 through March 2015. | 12.01.2014 |

| SS_WRGENUIP – Winter Reliability – Gen Unused Inventory Payment - Rev 0 SS_WRGENUIP_<customer id>_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Determined by associated market service | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| CALCULATION (ISSUED MONTHLY) | |
| Trading Date | Specific month for which the data is reported as the first day of the applicable settlement obligation month. MM/01/YYYY. |
| Asset ID | Numerical identifier of the Generating Asset. |
| Asset Name | Name of the Generating Asset. |
| Calculation Description | <p>Unused Inventory Payment is calculated for each month of the winter period and paid at the conclusion of the winter program.</p> <p>Final unused inventory x Program rate x (number of days in settlement month / number of days in Winter Program) x Monthly performance factor</p> <p>This value is positive.</p> <p>The monthly performance factor is calculated for each month of the Winter Period as:</p> <p>Number of hours in the month that the Generator was available (including transmission outages) / number of hours in the month</p> |
| Total Asset Dollars | The dollars paid to the Asset for the Winter Reliability Program as described in the calculation description. |
| Allocation Share | Customer's ownership share of the Asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is positive. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| INTENTIONALLY BLANK – NO ALLOCATION DETAILS | |

| SS_WRGENUIP Change Summary | Effective Date |
|--|----------------|
| New. The first version of this report will be released no earlier than April 1, 2014. | 12.01.2014 |

SS_WRNCPDFST – Winter Reliability – Additional NCPC Oil Adjustment for Dual Fuel Switch Test - RETIRED

SS_WRNCPDFST_<customer id>_<settlement date>_<version>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Determined by associated market service

| REPORT COLUMN | DESCRIPTION |
|----------------------------|--|
| CALCULATION | |
| Trading Date | Specific day for which the settlement is calculated. |
| Trading Interval | Specific hour for which the settlement is calculated. |
| Asset ID | Numerical identifier of the Dual Fuel Asset. |
| Asset Name | Name of the Dual Fuel Asset. |
| Quantity | MAX (0, RT Generation MWs – DA Cleared MW's) |
| Calculation Description | <p>Actual values used to calculate this settlement in the format of the calculation. The Winter Switch Test Fuel Adjustment equals:</p> <p>(Energy Cost of Quantity at Reference Offer Price + Reference Start Up Cost + Reference No Load Cost) – (Energy Cost at Quantity at RT Offer Price + RT Start Up Cost + RT No Load Cost)</p> <p>The Daily Total of the calculated adjustment plus Daily NCPC offers will be compared to the asset's daily NCPC and Energy compensation and adjusted down by the excess revenues if Total Daily compensation is greater than NCPC settlement plus Fuel adjustment:</p> <p>(Daily Offers – Daily Compensation) * (NCPC Test Credit / Daily Test Adjustment)</p> |
| Total Asset Dollars | The dollars paid to the Asset for the Winter fuel adjustment as described in the calculation description. |
| Allocation Share | Customer's ownership share of the Asset. |
| Customer Dollars | Total Asset Dollars x Allocation Share. This value is typically positive. |
| Comments | Comments associated with the calculation. This field is optional. |
| ALLOCATION | |
| Trading Date | Specific day for which the settlement is calculated. |
| Allocation Description | Daily RTLO less DARDs (Pumps only) RTLO. |
| Total Allocation Factor | Pool Daily RTLO less DARD (Pumps only) RTLO |
| Customer Allocation Factor | Customer Daily RTLO less DARDs (Pumps only) RTLO |
| Total Dollars | Total dollars to be allocated for Winter Switch Test NCPC for the day. |
| Customer Dollars | Total Dollars x Customer Allocation Factor/Total Allocation Factor |
| Comments | Comments associated with allocation. This field is optional. |

| SS_WRNCPDFST Change Summary | Effective Date |
|--|----------------|
| Retired. | 12.01.2014 |
| New. The first version of this report may be issued anytime after 10.27.2013. | 10.22.2013 |

| TR_ISOSCH1RNS – Monthly ISO Schedule 1 Regional Network Service (RNS) Settlement – Rev 3 TR_ISOSCH1RNS_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Charges | |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Regional Network Load Name | Signifies the name given to Regional Network Load. |
| Pool Monthly Regional Network Load Value | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month. |
| Monthly Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each customer displayed as kW-Month. |
| ISO Schedule 1 Rate | Annual rate used by the ISO to collect the revenues necessary to fund the services for scheduling and administering the movement of power through, out of, or within the ISO New England Control Area. |
| ISO Schedule 1 RNS Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with ISO Self Funding Tariff (SFT) Schedule 1 for RNS. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Regional Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccounts | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| ISO Schedule 1 RNS Charge | Subaccount share of the customer's ISO Schedule 1 RNS Charge. |

| TR_ISOSCH1RNS Change Summary | Effective Date |
|--|----------------|
| Modified. In the "Charges" and "Subaccounts" sections, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. In the "Charges" section, added new columns "Subaccount ID" and "Subaccount Name". Added new "Subaccounts" section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "Regional Network Load ID" from "Network Load ID"; to "DUNS Number" from "Duns Number"; to "DUNS Name" from "Duns Name"; to "Regional Network Load Name" from "Network Load Name"; to "Pool Monthly Regional Network Load Value" from "Pool Network Load Value" with corresponding subheading updated to "kW-Month" from "kW"; to "Monthly Regional Network Load Value" from "Network Load Value" with corresponding subheading updated to "kW-Month" from "kW". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_ISOSCH1RNSSUB – Monthly ISO Schedule 1 Regional Network Service (RNS) Settlement Subaccount Report – Rev 0

TR_ISOSCH1RNSSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Subaccounts | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| ISO Schedule 1 RNS Charge | Subaccount share of the customer's ISO Schedule 1 RNS Charge. |

| TR_ISOSCH1RNSSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 11.01.2022 |

TR_ISOSCH5RNS – Monthly ISO Schedule 5 NESCOE Settlement – Rev 3

TR_ISOSCH5RNS_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|--|---|
| Charges | |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Regional Network Load Name | Signifies the name given to Regional Network Load. |
| Pool Monthly Regional Network Load Value | Values represent monthly total Regional Network Load value in the pool. |
| Monthly Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each customer. |
| ISO Schedule 5 Rate | Annual rate used by the ISO to collect the revenues necessary to fund the administrative services of the New England States Committee on Electricity (NESCOE). |
| ISO Schedule 5 RNS Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with ISO Self Funding Tariff (SFT) Schedule 5 for RNS. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Regional Network Load ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccounts | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| ISO Schedule 5 RNS Charge | Subaccount share of the customer's ISO Schedule 5 RNS Charge. |

| TR_ISOSCH5RNS Change Summary | Effective Date |
|--|----------------|
| Modified. In the "Charges" and "Subaccounts" sections, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. In the "Charges" section, added new columns "Subaccount ID" and "Subaccount Name". Added new "Subaccounts" section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "Regional Network Load ID" from "Network Load ID"; to "DUNS Number" from "Duns Number"; to "DUNS Name" from "Duns Name"; to "Regional Network Load Name" from "Network Load Name"; to "Pool Monthly Regional Network Load Value" from "Pool Network Load Value" with corresponding subheading updated to "kW-Month" from "kW"; to "Monthly Regional Network Load Value" from "Network Load Value" with corresponding subheading updated to "kW-Month" from "kW". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_ISOSCH5RNSSUB – Monthly ISO Schedule 5 NESCOE Settlement Subaccount Report – Rev 0

TR_ISOSCH5RNSSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|---------------------------|---|
| Subaccounts | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| ISO Schedule 5 RNS Charge | Subaccount share of the customer's ISO Schedule 5 RNS Charge. |

| TR_ISOSCH5RNSSUB Change Summary | Effective Date |
|---------------------------------|----------------|
| New. | 11.01.2022 |

TR_ISOSCH1TOUT – Monthly ISO Schedule 1 Through or Out Service (TOUT) Settlement – Rev 3

TR_ISOSCH1TOUT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|----------------------------------|--|
| SUMMARY | |
| Charge | Cumulative total of all ISO Schedule 1 TOUT charges for the "entity responsible for the customer's bill." |
| Payment | Cumulative total of all ISO Schedule 1 TOUT payments for the "entity responsible for the customer's bill." |
| Net Amount | Net amount of "entity responsible for the customer's bill" cumulative total ISO Schedule 1 TOUT charges and cumulative total ISO Schedule 1 TOUT payments. |
| CHARGES | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Reservation Amount | The sum of the megawatt hours (MWh) reserved for all reservations associated with the DUNS number from the Point of Receipt to the Point of Delivery. |
| ISO Schedule 1 Rate | Annual rate used by the ISO to collect the revenues necessary to fund the services for scheduling and administering the movement of power through, out of, or within the ISO New England Control Area. |
| ISO Schedule 1 TOUT Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with ISO Self Funding Tariff (SFT) Schedule 1 for TOUT. |
| PAYMENTS | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each customer. |
| Pool ISO Schedule 1 TOUT Charge | Values represent monthly total ISO Schedule 1 TOUT Charge in the pool. |
| Pool Regional Network Load Value | Values represent monthly total Regional Network Load value in the pool. |
| ISO Schedule 1 TOUT Payment | Payment for services rendered in accordance with ISO Schedule 1 for TOUT. |
| DETAIL | |
| DUNS Number | Number used to identify the "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| OASIS Assignment Reference | Number assigned in the Open Access Same Time Information System (OASIS) for this reservation. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Transmission Priority | Type of reservation requested for this time period. |
| Duration | Time period requested for this reservation. |

TR_ISOSCH1TOUT – Monthly ISO Schedule 1Through or Out Service (TOUT) Settlement – Rev 3

TR_ISOSCH1TOUT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|--|
| Start Date | The local day and hour upon which the reservation begins. |
| End Date | The local day and hour upon which the reservation ends. |
| Reservation Amount | Amount of megawatt hours (MWh) reserved for this reservation |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the reservation. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| SUBACCOUNTS | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| ISO Schedule 1 TOUT Charge | Subaccount share of the customer's ISO Schedule 1 TOUT Charge. |
| Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each subaccount. |
| ISO Schedule 1 TOUT Payment | Subaccount share of the customer's ISO Schedule 1 TOUT Payment. |

| TR_ISOSCH1TOUT Change Summary | Effective Date |
|---|----------------|
| Modified. In the "Detail" and "Subaccounts" sections, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. In the "Detail" section, added new columns "Subaccount ID" and "Subaccount Name". Added new section "Subaccounts". | 06.01.2016 |
| Modified. Section "Charges" updated column to "DUNS Name" from "Duns Name"; to "MWh" from "MW" for "Reservation Amount" column sub-heading. Section "Payments" updated column to "Regional Network Load Value" from "Network Load Value"; to "Pool Regional Network Load Value" from "Network Load Value". Section "Detail" updated column to "DUNS Name" from "Duns Name"; to "MWh" from "MW" for "Reservation Amount" column sub-heading. The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_ISOSCH1TOUTSUB – Monthly ISO Schedule 1 Through or Out Service (TOUT) Settlement Subaccount Report – Rev 0

TR_ISOSCH1TOUTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Subaccounts | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| ISO Schedule 1 TOUT Charge | Subaccount share of the customer's ISO Schedule 1 TOUT Charge. |
| Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each subaccount. |
| ISO Schedule 1 TOUT Payment | Subaccount share of the customer's ISO Schedule 1 TOUT Payment. |

| TR_ISOSCH1TOUTSUB Change Summary | Effective Date |
|----------------------------------|----------------|
| New. | 11.01.2022 |

| TR_OATTSCH1RNS – Monthly OATT Schedule 1 Regional Network Service (RNS) Settlement – Rev 3 TR_OATTSCH1RNS_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| SUMMARY | |
| Charge | Cumulative total of all Open Access Transmission Tariff (OATT) Schedule 1 RNS charges for the "entity responsible for the customer's bill." |
| Payment | Cumulative total of all OATT Schedule 1 RNS payments for the "entity responsible for the customer's bill." |
| Net Amount | Net amount of "entity responsible for the customer's bill" cumulative total OATT Schedule 1 RNS charges and cumulative total OATT Schedule 1 RNS payments. |
| CHARGES | |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Regional Network Load Name | Signifies the name given to Regional Network Load. |
| Pool Monthly Regional Network Load Value | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month. |
| Monthly Regional Network Load Value | Values submitted by Transmission Owner for the Regional Network Load for each customer displayed as kW-Month. |
| OATT Schedule 1 Rate | Rate associated with scheduling and administering the movement of power, through, out of, or within the ISO New England Control Area. |
| OATT Schedule 1 RNS Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with OATT Schedule 1 for RNS. |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the Network Node ID. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| PAYMENTS | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Customer OATT Schedule 1 Revenue Requirements Dollars | Annual cost incurred for OATT Schedule 1. |
| Customer OATT Schedule 1 Revenue Requirements Percent | Percent based on pro rata share of annual Pool OATT Schedule 1 Revenue Requirement Dollars. |
| Pool OATT Schedule 1 RNS Charge | Values represent monthly total OATT Schedule 1 RNS Charge in the pool. |
| Pool OATT Schedule 1 Revenue Requirements Dollars | Values represent total annual OATT Schedule 1 Revenue Requirement Dollars. |
| OATT Schedule 1 RNS Payment | Payment for services rendered in accordance with OATT Schedule 1 for RNS. |
| SUBACCOUNT CHARGES | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| OATT Schedule 1 RNS Charge | Subaccount share of the customer's OATT Schedule 1 RNS Charge. |

| TR_OATTSCH1RNS Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Charges” and “Subaccount Charges” sections, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. In the “Charges” section, added new columns “Subaccount ID” and “Subaccount Name”. Added new “Subaccount Charges” section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "Regional Network Load ID" from "Network Load ID"; to "Regional Network Load Name" from "Network Load Name"; to "Pool Monthly Regional Network Load Value" from "Pool Network Load Value" with corresponding subheading updated to "kW-Month" from "kW"; to "Monthly Regional Network Load Value" from "Network Load Value" with corresponding subheading updated to "kW-Month" from "kW". Section "Payments" updated column to "Customer OATT Schedule 1 Revenue Requirements Dollars" from "Participant OATT Schedule 1 Revenue Requirements Dollars"; to "Customer OATT Schedule 1 Revenue Requirements Percent" from "Participant OATT Schedule 1 Revenue Requirements Percent". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_OATTSCH1RNSSUB – Monthly OATT Schedule 1 Regional Network Service (RNS) Settlement**Subaccount – Rev 0**

TR_OATTSCH1RNSSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|----------------------------|--|
| Subaccounts | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| OATT Schedule 1 RNS Charge | Subaccount share of the customer's OATT Schedule 1 RNS Charge. |

| TR_OATTSCH1RNSSUB Change Summary | Effective Date |
|----------------------------------|----------------|
| New. | 11.01.2022 |

| TR_OATTSCH1TOUT – Monthly OATT Schedule 1 Through or Out Service (TOUT) Settlement – Rev 3 TR_OATTSCH1TOUT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| SUMMARY | |
| Charge | Cumulative total of all Open Access Transmission Tariff (OATT) Schedule 1 TOUT charges for the "entity responsible for the customer's bill." |
| Payment | Cumulative total of all OATT Schedule 1 TOUT payments for the "entity responsible for the customer's bill." |
| Net Amount | Net amount of "entity responsible for the customer's bill" cumulative total OATT Schedule 1 TOUT charges and cumulative total OATT Schedule 1 TOUT payments. |
| CHARGES | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Reservation Amount | The sum of the megawatt hours (MWh) reserved for all reservations associated with the DUNS number from the Point of Receipt to the Point of Delivery. |
| OATT Schedule 1 Rate | Rate associated with scheduling and administering the movement of power, through, out of, or within the ISO New England Control Area. |
| OATT Schedule 1 TOUT Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with OATT Schedule 1 for TOUT. |
| PAYMENTS | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Customer OATT Schedule 1 Revenue Requirements Dollars | Annual cost incurred for OATT Schedule 1. |
| Customer OATT Schedule 1 Revenue Requirements Percent | Percent based on pro rata share of annual Pool OATT Schedule 1 Revenue Requirement Dollars. |
| Pool OATT Schedule 1 TOUT Charge | Values represent monthly total OATT Schedule 1 TOUT Charge in the pool. |
| Pool OATT Schedule 1 Revenue Requirements Dollars | Values represent total annual OATT Schedule 1 Revenue Requirement Dollars. |
| OATT Schedule 1 TOUT Payment | Payment for services rendered in accordance with OATT Schedule 1 for TOUT. |
| DETAIL | |
| DUNS Number | Number used to identify the "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| OASIS Assignment Reference | Number assigned in the Open Access Same Time Information System (OASIS) for this reservation. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Transmission Priority | Type of reservation requested for this time period. |
| Duration | Time period requested for this reservation. |
| Start Date | The local day and hour upon which the reservation begins. |

TR_OATTSCH1TOUT – Monthly OATT Schedule 1 Through or Out Service (TOUT) Settlement – Rev 3

TR_OATTSCH1TOUT_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|--|
| End Date | The local day and hour upon which the reservation ends. |
| Reservation Amount | Amount of megawatt hours (MWh) reserved for this reservation |
| Subaccount ID | The alpha numeric identifier for the subaccount associated with the reservation. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| SUBACCOUNTS | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| OATT Schedule 1 TOUT Charge | Subaccount share of the customer's OATT Schedule 1 TOUT Charge. |

| TR_OATTSCH1TOUT Change Summary | Effective Date |
|---|----------------|
| Modified. In the "Detail" and "Subaccounts" sections, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. In the "Detail" section, added new columns "Subaccount ID" and "Subaccount Name". Added new "Subaccounts" section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "DUNS Name" from "Duns Name"; updated subheading for "Reservation Amount" to "MWh" from "MW". Section "Payments" updated column to "DUNS Name" from "Duns Name"; to "Customer OATT Schedule 1 Revenue Requirements Dollars" from "Participant OATT Schedule 1 Revenue Requirements Dollars"; to "Customer OATT Schedule 1 Revenue Requirements Percent" from "Participant OATT Schedule 1 Revenue Requirements Percent". Section "Detail" updated column to "DUNS Name" from "Duns Name". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_OATTSCH1TOUTSUB – Monthly OATT Schedule 1 Through or Out Service (TOUT) Settlement Subaccount – Rev 0

TR_OATTSCH1TOUTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| OATT Schedule 1 TOUT Charge | Subaccount share of the customer's OATT Schedule 1 TOUT Charge. |

| TR_OATTSCH1TOUTSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

| | |
|---|--|
| TR_OATTSCH8TOUT – Monthly OATT Schedule 8 Through or Out Service (TOUT) Settlement – Rev 3 TR_OATTSCH8TOUT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
| REPORT COLUMN | DESCRIPTION |
| SUMMARY | |
| Charge | Cumulative total of all Open Access Transmission Tariff (OATT) Schedule 8 TOUT charges for the "entity responsible for the customer's bill." |
| Payment | Cumulative total of all OATT Schedule 8 TOUT payments for the "entity responsible for the customer's bill." |
| Net Amount | Net amount of "entity responsible for the customer's bill" cumulative total OATT Schedule 8 TOUT charges and cumulative total OATT Schedule 8 TOUT payments. |
| CHARGES | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Reservation Amount | The sum of the megawatt hours (MWh) reserved for all reservations associated with the DUNS number from the Point of Receipt to the Point of Delivery. |
| OATT Schedule 8 Rate | Rate associated with charges incurred in accordance with the OATT Schedule 8 Rate. |
| OATT Schedule 8 TOUT Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with OATT Schedule 8 for TOUT. |
| PAYMENTS | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| MW-Mile Percentage | Percent based on customer's ownership share in the Point of Receipt to Point of Delivery route. |
| Total OATT Schedule 8 TOUT Charge per Point of Receipt to Point of Delivery | Values represent total OATT Schedule 8 TOUT Charges per Point of Receipt to Point of Delivery. |
| OATT Schedule 8 TOUT Payment | Payment for services rendered in accordance with OATT Schedule 8 for TOUT. |
| DETAIL | |
| DUNS Number | Number used to identify the "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| OASIS Assignment Reference | Number assigned in the Open Access Same Time Information System (OASIS) for this reservation. |
| Point of Receipt | Point from where the energy originates. |
| Point of Delivery | Point where the energy is delivered. |
| Transmission Priority | Type of reservation requested for this time period. |
| Duration | Time period requested for this reservation. |

| TR_OATTSCH8TOUT – Monthly OATT Schedule 8 Through or Out Service (TOUT) Settlement – Rev 3 TR_OATTSCH8TOUT_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Start Date | The local day and hour upon which the reservation begins. |
| End Date | The local day and hour upon which the reservation ends. |
| Reservation Amount | Amount of megawatt hours (MWh) reserved for this reservation |
| Subaccount ID | The alpha numeric identifier for the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| Subaccount Name | The name of the subaccount. This field shall contain a NULL value when subaccount reporting is not enabled. |
| SUBACCOUNTS | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| OATT Schedule 8 TOUT Charge | Subaccount share of the customer's OATT Schedule 8 TOUT Charge. |

| TR_OATTSCH8TOUT Change Summary | Effective Date |
|---|----------------|
| Modified. In the in “Detail” and “Subaccounts” sections, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. In the “Detail” section, added new columns “Subaccount ID” and “Subaccount Name”. Added new “Subaccounts” section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "DUNS Name" from "Duns Name"; updated subheading for "Reservation Amount" to "MWh" from "MW". Section "Payments" updated column to "DUNS Name" from "Duns Name". Section "Detail" updated column to "DUNS Name" from "Duns Name"; updated subheading for "Reservation Amount" to "MWh" from "MW". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | 10.20.2011 |
| New. | 10.01.2010 |

TR_OATTSCH8TOUTSUB – Monthly OATT Schedule 8 Through or Out Service (TOUT) Settlement Subaccount – Rev 0

TR_OATTSCH8TOUTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly. Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month.

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Subaccounts | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| OATT Schedule 8 TOUT Charge | Subaccount share of the customer's OATT Schedule 8 TOUT Charge. |

| TR_OATTSCH8TOUTSUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

| TR_OATTSCH9RNS – Monthly OATT Schedule 9 Regional Network Service (RNS) Settlement – Rev 5 TR_OATTSCH9RNS_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| SUMMARY | |
| OATT Schedule 9 Pre-97 RNS Charge | Cumulative total of all Open Access Transmission Tariff (OATT) Schedule 9 Pre-97 RNS charges for the "entity responsible for the customer's bill." |
| OATT Schedule 9 Pre-97 RNS Payment | Cumulative total of all OATT Schedule 9 Pre-97 RNS payments for the "entity responsible for the customer's bill." |
| OATT Schedule 9 Post-96 RNS Charge | Cumulative total of all OATT Schedule 9 Post-96 RNS charges for the "entity responsible for the customer's bill." |
| OATT Schedule 9 Post-96 RNS Payment | Cumulative total of all OATT Schedule 9 Post-96 RNS payments for the "entity responsible for the customer's bill." |
| Net Amount | Net amount of "entity responsible for the customer's bill" cumulative total OATT Schedule 9 Pre-97 and Post-96 RNS charges, and cumulative total OATT Schedule 9 Pre-97 and Post-96 RNS payments. |
| CHARGES | |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Local Network | Designates the Transmission Owner (TO) who submits the customer's Regional Network Load. |
| Regional Network Load Name | Signifies the name given to Regional Network Load. |
| Monthly Regional Pool Network Load Value | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month. |
| Monthly Regional Network Load Value | Values submitted by TO for the Regional Network Load for each customer displayed as kW-Month. |
| OATT Schedule 9 Pre-97 RNS Rate | Rate associated with charges incurred in accordance with OATT Schedule 9 Pre-97 RNS. |
| OATT Schedule 9 Pre-97 RNS Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with OATT Schedule 9 Pre-97 RNS. |
| OATT Schedule 9 Post-96 RNS Rate | Rate associated with charges incurred in accordance with the OATT Schedule 9 Post-96 RNS. |
| OATT Schedule 9 Post-96 RNS Charge | Amount billed to designated "entity responsible for customer's bill" for services rendered in accordance with OATT Schedule 9 Post-96 RNS. |
| Energy Storage Device Flag | Indicates that this Regional Network Load is associated with an Energy Storage Device, and is not associated with any other non-charging load. This column will appear on reports generated after 1/1/2020 and will be populated for settlement dates starting 12/1/2019. Settlement dates prior to 12/1/2019 will have a NULL value. |
| Monthly Regional Pool Network Load Value ESD Adjusted | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month, excluding Energy Storage Device exempt Regional Network Loads. This column will appear on reports generated after 8/1/2020 and will be populated for settlement dates starting 7/1/2020. Settlement dates prior to 7/1/2020 will have a NULL value. |
| PAYMENTS | |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS number. |
| Customer Schedule 9 Pre-97 Revenue | Annual cost incurred for OATT Schedule 9 Pre-97. |

| TR_OATTSCH9RNS – Monthly OATT Schedule 9 Regional Network Service (RNS) Settlement – Rev 5 TR_OATTSCH9RNS_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Requirements Dollars | |
| Customer Schedule 9 Pre-97 Revenue Requirements Percent | Percent based on pro rata share of annual Pool OATT Schedule 9 Pre-97 Revenue Requirement Dollars. |
| Customer Schedule 9 Post-96 Revenue Requirements Dollars | Annual cost incurred for OATT Schedule 9 Post-96. |
| Customer Schedule 9 Post-96 Revenue Requirements Percent | Percent based on pro rata share of annual Pool OATT Schedule 9 Post-96 Revenue Requirement Dollars. |
| Pool OATT Schedule 9 Pre-97 RNS Charge | Values represent monthly total OATT Schedule 9 Pre-97 RNS Charge in the pool. |
| Pool Schedule 9 Pre-97 Revenue Requirements Dollars | Values represent total annual OATT Schedule 9 Pre-97 Revenue Requirement Dollars. |
| Pool OATT Schedule 9 Post-96 RNS Charge | Values represent monthly total OATT Schedule 9 Post-96 RNS Charge in the pool. |
| Pool Schedule 9 Post-96 Revenue Requirements Dollars | Values represent total annual OATT Schedule 9 Post-96 Revenue Requirement Dollars. |
| OATT Schedule 9 Pre-97 RNS Payment | Payment for services rendered in accordance with OATT Schedule 9 Pre-97 RNS. |
| OATT Schedule 9 Post-96 RNS Payment | Payment for services rendered in accordance with OATT Schedule 9 Post-96 RNS. |
| Subaccounts | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| OATT Schedule 9 Pre-97 RNS Charge | Subaccount share of customer's OATT Schedule 9 Pre-97 RNS Charge. |
| OATT Schedule 9 Post-96 RNS Charge | Subaccount share of customer's OATT Schedule 9 Post-96 RNS Charge. |
| OATT Schedule 9 Pre-97 RNS Payment | Subaccount share of customer's OATT Schedule 9 Pre-97 RNS Payment. |
| OATT Schedule 9 Post-96 RNS Payment | Subaccount share of customer's OATT Schedule 9 Post-96 RNS Payment. |

| TR_OATTSCH9RNS Change Summary | Effective Date |
|--|----------------|
| Modified. In the "Charges" section, added "Monthly Regional Pool Network Load Value ESD Adjusted" column. | 08.01.2020 |
| Modified. In the "Charges" section, added "Energy Storage Device Flag" column. | 01.01.2020 |
| Modified. In the "Subaccounts" section, modified "Subaccount ID" description. | 06.01.2016 |
| Modified. Added new "Subaccounts" section. | 06.01.2016 |
| Modified. Section "Charges" updated column to "Regional Network Load ID" from "Network Load ID"; to "Local Network" from "Local Network Serving Load"; to "Regional Network Load Name" from "Network Load Name"; to "Monthly Regional Pool Network Load Value" from "Pool Network Load Value" with corresponding subheading updated to "kW-Month" from "kW"; to "Monthly Regional Network Load Value" from "Network Load Value" with corresponding subheading updated to "kW-Month" from "kW". Section "Payments" updated column to "DUNS Name" from "Duns Name"; to "Customer Schedule 9 Pre-97 Revenue Requirement Dollars" from "Participant Schedule9 Pre-97 Revenue Requirement Dollars"; to "Customer Schedule 9 Pre-97 Revenue Requirement Percent" from "Participant Schedule9 Pre-97 Revenue Requirement Percent"; to "Customer Schedule | 10.20.2011 |

| | |
|--|------------|
| 9 Post-96 Revenue Requirement Dollars" from "Participant Schedule 9 Post-96 Revenue Requirement Dollars"; to "Customer Schedule 9 Post-96 Revenue Requirement Percent" from "Participant Schedule 9 Post-96 Revenue Requirement Percent". The first version of this report is expected with the June 2011 resettlement and the September 2011 initial settlement, both distributed after October 20, 2011. | |
| New. | 10.01.2010 |

| TR_OATTSCH9RNS2 – Monthly OATT Schedule 9 Regional Network Service (RNS) Settlement – Rev 0 TR_OATTSCH9RNS2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| SUMMARY | |
| OATT Schedule 9 RNS Charge | Cumulative total of all OATT Schedule 9 RNS charges for the Customer |
| OATT Schedule 9 RNS Payment | Cumulative total of all OATT Schedule 9 RNS payments for the Customer |
| Net Amount | Net amount of cumulative total OATT Schedule 9 RNS charges, and cumulative total OATT Schedule 9 RNS payments for the Customer. |
| CHARGES | |
| DUNS Number | DUNS Number |
| DUNS Name | DUNS Name |
| Local Network | Local Network |
| Regional Network Load ID | Regional Network Load ID |
| Regional Network Load Name | Regional Network Load Name |
| Monthly Regional Network Load Value | Values submitted by Transmission Owner (TO) for the Regional Network Load for each customer displayed as kW-Month. |
| Pool Monthly Regional Network Load Value | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month. |
| Energy Storage Device Flag | Indicates that this Regional Network Load is associated with an Energy Storage Device, and is not associated with any other non-charging load |
| Pool Monthly Regional Network Load Value ESD Adjusted | Values represent monthly total Regional Network Load value in the pool displayed as kW-Month, excluding Energy Storage Device exempt Regional Network Loads. |
| OATT Schedule 9 RNS Rate | Rate associated with charges incurred in accordance with the OATT Schedule 9 RNS. |
| OATT Schedule 9 RNS Charge | Amount billed to the Customer for services rendered in accordance with OATT Schedule 9 RNS. |
| PAYMENTS | |
| DUNS Number | DUNS Number |
| DUNS Name | DUNS Name |
| Customer OATT Schedule 9 RNS Revenue Requirements Dollars | Annual Revenue Requirement cost incurred for OATT Schedule 9. |
| Customer OATT Schedule 9 RNS Revenue Requirements Percent | Percent based on pro rata share of annual Pool OATT Schedule 9 RNS Revenue Requirement Dollars. |
| Pool OATT Schedule 9 RNS Charge | Values represent monthly total OATT Schedule 9 RNS Charge in the pool. |
| Pool OATT Schedule 9 RNS Revenue Requirements Dollars | Values represent total annual OATT Schedule 9 RNS Revenue Requirement Dollars. |

| | |
|--|---|
| TR_OATTSCH9RNS2 – Monthly OATT Schedule 9 Regional Network Service (RNS) Settlement – Rev 0 TR_OATTSCH9RNS2_<customer id>_<settlement date>_<version>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-market settlement. These charges will appear in Monthly Services for the bill two months following the settlement month. | |
| REPORT COLUMN | DESCRIPTION |
| OATT Schedule 9 RNS Payment | Payment for services rendered in accordance with OATT Schedule 9 RNS. |
| SUBACCOUNT | |
| Subaccount ID | Subaccount ID No value is reported in this column when subaccount reporting is not enabled |
| Subaccount Name | Subaccount Name No value is reported in this column when subaccount reporting is not enabled |
| OATT Schedule 9 RNS Charge | Subaccount share of customer's OATT Schedule 9 RNS Charge. |
| OATT Schedule 9 RNS Payment | Subaccount share of customer's OATT Schedule 9 RNS Payment. |

| | |
|---------------------------------------|-----------------------|
| TR_OATTSCH9RNS2 Change Summary | Effective Date |
| New | 01.01.2022 |

TR_OATTSCH9RNS2SUB – Monthly OATT Schedule 9 Regional Network Service (RNS) Settlement Subaccount – Rev 0

TR_OATTSCH9RNS2SUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|-----------------------------|---|
| Subaccount | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| OATT Schedule 9 RNS Charge | Subaccount share of customer's OATT Schedule 9 RNS Charge. |
| OATT Schedule 9 RNS Payment | Subaccount share of customer's OATT Schedule 9 RNS Payment. |

| TR_OATTSCH9RNS2SUB Change Summary | Effective Date |
|-----------------------------------|----------------|
| New. | 11.01.2022 |

| TR_SCH2DT – ISO Tariff Schedule 2 Detail – Rev 5 | |
|---|---|
| TR_SCH2DT_<customer>_<settlement date>_<version date>.CSV | |
| <Customer Name> | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Post-monthly market settlement | |
| REPORT COLUMN | DESCRIPTION |
| Schedule 2 Detail | |
| Billing Determinant | Description of billing metric. All possible determinants are listed in this column. If no data exists for a determinant, '0' will show in the appropriate column. |
| Energy Transaction Units | Number of Energy Transaction Units in this rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW hours. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block. |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |
| Schedule 2 Subaccount Detail | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Billing Determinant | Description of billing metric. All possible determinants are listed in this column. If no data exists for a determinant, '0' will show in the appropriate column. |
| Energy Transaction Units | Number of Energy Transaction Units in this rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW hours. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block. |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |

| TR_SCH2DT Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Schedule 2 Subaccount Detail” section, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. Added new “Schedule 2 Subaccount Detail” section. | 06.01.2016 |
| Modified. No change in report structure. Modified all columns and descriptions to conform to language in the Transmission, Markets & Services Tariff, Section IV.A, Recovery of ISO Administrative Expenses, Schedule 2 Energy Administrative Service. Any report produced after January 31, 2014, will have these revisions. | 01.31.2014 |
| Existing. Added two new columns "Submitted FTR TU" and "Cleared FTR TU". | 01.01.2001 |

| TR_SCH2DTSUB – ISO Tariff Schedule 2 Detail Subaccount – Rev 0 TR_SCH2DTSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Schedule 2 Subaccount Detail | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Billing Determinant | Description of billing metric. All possible determinants are listed in this column. If no data exists for a determinant, '0' will show in the appropriate column. |
| Energy Transaction Units | Number of Energy Transaction Units in the rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW hours. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |

| TR_SCH2DTSUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 11.01.2022 |

TR_SCH2TP – ISO Tariff Schedule 2 Top Level – Rev 5

TR_SCH2TP_<customer>_<settlement date>_<version date>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-monthly market settlement

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Schedule 2 Top Level | |
| Block | Rate block. |
| Energy Transaction Units | Number of Energy Transaction Units in this rate block. |
| Energy Transaction Units Rate | Dollars per Energy Transaction Units for this rate block. |
| Energy Transaction Units Dollars | Energy Transaction Units multiplied by Energy Transaction Units rate for this rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW hours. |
| Volumetric Measures Rate | Dollars per Volumetric Measures for this rate block. |
| Volumetric Measures Dollars | Volumetric Measures multiplied by Volumetric Measures rate for this rate block. |
| Total ISO Schedule 2 Charges | Total ISO Schedule 2 charges. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Submitted Increment Offers and Decrement Bids Rate | Dollars per submitted Increment Offers and Decrement Bids for this rate block. |
| Submitted Increment Offers and Decrement Bids Dollars | Submitted Increment Offers and Decrement Bids multiplied by submitted Increment Offers and Decrement Bids rate for this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids Rate | Dollars per Increment Offers and Decrement Bids for this rate block. |
| Cleared Increment Offers and Decrement Bids Dollars | Cleared Increment Offers and Decrement Bids multiplied by cleared Increment Offers and Decrement Bids rate for this rate block. |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Submitted FTR Auction Bids Rate | Dollars per submitted FTR auction bids for this rate block. |
| Submitted FTR Auction Bids Dollars | Submitted FTR auction bids multiplied by submitted FTR auction bids rate for this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |
| Cleared FTR Auction Bids Rate | Dollars per cleared FTR auction bids for this rate block. |
| Cleared FTR Auction Bids Dollars | Cleared FTR auction bids multiplied by cleared FTR auction bids rate for this rate block. |
| Schedule 2 Subacct Top Level | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Block | Rate block. |
| Energy Transaction Units | Number of Energy Transaction Units in this rate block. |
| Energy Transaction Units Rate | Dollars per Energy Transaction Units for this rate block. |

TR_SCH2TP – ISO Tariff Schedule 2 Top Level – Rev 5

TR_SCH2TP_<customer>_<settlement date>_<version date>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-monthly market settlement

| REPORT COLUMN | DESCRIPTION |
|---|---|
| Energy Transaction Units Dollars | Energy Transaction Units multiplied by Energy Transaction Units rate for this rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW hours. |
| Volumetric Measures Rate | Dollars per Volumetric Measures for this rate block. |
| Volumetric Measures Dollars | Volumetric Measures multiplied by Volumetric Measures rate for this rate block. |
| Total ISO Schedule 2 Charges | Total ISO Schedule 2 charges. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Submitted Increment Offers and Decrement Bids Rate | Dollars per submitted Increment Offers and Decrement Bids for this rate block. |
| Submitted Increment Offers and Decrement Bids Dollars | Submitted Increment Offers and Decrement Bids multiplied by submitted Increment Offers and Decrement Bids rate for this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids Rate | Dollars per Increment Offers and Decrement Bids for this rate block. |
| Cleared Increment Offers and Decrement Bids Dollars | Cleared Increment Offers and Decrement Bids multiplied by cleared Increment Offers and Decrement Bids rate for this rate block. |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Submitted FTR Auction Bids Rate | Dollars per submitted FTR auction bids for this rate block. |
| Submitted FTR Auction Bids Dollars | Submitted FTR auction bids multiplied by submitted FTR auction bids rate for this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |
| Cleared FTR Auction Bids Rate | Dollars per cleared FTR auction bids for this rate block. |
| Cleared FTR Auction Bids Dollars | Cleared FTR auction bids multiplied by cleared FTR auction bids rate for this rate block. |

| TR_SCH2TP Change Summary | Effective Date |
|--|----------------|
| Modified. In the “Schedule 2 Subacct Top Level” section, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. Added new “Schedule 2 Subacct Top Level” section. | 06.01.2016 |
| Modified. No change in report structure. Modified all columns and descriptions to conform to language in the Transmission, Markets & Services Tariff, Section IV.A, Recovery of ISO Administrative Expenses, Schedule 2 Energy Administrative Service. Any report produced after January 31, 2014, will have these revisions. | 01.31.2014 |
| Existing. Added six columns "Submitted FTR TU", "Submitted FTR TU Rate", "Submitted FTR TU Dollars", "Cleared FTR Energy TU", "Cleared FTR TU Rate" and "Cleared FTR TU Dollars". | 01.01.2001 |

| TR_SCH2TPSUB – ISO Tariff Schedule 2 Top Level Subaccount – Rev 0 TR_SCH2TPSUB_<customer id>_<settlement date>_<version>_<subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Schedule 2 Subacct Top Level | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Block | Rate block. |
| Energy Transaction Units | Number of Energy Transaction Units in the rate block. |
| Energy Transaction Units Rate | Dollars per Energy Transaction units for this rate block. |
| Energy Transaction Units Dollars | Energy Transaction Units multiplied by Energy Transaction Units rate for this rate block. |
| Volumetric Measures | Number of Volumetric Measures in this rate block, measured in MW, hours. |
| Volumetric Measures Rate | Dollars per Volumetric Measures for this rate block. |
| Volumetric Measures Dollars | Volumetric Measures multiplied by Volumetric Measures rate for this rate block. |
| Submitted Increment Offers and Decrement Bids | Number of submitted Increment Offers and Decrement Bids in this rate block. |
| Submitted Increment Offers and Decrement Bids Rate | Dollars per submitted Increment Offers and Decrement Bids for this rate block. |
| Submitted Increment Offers and Decrement Bids Dollars | Submitted Increment Offers and Decrement Bids multiplied by submitted Increment Offers and Decrement Bids rate for this rate block. |
| Cleared Increment Offers and Decrement Bids | Number of cleared Increment Offers and Decrement Bids in this rate block. |
| Cleared Increment Offers and Decrement Bids Rate | Dollars per cleared Increment Offers and Decrement Bids for this rate block. |
| Cleared Increment Offers and Decrement Bids Dollars | Cleared Increment Offers and Decrement Bids multiplied by cleared Increment Offers and Decrement Bids rate for this rate block. |
| Submitted FTR Auction Bids | Number of submitted FTR auction bids in this rate block. |
| Submitted FTR Auction Bids Rate | Dollars per submitted FTR auction bids for this rate block. |
| Submitted FTR Auction Bids Dollars | Submitted FTR auction bids multiplied by submitted FTR auction bids rate for this rate block. |
| Cleared FTR Auction Bids | Number of cleared FTR auction bids in this rate block. |
| Cleared FTR Auction Bids Rate | Dollars per cleared FTR auction bids for this rate block. |
| Cleared FTR Auction Bids Dollars | Cleared FTR auction bids multiplied by cleared FTR auction bids rate for this rate block. |
| Total ISO Schedule 2 Charges | Total ISO Schedule 2 charges. |

| TR_SCH2TPSUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 11.01.2022 |

TR_SCH3P1 – ISO Tariff Schedule 3 Part 1 – Rev 4

TR_SCH3P1_<customer>_<settlement date>_<version date>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Post-monthly market settlement

| REPORT COLUMN | DESCRIPTION |
|-------------------|---|
| Customer ID | Customer number. |
| Company Name | Company name. |
| Start Date | Start Date/Time for a particular charge. |
| Stop Date | Stop Date/Time for a particular charge. |
| Type | Description of the type of charge (Daily, Hourly, etc). |
| Rate | Rate for this charge (\$/increment). |
| Increments | Number of rate increments included in the period between start and stop times. For example an hourly charge with start and stop times 1 day apart will have 24 increments. If start and stop times were 8 hours apart, there would be 8 increments. |
| Through/Out Total | Rate multiplied by Increments. This column also contains a grand total at the bottom summarizing all customers. Each customer appearing on the report gets a report showing totals for all customers. |

| TR_SCH3P1 Change Summary | Effective Date |
|---|----------------|
| Existing. Modified the header in the report Template. Replaced "Point to Point" with "Through or Out". | 01.01.2008 |

| TR_SCH3P2 – ISO Tariff Schedule 3 Part 2 – Rev 5 TR_SCH3P2_<customer>_<settlement date>_<version date>.CSV <Customer Name> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Post-monthly market settlement | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Schedule 3 Part 2 | |
| Description | Either ‘RT NCP Load Obligation’ or ‘Exports’. |
| Day/Hour | Hour (in local time) where customer reached peak electrical load. If peak was reached in multiple hours during the month, this will be the earliest. Null for exports. |
| Rate | Dollars per kWh. |
| Amount | Number of kWh. |
| Charges | Rate multiplied by kWh. |
| Schedule 3 Subaccount Part 2 | |
| Subaccount ID | The alpha numeric identifier for the subaccount. |
| Subaccount Name | The name of the subaccount. |
| Description | Either ‘RT NCP Load Obligation’ or ‘Exports’. |
| Day/Hour | Hour (in local time) where customer reached peak electrical load. If peak was reached in multiple hours during the month, this will be the earliest. Null for exports. |
| Rate | Dollars per kWh. |
| Amount | Number of kWh. |
| Charges | Rate multiplied by kWh. |

| TR_SCH3P2 Change Summary | Effective Date |
|---|----------------|
| Modified. In the “Schedule 3 Subaccount Part 2” section, modified “Subaccount ID” description. | 06.01.2016 |
| Modified. Added new “Schedule 3 Subaccount Part 2” section. | 06.01.2016 |
| Modified. No change in report structure. Revised description of the "Description" column. Any report produced after January 31, 2014, will have this revision. | 01.31.2014 |
| Existing. | 01.01.2001 |

| TR_SCH3P2SUB – ISO Tariff Schedule 3 Part 2 Subaccount – Rev 0 TR_SCH3P2SUB_<customer id>_<settlement date>_<version>_subaccount id>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Schedule 3 Subaccount Part 2 | |
| Subaccount ID | Subaccount ID |
| Subaccount Name | Subaccount Name |
| Description | Appropriate values are: <ul style="list-style-type: none"> • 'RT NCP Load Obligation' • 'Exports'. |
| Day/Hour | Hour (in local time) where customer reached peak electrical load. If peak was reached in multiple hours during the month, this will be the earliest. No value is reported in this column for exports. |
| Rate | Dollars per kWh. |
| Amount | Number of kWh. |
| Charges | Rate \times kWh. |

| TR_SCH3P2SUB Change Summary | Effective Date |
|-----------------------------|----------------|
| New. | 11.01.2022 |

| WW_BLACKSTART_ISO – OATT Schedule 16 – Black Start Report- <i>RETIRED</i> | |
|---|---|
| WW_BLACKSTART_ISO_settlement date_version.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Monthly after the Settlement Charges are run. | |
| REPORT COLUMN | DESCRIPTION |
| Pool Data Section | |
| Pool Black Start Seasonal Claimed Capability | Value represents total pool Black Start units' claimed capability. |
| Monthly Black Start Payments | Value represents Monthly Black Start payments. |
| Monthly Black Start Charges | Value represents Monthly Black Start charges. |
| Pool Monthly Network Load | Value represents total pool Monthly Network Load value. |
| Customer Details Section | |
| Customer ID | Numerical identifier for the Customer. |
| DUNS Number | Number used to identify the "entity responsible for the customer's bill". |
| Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| Network Load Name | Name given to network load. |
| Monthly Network Load | Values represent customer's monthly Network Load. |
| Monthly Black Start Charges | Values represent total Black Start charges to the customer. |
| Customer Total Charges | Values represent total Black Start charges by customer. |

| WW_BLACKSTART_ISO Change Summary | Effective Date |
|--|----------------|
| Retired. This report will be issued for any resettlements for any obligation month prior to 01.01.2013. | 01.01.2013 |
| Existing. | 07.01.2007 |

| WW_DAHBARD – Day-Ahead Energy Bids for ARDs – Rev 0 WW_DAHBARD_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|---|--|-------------|--|
| DESCRIPTION | ARD bid data received by the ISO from participants for the Day-Ahead Energy market. Published with the FERC-ordered time lag and with market participant and asset identifiers masked with a unique, consistent identifier. Masked identifier numbers are consistent with pre-SMD identifiers. The report set is generated monthly; one report for each day of the month. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_DAHBARD_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: if Number of Bid segments exceed 10 per day, Segments that are greater than 10 will not be included in the report file Note: Non-utilized segments will be populated with 'null' rather than zeros | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 8000 records per day | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character 'C', 'H', 'D', or 'T' which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of 'D' lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 2 | Masked Lead Participant ID | Number | Participant responsible for the asset, masked by a unique, consistent identifier |
| 3 | Masked Asset ID | Number | The asset identifier of the generating unit, masked by a unique, consistent identifier |
| 4 | Minimum Consumption | Number | The minimum amount (in MWh) that the ARD is willing to consume |
| 5 | Maximum Consumption | Number | The maximum amount (in MWh) that the ARD is willing to consume |
| 6 | Claim 10 | Number | The amount of Claimed 10-minute reserve offered by the ARD |
| 7 | Claim 30 | Number | The amount of Claimed 30-minute reserve offered by the ARD |
| 8 | Offer Block Price 1 | Number | First Segment offer price associated with the segment MW quantity in \$/MW |
| 9 | Offer Block Energy 1 | Number | First Segment MW value |
| 10 | Offer Block Price 2 | Number | Second Segment offer price (This and subsequent segments populated if supplied by Participant, null if not supplied) |
| 11 | Offer Block Energy 2 | Number | Second Segment MW value |
| 12 | Offer Block Price 3 | Number | Third Segment offer price |
| 13 | Offer Block Energy 3 | Number | Third Segment MW value |

| WW_DAHBARD – Day-Ahead Energy Bids for ARDs – Rev 0 WW_DAHBARD_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|---|-----------------------|--------|-----------------------------|
| 14 | Offer Block Price 4 | Number | Fourth Segment offer price |
| 15 | Offer Block Energy 4 | Number | Fourth Segment MW value |
| 16 | Offer Block Price 5 | Number | Fifth Segment offer price |
| 17 | Offer Block Energy 5 | Number | Fifth Segment MW value |
| 18 | Offer Block Price 6 | Number | Sixth Segment offer price |
| 19 | Offer Block Energy 6 | Number | Sixth Segment MW value |
| 20 | Offer Block Price 7 | Number | Seventh Segment offer price |
| 21 | Offer Block Energy 7 | Number | Seventh Segment MW value |
| 22 | Offer Block Price 8 | Number | Eighth Segment offer price |
| 23 | Offer Block Energy 8 | Number | Eighth Segment MW value |
| 24 | Offer Block Price 9 | Number | Ninth Segment offer price |
| 25 | Offer Block Energy 9 | Number | Ninth Segment MW value |
| 26 | Offer Block Price 10 | Number | Tenth Segment offer price |
| 27 | Offer Block Energy 10 | Number | Tenth Segment MW value |

| WW_DAHBARD Change Summary | Effective Date |
|---------------------------|----------------|
| Existing. | 10.01.2006 |

| | | | |
|--|-----------------------|---|--|
| WW_DAHBDEMAND – Day-Ahead Demand Bids – Rev 1 WW_DAHBDEMAND_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
| DESCRIPTION | | Demand and Virtual Bid data received by the ISO from participants for the Day-Ahead Energy market. Published with the FERC-ordered time lag and with market participant and location identifiers masked with a unique, consistent identifier. Participant masked identifier numbers are consistent with pre-SMD identifiers. The reports are generated monthly; one report for each day of the month. | |
| DELIVERY METHOD | | WWW (ISO-NE website) | |
| FILENAME | | WW_DAHBDEMAND_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMMSS Note: If Number of Bid segments exceed 50 per day, segments that are greater than 50 will not be included in the report file. For example purposes only, 10 bid segments are shown. Note: Non-utilized segments will be populated with ‘null’ rather than zeros. | |
| FORMAT | | Comma Delimited (CSV) | |
| SIZE | | 8000 records per day | |
| LIFETIME | | N/A | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this bid applies, in hour ending convention |
| 2 | Masked Participant ID | Number | Participant submitting this bid, masked by a unique, consistent identifier |
| 3 | Masked Location ID | Number | The Location identifier of this bid, masked by a unique, consistent identifier |
| 4 | Location Type | String | The Location type of this bid – one of ‘NODE’, ‘ZONE’ or ‘HUB’ |
| 5 | Bid Type | String | One of ‘FIXED’ or ‘PRICE’ for demand bids, ‘INC’ for virtual supply offer, or ‘DEC’ for virtual demand bid |
| 6 | Bid Block Price 1 | Number | First Segment bid price associated with the segment MW quantity in \$/MW |
| 7 | Bid Block Energy 1 | Number | First Segment MW value |
| 8 | Bid Block Price 2 | Number | Second Segment bid price (This and subsequent segments populated if supplied by Participant for Bid Types = ‘PRICE’, ‘INC’, and ‘DEC’, Does not apply to type ‘FIXED’) |
| 9 | Bid Block Energy 2 | Number | Second Segment MW value |
| 10 | Bid Block Price 3 | Number | Third Segment bid price |
| 11 | Bid Block Energy 3 | Number | Third Segment MW value |
| 12 | Bid Block Price 4 | Number | Fourth Segment bid price |

| WW_DAHBDEMAND – Day-Ahead Demand Bids – Rev 1 WW_DAHBDEMAND_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|------------------------|--------|---------------------------|
| 13 | Bid Block Energy 4 | Number | Fourth Segment MW value |
| 14 | Bid Block Price 5 | Number | Fifth Segment bid price |
| 15 | Bid Block Energy 5 | Number | Fifth Segment MW value |
| 16 | Bid Block Price 6 | Number | Sixth Segment bid price |
| 17 | Bid Block Energy 6 | Number | Sixth Segment MW value |
| 18 | Bid Block Price 7 | Number | Seventh Segment bid price |
| 19 | Bid Block Energy 7 | Number | Seventh Segment MW value |
| 20 | Bid Block Price 8 | Number | Eighth Segment bid price |
| 21 | Bid Block Energy 8 | Number | Eighth Segment MW value |
| 22 | Bid Block Price 9 | Number | Ninth Segment bid price |
| 23 | Bid Block Energy 9 | Number | Ninth Segment MW value |
| 24 | Bid Block Price 10 | Number | Tenth Segment bid price |
| 25 | Bid Block Energy 10 | Number | Tenth Segment MW value |

| WW_DAHBDEMAND Change Summary | Effective Date |
|---|----------------|
| Modified. Report will include up to, and including, 50 bid segments. | 06.01.2011 |

| WW_DAHBENERGY – Day-Ahead Energy Offers – Rev 1 WW_DAHBENERGY_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|---|-------------|--|
| DESCRIPTION | Generation offer data received by the ISO from participants for the Day-Ahead Energy market. Published with the FERC-ordered time lag and with market participant and asset identifiers masked with a unique, consistent identifier. Masked identifier numbers are consistent with pre-SMD identifiers. The report set is generated monthly; one report for each day of the month. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_DAHBENERGY_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: if Number of Bid segments exceed 10 per day, Segments that are greater than 10 will not be included in the report file Note: Non-utilized segments will be populated with 'null' rather than zeros | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 8000 records per day | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character 'C', 'H', 'D', or 'T' which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of 'D' lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 2 | Masked Lead Participant ID | Number | Participant responsible for the asset, masked by a unique, consistent identifier |
| 3 | Masked Asset ID | Number | The asset identifier of the generating unit, masked by a unique, consistent identifier |
| 4 | Must Take Energy | Number | The Amount of energy self-scheduled by the Participant in the hour from this resource |
| 5 | Maximum Daily Energy Available | Number | For Limited Energy Generators (units unable to operate continuously at full output on a daily basis), the total amount of energy available to be scheduled by the ISO during the day |
| 6 | Economic Maximum | Number | The maximum generation, in MW, of the Participant's generating unit during non-Emergencies Conditions, as submitted for the DA market |
| 7 | Economic Minimum | Number | The minimum generation, in MW, of the Participant's generating unit during non-Emergencies Conditions, as submitted for the DA market |
| 8 | Cold Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from a cold condition |
| 9 | Intermediate Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from an intermediate condition |

| WW_DAHBENERGY – Day-Ahead Energy Offers – Rev 1 WW_DAHBENERGY_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|-----------------------|--------|--|
| 10 | Hot Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from a hot condition |
| 11 | No Load Price | Number | The amount, in dollars per hour, that must be paid to this unit for being scheduled in the NEPOOL Market, in addition to start-up fees and supply offers, for each hour that the generating unit is scheduled in the NEPOOL Market |
| 12 | Offer Block Price 1 | Number | First Segment offer price associated with the segment MW quantity in \$/MW |
| 13 | Offer Block Energy 1 | Number | First Segment MW value |
| 14 | Offer Block Price 2 | Number | Second Segment offer price (This and subsequent segments populated if supplied by Participant, null if not supplied) |
| 15 | Offer Block Energy 2 | Number | Second Segment MW value |
| 16 | Offer Block Price 3 | Number | Third Segment offer price |
| 17 | Offer Block Energy 3 | Number | Third Segment MW value |
| 18 | Offer Block Price 4 | Number | Fourth Segment offer price |
| 19 | Offer Block Energy 4 | Number | Fourth Segment MW value |
| 20 | Offer Block Price 5 | Number | Fifth Segment offer price |
| 21 | Offer Block Energy 5 | Number | Fifth Segment MW value |
| 22 | Offer Block Price 6 | Number | Sixth Segment offer price |
| 23 | Offer Block Energy 6 | Number | Sixth Segment MW value |
| 24 | Offer Block Price 7 | Number | Seventh Segment offer price |
| 25 | Offer Block Energy 7 | Number | Seventh Segment MW value |
| 26 | Offer Block Price 8 | Number | Eighth Segment offer price |
| 27 | Offer Block Energy 8 | Number | Eighth Segment MW value |
| 28 | Offer Block Price 9 | Number | Ninth Segment offer price |
| 29 | Offer Block Energy 9 | Number | Ninth Segment MW value |
| 30 | Offer Block Price 10 | Number | Tenth Segment offer price |
| 31 | Offer Block Energy 10 | Number | Tenth Segment MW value |
| 32 | Claim 10 | Number | The amount of Claimed 10 minute reserve offered |
| 33 | Claim 30 | Number | The amount of Claimed 30 minute reserve offered |

| WW_DAHBENERGY Change Summary | Effective Date |
|------------------------------|----------------|
| Existing. | 03.01.2003 |

| WW_DAHBREGASM – Day-Ahead Regulation Offers – Rev 0 WW_DAHBREGASM_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|----------------------------|--|--|
| DESCRIPTION | | Regulation offer data received by the ISO from participants for the Day-Ahead Regulation market under ASM Phase I (October 1, 2005). Published with the FERC-ordered time lag and with market participant and asset identifiers masked with a unique, consistent identifier. Masked identifier numbers are consistent with pre-SMD identifiers. The report is generated monthly; one report for each day of the month. | |
| DELIVERY METHOD | | WWW (ISO-NE website) | |
| FILENAME | | WW_DAHBREGASM_ISO_settlement_version.CSV settlement is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, version is the date/time when the report was generated, formatted as YYYYMMDDHHMISS | |
| FORMAT | | Comma Delimited (CSV) | |
| SIZE | | 7000 records per day | |
| LIFETIME | | N/A | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 2 | Masked Lead Participant ID | Number | Participant responsible for the asset, masked by a unique, consistent identifier |
| 3 | Masked Asset ID | Number | The asset identifier of the generating unit, masked by a unique, consistent identifier |
| 4 | Regulation Low Limit | Number | The Regulation Low Limit is the minimum amount of energy that a generating unit can reliably produce when that unit is providing Regulation. The Regulation Low Limit may be greater than or equal to the unit’s Economic Minimum Limit. |
| 5 | Regulation High Limit | Number | The Regulation High Limit is the maximum amount of energy that a generating unit can reliably produce when that unit is providing Regulation. The Regulation High Limit may be less than or equal to the unit’s Economic Maximum Limit. |
| 6 | Regulating Status | String | Either ‘Available’ or ‘Unavailable’ for regulation in the hour. |
| 7 | Automatic Response Rate | Number | The response rate, in MW/minute, at which a Market Participant is willing to have a generating unit change its output while providing Regulation between Regulation High Limit and Regulation Low Limit. |
| 8 | Regulation Offer Price | Number | The price requested by the Participant to provide regulation service in \$/MWh. |

| WW_DAHBREGASM Change Summary | Effective Date |
|------------------------------|----------------|
| Existing | 10.01.2005 |

| WW_DALMPC Monthly Average Day-Ahead LMP Congestion Component Report WW_DALMPC_ISO<settlement date>_<version>.CSV Date: <mm/dd/yyyy> and Version: <mm/dd/yyyy hh: mm: ss> GMT Availability: Monthly report provides necessary details to calculate Settlement Risk Financial Assurance associated with FTR bids and awards. Report provided to all customers on the 1 st of the month prior to the applicable FTR auction. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| MONTH | The month for which the information is reported mm/dd/yyyy |
| LOCATION ID | Location Identification Number |
| LOCATION NAME | Location Name |
| ON-PEAK AVERAGE DALMP CONGESTION COMPONENT | The monthly average of all On-Peak Day Ahead Locational Marginal Prices for Congestion at the Node for the applicable month. |
| OFF-PEAK AVERAGE DALMP CONGESTION COMPONENT | The monthly average of all Off-Peak Day Ahead Locational Marginal Prices for Congestion at the Node for the applicable month. |

| WW_DALMPC Change Summary | Effective Date |
|--------------------------|----------------|
| Existing | 05.01.2007 |

| WW_DALROFFER – Day-Ahead Load Response Offer Data – Rev 0 WW_DALROFFER_ISO_date_version.CSV Date: yyyyymmdd00 Version: yyyyymmdd0000 Availability: Monthly, By Day, with the FERC-ordered time lag | | | |
|---|--|-------------|---|
| DESCRIPTION | Day-Ahead Load Response Offers as received by the ISO from participants for Day-Ahead Energy Market. Published with market participant identity and asset identity masked. The report is generated when the data are 6-months old – one report for each day. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_DALROFFER_ISO_operating_date_version.CSV <i>Operating_date</i> is the date for which the data applies, formatted as YYYYMMDD00 – the market day. <i>version</i> is the date on which the ISO generated the file, formatted as YYYYMMDD. Note: Day-Ahead Load Response Offers are published as received by the ISO and as used in Day-Ahead Market clearing. | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | Up to 250 offers per auction | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| 1 | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. Note: All files have a blank line after the Comment line. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 2 | Trading Date | Number | Date to which the data apply, formatted as MM/DD/YYYY. |
| 3 | Masked Customer ID | String | Participant, masked by a unique, consistent identifier |
| 4 | Masked Asset ID | String | Asset, masked by a unique, consistent identifier |
| 5 | Offer MW | Number | Load Response offer in MW applicable to every hour during the window 7am – 6pm (hour ending 8 to hour ending 18) for non-holiday weekdays |
| 6 | Offer Price | String | The offer price in \$/MW applicable to every hour during the window 7am – 6pm (hour ending 8 to hour ending 18) for non-holiday weekdays |
| 7 | Curtailment Initiation Price | Number | The price at which the asset is willing to interrupt consumption. |
| 8 | Minimum Interruption Duration (in Hours) | Number | The minimum number of hours the asset will once interrupted. |

| WW_DALROFFER Change Summary | | Effective Date |
|------------------------------------|--|-----------------------|
| Existing | | 06.01.2005 |

| WW_DALRRESULT – Day-Ahead Demand Reduction Clearing Results Report WW_DALRRESULT_ISO_<operating date>_version.CSV <operating date> is the first day of the month for which the report applies, formatted as YYYYMMDD00, Version is the date/time when the report was created, formatted as YYYYMMDDHHMISS | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Trading Date | Specific day for which the information is reported. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| Location ID | Location Identification Number. |
| Location Name | Name of the location. |
| Day-Ahead Cleared Demand Reduction MW | The Day-Ahead MW amount of the cleared Demand Reduction Offer in the specified trading interval. |

| WW_DALRRESULT Change Summary | Effective Date |
|---|----------------|
| Modified. The name of the report changed to "Day-Ahead Demand Reduction Clearing Results Report". Column heading changed from "Day-ahead Load Response Cleared MW" to "Day-Ahead Cleared Demand Reduction MW". | 06.01.2012 |

| WW_DARTIMPEXPB-DA-RT Import-Export Bid Data Report – Rev 0 | | | |
|--|--|--------|--|
| WW_DARTIMPEXPB_ISO_date_version.CSV | | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | | | |
| Availability: Monthly, by Day | | | |
| DESCRIPTION | Day-Ahead and Real-Time Import Offer and Export Bid Data received by the ISO from participants. Published with the FERC-ordered time lag and with a unique, consistent masked market participant identifier. Also contains masked originating location and destination location. Masked identifier numbers are consistent with pre-SMD identifiers. The report set is generated monthly; one report for each day of the month. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_DARTIMPEXPB_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: Non-utilized segments will be populated with ‘null’ rather than zeros | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 8000 records per day | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Trading Date | | The Trading Day for which the offer and or bid applies |
| 2 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 3 | Market Service Type | String | A flag for the Market Product involved in the transaction. Either Day Ahead or Real Time Market’. |
| 4 | Masked Customer ID | Number | Participant responsible for the transaction and or offer bid, masked by a unique, consistent identifier |
| 5 | Masked Originating Location ID | Number | The Originating Location identifier of this bid and or offer, masked by a unique, consistent identifier |
| 6 | Masked Destination Location ID | Number | The Destination Location identifier of this bid and or offer, masked by a unique, consistent identifier |
| 7 | Direction | String | A string indicating the direction the contract is flowing: One of either ‘Import’ or ‘Export’ |
| 8 | Emergency Flag | String | A Flag of either ‘Y’ for yes or ‘N’ for No.: |
| 9 | Transaction Type | String | A string indicating the type of contract: One of either ‘Fixed’ or ‘Dispatchable.’ |
| 10 | Price | Number | The price (\$/MWh) associated with the offer and or bid |
| 11 | Bid MW | Number | The MW quantity of the bid and or offer or offer |

| WW_DARTIMPEXPB Change Summary | Effective Date |
|-------------------------------|----------------|
| Existing | 03.01.2003 |

| WW_DASTLSUM – Day-Ahead Market Settlement Status Report WW_DASTLSUM_ISO_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily or on demand by Settlement need. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Day Ahead Settlement Status Section | |
| Operating Day | Specific day for which the information is reported: mm/dd/yyyy |
| Market | Identifies the name of the Day-Ahead Hourly market settlement that was released, specified as: <ul style="list-style-type: none"> • Day Ahead Energy • Hourly FTR • Day Ahead NCPC |
| Settlement Type | Designates the type of settlement, specified as: <ul style="list-style-type: none"> • Settlement – Initial settlement issued • Resettlement – Reissue of initial settlement, prior to Data Reconciliation Process |
| Settlement Date | Specific day the Hourly market was settled in local time: mm/dd/yyyy hh:mm:ss |
| Release Date | Specific day that the Hourly market settlement was released in local time: mm/dd/yyyy hh:mm:ss |
| Resettlements Section | |
| Resettlement Type | Designates the type of resettlement, specified as: <ul style="list-style-type: none"> • Data Reconciliation Process • Special – Resettlement other than a Data Reconciliation Process, such as: Meter Data Error Requested Billing Adjustment resettlement |
| Resettlement Month | Identifies the month that was resettled for both Day-Ahead and Real-Time Hourly markets: month/yyyy |
| Release Date | Specific day that the Hourly market settlement was released in local time: mm/dd/yyyy hh:mm:ss |

| WW_DASTLSUM Change Summary | Effective Date |
|--|----------------|
| Modified. Clarification to description for columns "Settlement Date" and "Release Date" in Day Ahead Settlement Status Section and columns "Resettlement Type" and "Release Date" in Resettlements Section. | 09.01.2004 |

| WW_FCMARAHB – FCM Annual Reconfiguration Auction Historical Bid/Offer Report – Rev 0 WW_FCMARAHB_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Commitment Period | The Capacity Commitment Period to which the bids/offers apply. |
| Auction Type | The first, second, or third reconfiguration auction for the Capacity Commitment Period in question. |
| Masked Resource ID | The system-generated masked ID for the resource |
| Masked Lead Participant ID | The masked Lead Participant ID for the resource in question |
| Masked Capacity Zone ID | The system-generated masked ID for the Capacity Zone to which the bid/offer applies |
| Resource Type | The resource type, 'DR,' 'GEN,' 'IMPORT' |
| Masked External Interface ID | For IMPORTS, the masked ID of the external interface for which the bid/offer applies |
| Bid Offer Type | The bid or offer type (Supply Offer or Demand Bid). |
| Segment 1 MW | The MW associated with Segment 1 of the bid or offer |
| Segment 1 Price | The dollar value associated with Segment 1 of the bid or offer in \$/kW-month. |
| Segment 2 MW | The MW associated with Segment 2 of the bid or offer (This and subsequent segments may not be populated if not supplied by Participant). |
| Segment 2 Price | The dollar value associated with Segment 2 of the bid or offer in \$/kW-month. |
| Segment 3 MW | The MW associated with Segment 3 of the bid or offer |
| Segment 3 Price | The dollar value associated with Segment 3 of the bid or offer in \$/kW-month. |
| Segment 4 MW | The MW associated with Segment 4 of the bid or offer |
| Segment 4 Price | The dollar value associated with Segment 4 of the bid or offer in \$/kW-month. |
| Segment 5 MW | The MW associated with Segment 5 of the bid or offer |
| Segment 5 Price | The dollar value associated with Segment 5 of the bid or offer in \$/kW-month. |

| WW_FCMARAHB Change Summary | Effective Date |
|--|----------------|
| New. This report will be released no earlier than October 1, 2010 for the June 2010 Obligation Month. | 06.01.2010 |

| WW_FCMHOURLYPER – Forward Capacity Market Hourly Peak Energy Rent Report – Rev 0 WW_FCMHOURLYPER_ISO_settlement date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mi:ss GMT Availability: Monthly after Real-Time Energy settlements are distributed. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Trading Date | Calendar date of the operating day. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1– 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Location | The location associated with the Real-Time Locational Marginal Clearing Price. For the Rest-of-Pool Capacity Zone, the Real-Time Hub Price is used else the Real-Time LMP. |
| Real-Time Locational Marginal Price | The Real-Time Locational Marginal Price of electricity as defined in Market Rule 1. |
| PER Proxy Unit Fuel Type | The marginal fuel type used in the calculation of the Strike Price defined as either “GAS” or “OIL”. |
| Strike Price | Heat Rate as defined in Market Rule 1 x PER Proxy Unit Fuel Cost. |
| Actual Hourly Integrated System Load | The sum of Real-Time Load Obligations for the system, adjusted for losses and including imports delivered in the Real-Time Energy Market. |
| Scaling Factor | The minimum of either the Actual Hourly Integrated System Load divided by the most recent Summer 50/50 Predicted Peak System Load value, published in the CELT report for the beginning year of the Capacity Commitment Period, as reconstituted for Other Demand Resources, or one. |
| Hourly PER | The greater of zero or (Real-Time Locational Marginal Price – Strike Price) *(Scaling Factor * Availability Factor)/1000 |

| WW_FCMHOURLYPER Change Summary | Effective Date |
|--------------------------------|----------------|
| Existing | 01.01.2008 |

| WW_FCMMONTHLYPER – Forward Capacity Market Monthly Peak Energy Rent Report – Rev 0 WW_FCMMONTHLYPER_ISO_settlement date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mi:ss GMT Availability: Monthly after Real-Time Energy settlements are distributed. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Trading Month | Specific month for which the data is reported displayed as the first day of the applicable settlement calendar month. |
| Capacity Zone ID | The numerical identifier of the Capacity Zone. |
| Capacity Zone Name | The name of the Capacity Zone. |
| Monthly PER | Sum of the Hourly PER for all hours within the specific month for which the data is reported. |

| WW_FCMMONTHLYPER Change Summary | Effective Date |
|------------------------------------|----------------|
| Existing | 01.01.2008 |

WW_FCMMRAHB – FCM Monthly Reconfiguration Auction Historical Bid/Offer Report – Rev 0

WW_FCMMRAHB_ISO_date_version.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: Monthly

| REPORT COLUMN | DESCRIPTION |
|------------------------------|--|
| Commitment Period | The Capacity Obligation Month to which the bids/offers apply (e.g., June 2010) |
| Auction Type | Monthly. |
| Masked Resource ID | The system-generated masked ID for the resource |
| Masked Lead Participant ID | The masked Lead Participant ID for the resource in question |
| Masked Capacity Zone ID | The system-generated masked ID for the Capacity Zone to which the bid/offer applies |
| Resource Type | The resource type, 'DR,' 'GEN,' 'IMPORT' |
| Masked External Interface ID | For IMPORTS, the masked ID of the external interface for which the bid/offer applies |
| Bid Offer Type | The bid or offer type, (Supply Offer or Demand Bid). |
| Segment 1 MW | The MW associated with Segment 1 of the bid or offer |
| Segment 1 Price | The dollar value associated with Segment 1 of the bid or offer in \$/kW-month. |
| Segment 2 MW | The MW associated with Segment 2 of the bid or offer (This and subsequent segments may not be populated if not supplied by Participant). |
| Segment 2 Price | The dollar value associated with Segment 2 of the bid or offer in \$/kW-month. |
| Segment 3 MW | The MW associated with Segment 3 of the bid or offer |
| Segment 3 Price | The dollar value associated with Segment 3 of the bid or offer in \$/kW-month. |
| Segment 4 MW | The MW associated with Segment 4 of the bid or offer |
| Segment 4 Price | The dollar value associated with Segment 4 of the bid or offer in \$/kW-month. |
| Segment 5 MW | The MW associated with Segment 5 of the bid or offer |
| Segment 5 Price | The dollar value associated with Segment 5 of the bid or offer in \$/kW-month. |

| WW_FCMMRAHB Change Summary | Effective Date |
|--|----------------|
| New. This report will be released no earlier than October 1, 2010 for the June 2010 Obligation Month. | 06.01.2010 |

| WW_FCMSEASONALPEAKHOUR – Forward Capacity Market Seasonal Peak Hour Report – Rev 1 WW_FCMSEASONALPEAKHOUR_ISO_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: This report will be issued on the first business day after the end of the following obligation months: June, July, August, December, and January. The report will also be available prior to the data reconciliation process for each of those months. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| Seasonal Peak Hour | |
| Trading Date | Calendar date of the operating day on which the seasonal peak hour falls. |
| Trading Interval | Specific hour for which the information is reported. Numeric from 1- 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02). |
| RT Hourly System Load | Real-time telemetered load, adjusted for transmission and distribution losses, and excluding load associated with Exports and Storage DARDs. |
| Seasonal 50/50 Peak System Load Forecast | <p>The most recent 50/50 Predicted Peak System Load value published in the CELT report for the Capacity Commitment Period, and reconstituted for Other Demand Resources.</p> <p>For the months of June, July, and August, the Summer 50/50 Peak System Load is used. For December and January, this value is the Winter 50/50 Peak System Load.</p> |
| Seasonal Peak Hour Status | <p>The status of the Seasonal Peak Hour.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> FINAL |

| WW_FCMSEASONALPEAKHOUR Change Summary | Effective Date |
|---|----------------|
| Modified. Updated the description for “RT Hourly System Load” to exclude Storage DARDs. | 06.19.2020 |
| New. The first version of this report expected to be published the first week of July 2010 for Obligation Month June 2010. | 06.01.2010 |

| | | | |
|---|----------------------|---|---|
| WW_FROFFER – Forward Reserve Auction Offers – Rev 0 – ASM Phase II Format WW_FROFFER_ISO_date_version.CSV Date: yyyyymmdd00 Version: yyyyymmdd0000 Availability: By Locational Forward Reserve Auction, with the FERC-ordered time lag NOTE: This format applies to data posted on or after April 1, 2007. | | | |
| DESCRIPTION | | Locational Forward Reserve Auction offers as received by the ISO from participants for the Seasonal Forward Reserve Market Auction. Published with market participant identity and asset identity masked. Masked identifier numbers are consistent with pre-SMD and post-SMD identifiers. The report is generated when a Forward Reserve Market auction is 6-months old – one report for each auction. | |
| DELIVERY METHOD | | WWW (ISO-NE website) | |
| FILENAME | | WW_LFROFFER_ISO_period_begin_date.CSV <i>Period_begin_date</i> is the Locational Forward Reserve Market auction for which the data applies, formatted as YYYYMMDD00 – the first month of the Forward Reserve Market period. <i>version</i> is the date on which the ISO generated the file, formatted as YYYYMMDD. Note: Forward Reserve Auction offers are published as received by the ISO and as used in Forward Reserve Auction clearing. | |
| FORMAT | | Comma Delimited (CSV) | |
| SIZE | | Up to 250 offers per auction | |
| LIFETIME | | N/A | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| 1 | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. Note: All files have a blank line after the Comment line. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 2 | Masked_Customer_ID | Number | Participant, masked by a unique, consistent identifier. |
| 3 | Reserve Zone | String | The Reserve Zone for which the offer applies. |
| 4 | Reserve Product Type | String | Either of Ten-Minute Non-Spinning Reserve (TMNSR) or Thirty-Minute Operating Reserve (TMOR) |
| 5 | Segment Number | Number | Segment number of offer block (may be 1-10) |
| 6 | Segment Price | String | The offer price in \$/MW-Month. |
| 7 | Segment Quantity | Number | The offer quantity in MW. |

| | |
|----------------------------------|-----------------------|
| WW_FROFFER Change Summary | Effective Date |
| Existing | 10.01.2006 |

| WW_FTRLT – Long Term FTR Auction Bids – Rev 2 WW_FTRLT_ISO_date_version.CSV Date: mm/dd/yyyy/00 and Version: mm/dd/yyyy hh:mm:ss GMT Availability: | | | |
|--|--|-------------|--|
| DESCRIPTION | Auction bid data received by the ISO from participants for the two-round Long-Term FTR Auction. Published with the FERC-ordered time lag, and with market participant identity masked. Masked identifier numbers are consistent with pre-SMD and post-SMD identifiers. There is only one report for each long-term auction period. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_FTRLT_ISO_settlement_version.CSV <i>settlement</i> is the date of the first day of the month for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: The comments will detail the ‘from’ and ‘to’ dates for which the bids apply. | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 100,000-150,000 total for both annual rounds. | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Source Location ID | Number | The location identification number of the bid’s source. |
| 2 | Source Location Name | String | The location name of the bid’s source. |
| 3 | Source Location Type | String | The location type of the bid’s source. One of ‘HUB’, ‘LOAD ZONE’, or ‘NETWORK NODE.’ |
| 4 | Sink Location ID | Number | The location identification number of the bid’s sink location or point of delivery. |
| 5 | Sink Location Name | String | The location name of the bid’s sink location or point of delivery. |
| 6 | Sink Location Type | String | The location type of the bid’s sink location or point of delivery. One of ‘HUB’, ‘LOAD ZONE’, or ‘NETWORK NODE.’ |
| 7 | Buy / Sell | String | Only ‘BUY’ bids are submitted for long-term auctions. |
| 8 | Class Type | String | Whether the bid is for the ‘OFFPEAK’ or ‘ONPEAK’ auction. |
| 9 | Bid MW | MW | The MW quantity of the bid. |
| 10 | Bid Price | \$/MW | The bid price in \$/MW |
| 11 | Bid Status | String | Whether the bid was ‘CLEARED’ or ‘DENIED.’ |
| 12 | Masked Customer ID | Number | Participant, masked by a unique, consistent identifier. |
| 13 | Auction Name | String | An identifier of the round and year of the auction. For example ‘LT1 YYYY’, ‘LT2 YYYY’) |

| WW_FTRLT Change Summary | Effective Date |
|--|----------------|
| Modified. Added a new column "Auction Name" to the end of the report. This new column will be included on the report distributed May 1, 2013. | 10.09.2012 |

| WW_FTRLT Change Summary | Effective Date |
|--|----------------|
| Modified. Added a new column "Masked Customer ID" to the end of the report. This new column will be included on the report distributed April 1, 2011 for the December 2010 auction month. | 12.01.2010 |

| WW_FTRMTH – Monthly FTR Auction Bids – Rev 1 WW_FTRMTH_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly | | | |
|---|---|-------------|--|
| DESCRIPTION | Auction bid data received by the ISO from participants for the Monthly FTR Auction. Published with the FERC-ordered time lag, and with market participant identity. Masked identifier numbers are consistent with pre-SMD and post-SMD identifiers. The reports are generated monthly; one report for each monthly auction. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_FTRMTH_ISO_settlement_version.CSV <i>settlement</i> is the date of the first day of the month for which the data applies, formatted as YYYYMMDD, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMMSS Note: The comments will detail the ‘from’ and ‘to’ dates for which the bids apply. | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | Up to 50,000 records per auction | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Source Location ID | Number | The location identification number of the bid’s source. |
| 2 | Source Location Name | String | The location name of the bid’s source. |
| 3 | Source Location Type | String | The location type of the bid’s source. One of ‘HUB’, ‘LOAD ZONE’, or ‘NETWORK NODE.’ |
| 4 | Sink Location ID | Number | The location identification number of the bid’s sink. |
| 5 | Sink Location Name | String | The location name of the bid’s sink. |
| 6 | Sink Location Type | String | The location type of the bid’s sink. One of ‘HUB’, ‘LOAD ZONE’, or ‘NETWORK NODE.’ |
| 7 | Buy / Sell | String | ‘BUY’ bid or ‘SELL’ offer. |
| 8 | Class Type | String | Whether the bid is for the ‘OFFPEAK’ or ‘ONPEAK’ auction. |
| 9 | Bid MW | MW | The MW quantity of the bid. |
| 10 | Bid Price | \$/MW | The bid price in \$/MW |
| 11 | Bid Status | String | Whether the bid was ‘CLEARED’ or ‘DENIED.’ |
| 12 | Masked Customer ID | Number | Participant, masked by a unique, consistent identifier. |

| WW_FTRMTH Change Summary | Effective Date |
|--|----------------|
| Modified. Added a new column "Masked Customer ID" to the end of the report. This new column will be included on the report distributed April 1, 2011 for the December 2010 auction month. | 12.01.2010 |

WW_NCPCSUM - Net Commitment Period Compensation Summary Report – RETIRED

WW_NCPCSUM_ISO_settlement date_version.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm: ss GMT

Availability: Monthly**Size:** One record per day in specified month.**Description:**

This report is issued monthly and provides daily or hourly detailed data supporting the variety of NCPC charge allocation mechanisms and the associated charge rate for each MWh of a particular allocation.

This report contains six report sections:

1. Asset & Ext. Node Economic NCPC
 - This section prints a detail line with summarized Economic Day-Ahead (assets only) and Economic Real-Time NCPC settlement information for each day of the specified month.
2. LSCPR NCPC
 - This section prints a detail line with summarized LSCPR Day-Ahead and LSCPR Real Time NCPC settlement information for each day of the specified month by reliability region.
3. External Node Economic NCPC
 - This section prints a detail line with summarized Economic Day-Ahead settlement information at the External Nodes for each hour of the specified month.
4. VAR NCPC (excluding high voltage VAR)
 - This section prints a detail line with summarized Day Ahead and Real Time VAR settlement information (not related to high voltage conditions) for each hour of the month prior to the specified month or the specified month in the case of the Data Reconciliation and Meter Data Error RBA Process versions.
5. High Voltage VAR NCPC
 - This section prints a detail line with summarized Day Ahead and Real Time VAR settlement information related to high voltage conditions (including any High Voltage VAR Cost Reallocation charges) by region for each hour of the month prior to the specified month or the specified month in the case of the Data Reconciliation and Meter Data Error RBA Process versions.
6. Generator Performance Audit NCPC
 - This section prints a detail line with summarized Real Time Generator Performance Audit NCPC settlement information for each day of the specified month.

This report is generated when all NCPC settlements for the specified month are completed and ready to be billed.

This report is regenerated when 90-day resettlements are completed for the month.

Detail:

The first position on every record is occupied by the character 'C', 'H', 'D', or 'T' which describes what is contained on that record (row.)

C= Comment – provides description such as report name and vintage.

H= Heading – denotes column headings.

D= Data – denotes data contained on the record.

T= Terminate – denotes the end of the file. The total number of 'D' lines contained in the file is also noted on this record.

| REPORT COLUMN | | DESCRIPTION |
|-------------------------------------|-------------------------|---|
| Asset & Ext. Node Economic NCPC tab | | |
| 1 | Operating Day | Operating Day |
| 2 | DA Economic NCPC Charge | Total Pool Day Ahead Economic NCPC Charges. These charges are a result of NCPC Credits paid to Generators only. |
| 3 | DA Load Obligation | Total Pool Day Ahead Load Obligation used to allocate DA Economic NCPC Charges |
| 4 | DA Economic NCPC Rate | DA Economic NCPC Charge divided by DA Load Obligation |
| 5 | RT Economic NCPC Charge | Total Pool Real Time Economic NCPC Charges, These charges are a result of NCPC Credits paid to Generators and transactions at External Nodes. |

WW_NCPCSUM - Net Commitment Period Compensation Summary Report – RETIRED

WW_NCPCSUM_ISO_settlement_date_version.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

| | | |
|---------------------------------|---|--|
| 6 | RT NCPC Deviations | Total Pool Real Time NCPC Deviations used to allocate RT Economic NCPC Charges |
| 7 | RT Economic NCPC Rate | RT Economic NCPC Charge divided by RT NCPC Deviations |
| LSCPR NCPC tab | | |
| 1 | Operating Day | Operating Day |
| 2 | Region ID | Reliability Region Identification number. |
| 3 | Region Name | Reliability Region Name |
| 4 | DA LSCPR NCPC Charge | Total Pool Day Ahead LSCPR NCPC Charges |
| 5 | DA NCPC - Load Obligation Allocator | Total Day Ahead Pool Load Obligation per Reliability Region used to allocate DA LSCPR NCPC Charges. As of 1/23/2014, Real Time Pool Load Obligation per Reliability Region will be used to allocate DA LSCPR Charges. |
| 6 | DA LSCPR NCPC Rate | DA LSCPR NCPC Charge divided by DA NCPC Load Obligation. As of 1/23/2014, the rate will be the DA LSCPR NCPC Charge divided by RT NCPC Load Obligation. |
| 7 | RT LSCPR NCPC Charge | Total Pool Real Time LSCPR NCPC Charges |
| 8 | RT NCPC Deviations | Total Real Time Pool Real Time NCPC Deviations per Reliability Region used to allocate RT LSCPR NCPC Charge prior to March 1, 2005. |
| 9 | RT LSCPR NCPC Rate per MW Deviation | RT LSCPR NCPC Charges divided by RT NCPC Deviations |
| 10 | RT NCPC Load Obligation | Total Real Time Pool Load Obligation per Reliability Region used to allocate RT LSCPR NCPC Charge after March 1, 2005 |
| 11 | RT LSCPR NCPC Rate per MW Load Obligation | RT LSCPR NCPC Charges divided by RT NCPC Load Obligation |
| External Node Economic NCPC tab | | |
| 1 | Operating Day | Operating Day |
| 2 | Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| 3 | External Node Id | Numerical identifier for the External Node where the Day-Ahead transaction took place. |
| 4 | External Node Name | Name of the External Node where the Day-Ahead transaction took place. |
| 5 | NCPC Credit Type | Identifies the type of transaction(s) receiving the NCPC Credit. If the NCPC Credits are for External Transaction purchases or Increment Offers then this column will be 'IMPORT'. If the NCPC Credits are for External Transaction sales or Decrement Offers then this column will be 'EXPORT'. |
| 6 | Day Ahead Economic NCPC Charge | Total Pool Day Ahead Economic NCPC Charges at the External Node for the hour. |

WW_NCPCSUM - Net Commitment Period Compensation Summary Report – RETIRED

WW_NCPCSUM_ISO_settlement date_version.CSV

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm: ss GMT

| | | |
|---------------------------------|--|--|
| 7 | Day Ahead Load Obligation per External Node | Total Pool Day Ahead Load Obligation used to allocate DA Economic NCPC Charges at the External Node for the hour. This column will be blank if the NCPC Credit Type is 'EXPORT'. |
| 8 | Day Ahead Generation Obligation per External Node | Total Pool Day Ahead Generation Obligation used to allocate DA Economic NCPC Charges at the External Node for the hour. This column will be blank if the NCPC Credit Type is 'IMPORT'. |
| 9 | Day Ahead Economic NCPC Rate | Day Ahead Economic NCPC Charge per MW at the External Node for the hour. |
| VAR NCPC (Exclude High Voltage) | | |
| 1 | Operating Day | Operating Day |
| 2 | Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| 3 | Monthly Regional Network Load and Hourly Reserved Capacity | Total Pool Monthly Regional Network Load and Pool Hourly Reserved Capacity |
| 4 | Day Ahead VAR NCPC Charge | Total Pool Day Ahead VAR Service NCPC Charges. These charges are a result of Day Ahead NCPC VAR Credits paid for Cost of Energy Produced not related to high voltage conditions. |
| 5 | Day Ahead VAR NCPC Charge Rate | Day Ahead VAR NCPC Charge divided by Monthly Regional Network Load and Hourly Reserved Capacity. |
| 6 | Real Time VAR NCPC Charge | Total Pool Real Time VAR Service NCPC Charges. These charges are a result of Real Time NCPC VAR Credits paid for Cost of Energy Produced, Cost of Energy Consumed, and Lost Opportunity Cost for VAR service not related to high voltage conditions. This also includes any High Voltage VAR Cost Reallocation credits done through a standard settlement. |
| 7 | Real Time VAR NCPC Charge Rate | Real Time VAR NCPC Charge divided by Monthly Regional Network Load and Hourly Reserved Capacity. |
| High Voltage VAR NCPC | | |
| 1 | Operating Day | Operating Day |
| 2 | Trading Interval | Specific hour for which the information is reported. Numeric from 1 – 24. (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02.) |
| 3 | Reliability Region ID | Reliability Region Identification number |
| 4 | Reliability Region Name | Reliability Region Name |
| 5 | Monthly Regional Network Load for Reliability Region | Total Regional Network Load value for the Reliability Region |
| 6 | Day Ahead High Voltage VAR NCPC Charge | Total Day Ahead VAR Service NCPC Charges. These charges are a result of Day Ahead NCPC VAR Credits paid for Cost of Energy Produced for VAR Service related to high voltage conditions. |

| WW_NCPCSUM - Net Commitment Period Compensation Summary Report – <i>RETIRED</i> | | |
|---|--|---|
| WW_NCPCSUM_ISO_settlement date_version.CSV | | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm: ss GMT | | |
| 7 | Day Ahead High Voltage VAR NCPC Charge Rate | Day Ahead VAR High Voltage NCPC Charges divided by Monthly Regional Network Load for the Reliability Region. |
| 8 | Real Time High Voltage VAR NCPC Charge | Total Real Time VAR Service NCPC Charges. These charges are a result of Real Time NCPC VAR Credits paid for Cost of Energy Produced, Cost of Energy Consumed, and Lost Opportunity Cost for VAR Service related to high voltage conditions. This also includes any High Voltage VAR Cost Reallocation charges done through a standard settlement. |
| 9 | Real Time High Voltage VAR NCPC Charge Rate | Real Time High Voltage VAR NCPC Charge divided by Monthly Regional Network Load for the Reliability Region. |
| Generator Performance Audit NCPC | | |
| 1 | Operating Day | Operating Day |
| 2 | Generator Performance Audit NCPC Charge | Pool total Generator Performance Audit NCPC Charges. |
| 3 | Generator Performance Audit Charge RTLO | Pool total Generator Performance Audit Real Time Load Obligation, used to allocate Generator Performance Audit NCPC Charges. |
| 4 | Generator Performance Audit NCPC Charge Rate | Generator Performance Audit NCPC Charge divided by Generator Performance Audit Charge RTLO. |

| WW_NCPCSUM Change Summary | Effective Date |
|---|----------------|
| Retired. Effective with the redesign of the ISO website in August 2014, this report no longer was published in this format. The details were published monthly. Effective with data for December 1, 2014, the information will be published in daily files. The VAR files will continue to be published monthly. | 12.01.2014 |
| Modified. In the LSCPR NCPC section, column heading changed from "DA NCPC Load Obligation" to "DA NCPC - Load Obligation Allocator" with a modified description; modified "DA LSCPR NCPC Rate" description. | 01.23.2014 |
| Modified. New section "Generator Performance Audit NCPC" will appear with the initial NCPC settlement of September 2013 (report released in October). | 09.01.2013 |
| Modified. New sections "VAR NCPC (Exclude High Voltage)" and "High Voltage VAR NCPC" will appear with the initial NCPC settlement of February 2013 (report released in March). These two new VAR sections will have the initial settlement data for the month prior to the settlement month. All resettlement reports will contain settlement data for the specified settlement month in all sections. Reports for the months of June 2012 through October 2012 will be regenerated shortly after 3/12/2013. | 02.01.2013 |
| Modified. The Report Description has been changed. | 06.01.2010 |

| WW_NETWORK_LOAD_ISO Monthly Regional Network Load Report - Rev 0 Time period: yyyy-mm-dd to yyyy-mm-dd Report generated yyyy-mm-dd hh:mm:ss EST Availability: Monthly | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| Summary | |
| Customer ID | Number assigned to identify the entity being charged for Regional Network Load. |
| Customer Name | Proper name associated with the Customer ID. |
| DUNS Number | Number used to identify "entity responsible for the customer's bill." |
| DUNS Name | Proper name associated with the DUNS Number. |
| Local Network | The Transmission Owner (TO) who submits the customer's Regional Network Load. |
| Regional Network Load ID | Number assigned to customer in SMS Tariff Network System User Interface (UI). |
| Regional Network Load Name | Name given to Regional Network Load. |
| Monthly Regional Network Load Value | Values submitted by TO for the Regional Network Load for each customer. |
| Monthly Regional Pool Network Load Value | Values represent monthly total Regional Network Load value in the pool. |
| Reliability Region ID | Numerical identifier for the Reliability Region. |
| Reliability Region Name | Name of the Reliability Region. |

| WW_NETWORK_LOAD_ISO Change Summary | Effective Date |
|--|----------------|
| New. This report will be released no earlier than February 20, 2013 for the obligation month of January 2013. | 01.01.2013 |

| WW_RTHBARD – Real-Time ARDs – Rev 0 WW_RTHBARD_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|---|--|-------------|--|
| DESCRIPTION | ARD bid data received by the ISO from participants for the Real-Time Energy market. Published with the FERC-ordered time lag and with market participant and asset identifiers masked with a unique, consistent identifier. Masked identifier numbers are consistent with pre-SMD identifiers. The report set is generated monthly; one report for each day of the month. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_RTHBARD_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: if Number of Bid segments exceed 10 per day, Segments that are greater than 10 will not be included in the report file Note: Non-utilized segments will be populated with ‘null’ rather than zeros | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 8000 records per day | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 2 | Masked Lead Participant ID | Number | Participant responsible for the asset, masked by a unique, consistent identifier |
| 3 | Masked Asset ID | Number | The asset identifier of the generating unit, masked by a unique, consistent identifier |
| 4 | Minimum Consumption | Number | The minimum amount (in MWh) that the ARD is willing to consume |
| 5 | Maximum Consumption | Number | The maximum amount (in MWh) that the ARD is willing to consume |
| 6 | Claim 10 | Number | The amount of Claimed 10-minute reserve offered by the ARD |
| 7 | Claim 30 | Number | The amount of Claimed 30-minute reserve offered by the ARD |
| 8 | Offer Block Price 1 | Number | First Segment offer price associated with the segment MW quantity in \$/MW |
| 9 | Offer Block Energy 1 | Number | First Segment MW value |
| 10 | Offer Block Price 2 | Number | Second Segment offer price (This and subsequent segments populated if supplied by Participant, null if not supplied) |
| 11 | Offer Block Energy 2 | Number | Second Segment MW value |
| 12 | Offer Block Price 3 | Number | Third Segment offer price |
| 13 | Offer Block Energy 3 | Number | Third Segment MW value |
| 14 | Offer Block Price 4 | Number | Fourth Segment offer price |

| WW_RTHBARD – Real-Time ARDs – Rev 0 WW_RTHBARD_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|---|-----------------------|--------|-----------------------------|
| 15 | Offer Block Energy 4 | Number | Fourth Segment MW value |
| 16 | Offer Block Price 5 | Number | Fifth Segment offer price |
| 17 | Offer Block Energy 5 | Number | Fifth Segment MW value |
| 18 | Offer Block Price 6 | Number | Sixth Segment offer price |
| 19 | Offer Block Energy 6 | Number | Sixth Segment MW value |
| 20 | Offer Block Price 7 | Number | Seventh Segment offer price |
| 21 | Offer Block Energy 7 | Number | Seventh Segment MW value |
| 22 | Offer Block Price 8 | Number | Eighth Segment offer price |
| 23 | Offer Block Energy 8 | Number | Eighth Segment MW value |
| 24 | Offer Block Price 9 | Number | Ninth Segment offer price |
| 25 | Offer Block Energy 9 | Number | Ninth Segment MW value |
| 26 | Offer Block Price 10 | Number | Tenth Segment offer price |
| 27 | Offer Block Energy 10 | Number | Tenth Segment MW value |

| WW_RTHBARD Change Summary | Effective Date |
|---------------------------|----------------|
| Existing | 01.01.2007 |

| WW_RTHBENERGY – Real-Time Energy Offer Data – Rev 0 WW_RTHBENERGY_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|---|-------------|--|
| DESCRIPTION | Generation offer data received by the ISO from participants for the Real Time Energy market. Published with the FERC-ordered time lag and with market participant and asset identifiers masked with a unique, consistent identifier. Masked identifier numbers are consistent with pre-SMD identifiers. The report set is generated monthly; one report for each day of the month. | | |
| DELIVERY METHOD | WWW (ISO-NE website) | | |
| FILENAME | WW_RTHBENERGY_ISO_settlement_version.CSV <i>settlement</i> is the date of the trading hour for which the data applies, formatted as YYYYMMDD00, <i>version</i> is the date/time when the report was generated, formatted as YYYYMMDDHHMISS Note: if Number of Bid segments exceed 10 per day, Segments that are greater than 10 will not be included in the report file Note: Non-utilized segments will be populated with ‘null’ rather than zeros | | |
| FORMAT | Comma Delimited (CSV) | | |
| SIZE | 8000 records per day | | |
| LIFETIME | N/A | | |
| | COLUMN NAME | TYPE | DESCRIPTION |
| | N/A | String | The first position on every record is occupied by the character ‘C’, ‘H’, ‘D’, or ‘T’ which describes what is contained on that record (row.) C = Comment – provides description such as report name and vintage. H = Heading – denotes column headings. D = Data – denotes data contained on the record. T = Terminate – denotes the end of the file. The total number of ‘D’ lines contained in the file is also noted on this record. |
| 1 | Trading Interval | String | The local time for which this offer applies, in hour-ending convention |
| 2 | Masked Lead Participant ID | Number | Participant responsible for the asset, masked by a unique, consistent identifier |
| 3 | Masked Asset ID | Number | The asset identifier of the generating unit, masked by a unique, consistent identifier |
| 4 | Must Take Energy | Number | The Amount of energy self-scheduled by the Participant in the hour from this resource |
| 5 | Maximum Daily Energy Available | Number | For Limited Energy Generators (units unable to operate continuously at full output on a daily basis), the total amount of energy available to be scheduled by the ISO during the day |
| 6 | Economic Maximum | Number | The maximum generation, in MW, of the Participant’s generating unit during non-Emergencies Conditions, as submitted for the DA market |
| 7 | Economic Minimum | Number | The minimum generation, in MW, of the Participant’s generating unit during non-Emergencies Conditions, as submitted for the DA market |
| 8 | Cold Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from a cold condition |
| 9 | Intermediate Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from an intermediate condition |
| 10 | Hot Startup Price | Number | The amount, in dollars, that must be paid to this generating unit each time the unit is scheduled in the NEPOOL Market to start-up from a hot condition |

| WW_RTHBENERGY – Real-Time Energy Offer Data – Rev 0 WW_RTHBENERGY_ISO_date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, by Day | | | |
|--|-----------------------|--------|--|
| 11 | No Load Price | Number | The amount, in dollars per hour, that must be paid to this unit for being scheduled in the NEPOOL Market, in addition to start-up fees and supply offers, for each hour that the generating unit is scheduled in the NEPOOL Market |
| 12 | Offer Block Price 1 | Number | First Segment offer price associated with the segment MW quantity in \$/MW |
| 13 | Offer Block Energy 1 | Number | First Segment MW value |
| 14 | Offer Block Price 2 | Number | Second Segment offer price (This and subsequent segments populated if supplied by Participant, null if not supplied) |
| 15 | Offer Block Energy 2 | Number | Second Segment MW value |
| 16 | Offer Block Price 3 | Number | Third Segment offer price |
| 17 | Offer Block Energy 3 | Number | Third Segment MW value |
| 18 | Offer Block Price 4 | Number | Fourth Segment offer price |
| 19 | Offer Block Energy 4 | Number | Fourth Segment MW value |
| 20 | Offer Block Price 5 | Number | Fifth Segment offer price |
| 21 | Offer Block Energy 5 | Number | Fifth Segment MW value |
| 22 | Offer Block Price 6 | Number | Sixth Segment offer price |
| 23 | Offer Block Energy 6 | Number | Sixth Segment MW value |
| 24 | Offer Block Price 7 | Number | Seventh Segment offer price |
| 25 | Offer Block Energy 7 | Number | Seventh Segment MW value |
| 26 | Offer Block Price 8 | Number | Eighth Segment offer price |
| 27 | Offer Block Energy 8 | Number | Eighth Segment MW value |
| 28 | Offer Block Price 9 | Number | Ninth Segment offer price |
| 29 | Offer Block Energy 9 | Number | Ninth Segment MW value |
| 30 | Offer Block Price 10 | Number | Tenth Segment offer price |
| 31 | Offer Block Energy 10 | Number | Tenth Segment MW value |
| 32 | Claim 10 | Number | The amount of Claimed 10 minute reserve offered |
| 33 | Claim 30 | Number | The amount of Claimed 30 minute reserve offered |

| WW_RTHBENERGY Change Summary | Effective Date |
|------------------------------|----------------|
| Existing | 01.01.2007 |

| WW_RTSTLSUM – Real Time Market Settlement Status Report WW_RTSTLSUM_ISO_<settlement date>_<version>.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Daily or on demand by Settlement need. | |
|--|--|
| REPORT COLUMN | DESCRIPTION |
| Real Time Settlement Status Section | |
| Operating Day | Specific day for which the information is reported: mm/dd/yyyy |
| Market | Identifies the name of the Real-Time Hourly market settlement that was released, specified as: <ul style="list-style-type: none"> • Real Time Energy / Regulation • Regulation • Reserve Market • Real Time NCPC |
| Settlement Type | Designates the type of settlement, specified as: <ul style="list-style-type: none"> • Settlement – Initial settlement issued • Resettlement – Reissue of initial settlement, prior to Data Reconciliation Process |
| Settlement Date | Specific day the Hourly market was settled in local time: mm/dd/yyyy hh:mm:ss |
| Release Date | Specific day that the Hourly market settlement was released in local time: mm/dd/yyyy hh:mm:ss |
| Resettlements Section | |
| Resettlement Type | Designates the type of resettlement, specified as: <ul style="list-style-type: none"> • Data Reconciliation Process • Special – Resettlement other than a Data Reconciliation Process, such as: Meter Data Error Requested Billing Adjustment resettlement |
| Resettlement Month | Identifies the month that was resettled for both Day-Ahead and Real-Time Hourly markets: month/yyyy |
| Release Date | Specific day that the Hourly market settlement was released in local time: mm/dd/yyyy hh:mm:ss |

| WW_RTSTLSUM Change Summary | Effective Date |
|--|----------------|
| Modified. Clarification to description for columns "Settlement Date" and "Release Date" in Real Time Settlement Status Section and columns "Resettlement Type" and "Release Date" in Resettlements Section. | 09.01.2004 |

| WW_VARCCRATE_ISO – OATT Schedule 2- VAR Annual Capacity Cost Rate Report WW_VARCCRATE_ISO_settlement date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Annually in December for the following year. | |
|--|---|
| REPORT COLUMN | DESCRIPTION |
| VAR CC Rate Section | |
| Current Net Aggregate Tested Total Lagging VAR | Value represents total lagging VAR capability of assets that have completed required testing for their lagging capability and are active in the VAR program |
| Current Net Aggregate Non-Tested Total Lagging VAR | Value represents total lagging VAR capability of assets that have not completed required testing for their lagging capability and are active in the VAR program |
| Total Aggregate Lagging VAR | Value represents the sum of the Current Net Aggregate Tested Total Lagging VAR and Current Net Aggregate Non-Tested Total Lagging VAR |
| Current Net Aggregate Tested Total Leading VAR | Value represents total leading VAR capability of assets that have completed required testing for their leading capability and are active in the VAR program |
| Current Net Aggregate Non-Tested Total Leading VAR | Value represents total leading VAR capability of assets that have not completed required testing for their leading capability and are active in the VAR program |
| Total Aggregate Leading VAR | Value represents the sum of the Current Net Aggregate Tested Total Leading VAR and Current Net Aggregate Non-Tested Total Leading VAR |
| Base CC Rate | Rate as set in OATT Schedule 2, Section II |
| Adjusted CC Rate | Rate calculated through equations defined in OATT Schedule 2, Section II |
| Qualified Generator Reactive Resources' Seasonal Claimed Capability | Value represents sum of qualified generators' real power level output during a lagging reactive capability test |
| Qualified Non-Generator Reactive Resources' Adjusted Seasonal Claimed Capability | Value represents sum of qualified non-generator reactive resources' qualified VAR lagging capability |
| Sum of Qualified Reactive Resources' Seasonal Claimed Capability | Value represents sum of Qualified Generator Reactive Resources' Seasonal Claimed Capability and 2.5 times the Qualified Non- Generator Reactive Resources' Adjusted Seasonal Claimed Capability |
| Forecasted Peak Adjusted Reference Load | Value represents Forecasted Peak Adjusted Reference Load as reported in the most recent CELT report at the time of the rate calculation |
| VAR CC Rate | Rate calculated through equations defined in OATT Schedule 2, Section II |
| VAR Status Report Section | |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Leading Status Effective Date | Effective date of the Leading status. |

| WW_VARCCRATE_ISO – OATT Schedule 2- VAR Annual Capacity Cost Rate Report | |
|--|--|
| WW_VARCCRATE_ISO_settlement date_version.CSV | |
| Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT | |
| Availability: Annually in December for the following year. | |
| REPORT COLUMN | DESCRIPTION |
| Leading Test Due Date | Due date of the leading test |
| Schedule 2 Leading Program Status | Status of the asset in the leading VAR program |
| Lagging Status Effective Date | Effective date of the Lagging status. |
| Lagging Test Due Date | Due date of the lagging test |
| Schedule 2 Lagging Program Status | Status of the asset in the lagging VAR program |
| Lagging Test MW Level | MW level of the lagging test |
| Lagging Qualified VAR Capability | Lagging qualified VAR capability of the asset |
| Leading Qualified VAR Capability | Leading qualified VAR capability of the asset |
| Total Qualified VARs | Total qualified VAR capability of the asset |

| WW_VARCCRATE_ISO Change Summary | Effective Date |
|--|----------------|
| Modified. Column name change section "VAR Status Report" from "Last Leading Test Date" to "Leading Status Effective Date" and from "Last Lagging Test Date" to "Lagging Status Effective Date". The first version of this report will be posted in December 2012 for the year 2013. | 01.01.2012 |
| Existing. | 07.01.2008 |

| WW_VARSTATUS_ISO – OATT Schedule 2– VAR Status Summary Report WW_VARSTATUS_ISO_settlement date_version.CSV Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly after Capacity Cost Calculation (Payment) job run. | |
|---|--|
| REPORT COLUMN | DESCRIPTION |
| Asset ID | Numerical identifier for the asset |
| Asset Name | Name of the asset. |
| Asset Type | Specified asset type such as: <ul style="list-style-type: none"> • GENERATOR • NON-GENERATOR |
| Leading Status Effective Date | Effective date of the Leading status. |
| Leading Test Due Date | Due date of the leading test |
| Schedule 2 Leading Program Status | Status of the asset in the leading VAR program |
| Lagging Status Effective Date | Effective date of the Lagging status. |
| Lagging Test Due Date | Due date of the lagging test |
| Schedule 2 Lagging Program Status | Status of the asset in the lagging VAR program |
| Lagging Test MW Level | MW level of the lagging test |
| Lagging Qualified VAR Capability | Lagging qualified VAR capability of the asset |
| Leading Qualified VAR Capability | Leading qualified VAR capability of the asset |
| Total Qualified VARs | Total qualified VAR capability of the asset |

| WW_VARSTATUS_ISO Change Summary | Effective Date |
|---|----------------|
| Modified. Column name change from "Last Leading Test Date" to "Leading Status Effective Date" and from "Last Lagging Test Date" to "Lagging Status Effective Date". The first version of this report will be posted during the second week of January 2012 for obligation month January 2012 following the distribution of report "sd_varccpmt" for obligation month January 2012. | 01.01.2012 |
| Existing. | 01.01.2008 |

| WW_VIRBIDPROXY Day-Ahead Virtual Bid Financial Assurance Proxy Report WW_VIRBIDPROXY_ISO<settlement date>_<version>.CSV Date: <mm/dd/yyyy> and Version: <mm/dd/yyyy hh: mm: ss> GMT Availability: Monthly report provides necessary details to calculate Settlement Risk Financial Assurance associated with FTR bids and awards. Report provided to all customers on the 1 st of the month prior to the applicable FTR auction. | |
|---|---|
| REPORT COLUMN | DESCRIPTION |
| MARKET DAY | Specific market day which the information applies to mm/dd/yyyy |
| LOCATION ID | Location Identification Number |
| LOCATION NAME | Location Name |
| ON-PEAK INCREMENT PROXY | Proxy value to be used by Virtual bidders when evaluating the Financial Assurance requirement associated with unsettled On-Peak Increment Offers placed in the Day Ahead market for the applicable market day. |
| ON-PEAK DECREMENT PROXY | Proxy value to be used by Virtual bidders when evaluating the Financial Assurance requirement associated with unsettled On-Peak Decrement Bids placed in the Day Ahead market for the applicable market day. |
| OFF-PEAK INCREMENT PROXY | Proxy value to be used by Virtual bidders when evaluating the Financial Assurance requirement associated with unsettled Off-Peak Increment Offers placed in the Day Ahead market for the applicable market day. |
| OFF-PEAK DECREMENT PROXY | Proxy value to be used by Virtual bidders when evaluating the Financial Assurance requirement associated with unsettled Off-Peak Decrement Bids placed in the Day Ahead market for the applicable market day. |
| ZONAL LMP DATE | If this field is populated, it indicates the date which the proxy values begin to be calculated through the use of Zonal LMPs rather than that specific node's historical values. |

| WW_VIRBIDPROXY Change Summary | Effective Date |
|-------------------------------|----------------|
| Existing | 05.01.2007 |