| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– *RETIRED* |
| --- |
| 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:<br>• PRELIM<br>• 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:<br>• RESERVE SHORTAGE<br>• OP4 ACTION6<br>• OP4 ACTION11<br>• OP4 ACTION12<br>• OP4 ACTION13<br>• OP7<br><br>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. |
| 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 |

**SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– *RETIRED***
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 |
|---|---|
|  | minutes in the Shortage Event hour, divided by the Shortage Event Cumulative Minutes.<br><br>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:<br>• ACTIVE<br>• INACTIVE<br>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. |

**SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– *RETIRED***
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 Availability Adjustment MW | The sum of the Final Supplemented MW and Resource Planned Outage Exempt MW. |
| 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. |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– *RETIRED* | |
|---|---|
| SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV<br>Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT<br>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 |
| Final Supplemented MW | The MW value of the Supplemental Availability Contract, where the Resource is the Supplemented 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. |
| 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;<br>• GENERATOR<br>• 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. |

| SD_FCMAVAIL – Forward Capacity Market Availability Settlement Detail– *RETIRED* | |
|---|---|
| SD_FCMAVAIL_<market service>_<customer id>_<settlement date>_<version>.CSV<br>Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT<br>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 |
| 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.<br>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 |