SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 3

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. Credit Class: Generator Type FS: Fast Start NFS: Non-Fast Start FDDG: Flexible DDG NFDDG: Non-Flexible DDG CSF: Continuous Storage Facility
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: • 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. 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 3

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

<table>
<tr><th>REPORT COLUMN</th><th>DESCRIPTION</th></tr>
<tr><td>No Load Cost Ineligible Code</td><td>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></td></tr>
<tr><td>Commitment No Load Cost</td><td>No Load Cost from the Effective Offer for commitment.</td></tr>
<tr><td>No Load Cost Adjustment Code(s)</td><td>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></td></tr>
<tr><td>Adjusted No Load Cost</td><td>Commitment No Load Cost less any adjustments.</td></tr>
<tr><td>Final Five-Minute No Load Cost</td><td>The Adjusted No Load Cost divided by 12.</td></tr>
<tr><td>Energy Cost for Commitment MW Ineligible Code</td><td>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>
</table></td></tr>
</table>

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 3
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
	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)	Code identifier providing a reason for the adjustment to the Energy Cost for Commitment MW. 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. 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 3

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. Reason: 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.

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 3

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
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. Reason: 9 — Description: 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 3

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

<table>
<tr><th>REPORT COLUMN</th><th>DESCRIPTION</th></tr>
<tr><td>Dispatch Energy Cost Ineligible Code</td><td>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></td></tr>
<tr><td>Dispatch Energy Cost</td><td>The cost of the Eligible Quantity for Dispatch, calculated using the Effective Offer for dispatch.</td></tr>
<tr><td>Dispatch Energy Cost Adjustment Code(s)</td><td>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></td></tr>
<tr><td>Adjusted Dispatch Energy Cost</td><td>Dispatch Energy Cost less any adjustments.</td></tr>
<tr><td>Final Dispatch Energy Cost</td><td>The Adjusted Dispatch Energy Cost divided by 12.</td></tr>
<tr><td>Dispatch Revenue</td><td>The product of the Eligible Quantity for Dispatch Revenue and the Real-Time LMP divided by 12.</td></tr>
<tr><td>Regulation Opportunity Cost</td><td>This value will be reported as NULL.</td></tr>
<tr><td>Real-Time NCPC Dispatch Credit</td><td>The credit reflects Final Dispatch Energy Cost less Dispatch Revenue</td></tr>
<tr><td>Real-Time NCPC Dispatch Credit Adjustment Code(s)</td><td>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></td></tr>
<tr><td>Final Real-Time NCPC Dispatch Credit</td><td>Real-Time NCPC Dispatch Credit less any adjustments.</td></tr>
<tr><td>Real-Time NCPC Credit</td><td>The sum of Real-Time NCPC Commitment Credit and the Final Real-Time NCPC Dispatch Credit.</td></tr>
<tr><td>Ownership Share</td><td>A right or obligation, for purposes of settlement, to a percentage share of all credits or charges associated with an asset.</td></tr>
<tr><td>Participant Share of Real-Time NCPC Credit</td><td>Participant’s share of the Real-Time NCPC Credit based on the Ownership Share of the asset.</td></tr>
</table>

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 3 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
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: • 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: • 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.

SD_RTNCPCPYMT5MIN – Real-Time Net Commitment Period Compensation Five Minute Payment Report – Rev 3

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
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.
Adjustment Code(s)	Code identifier providing a reason for the adjustments to the Offer/Bid or Revenue/Cost. Reason: 8 — Description: 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".	11.01.2026
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