SD_RTNCPCPYMT5MIN_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

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

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 i	Numerical identifier for the asset.		
Asset Name	Name of the	e 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 Cla	ss 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: 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-M	inute Start-Up Cost less any adjustments.		

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Availability: Daily			
REPORT COLUMN	DESCRIPTION		
No Load Cost Ineligible Code	Code identifier providing a reason for the ineligibility of the No Load Cost.		
	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	
	27	Interval	
	27	Generator has meter value of zero in the	
	20	Trading Interval Generator is performing a participant audit or	
	28	owner testing in the Trading Interval	
Commitment No Load Cost	No Lond C		
	No Load Cost from the Effective Offer for commitment.		
No Load Cost Adjustment Code(s)	Code identifier providing a reason for the adjustment to the 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.	
Adjusted No Load Cost		ent No Load Cost less any adjustments.	
Final Five-Minute No Load Cost		ted No Load Cost divided by 12.	
Energy Cost for Commitment MW	Code identifier providing a reason for the ineligibility to the Energy		
Ineligible Code	Cost for Commitment MW.		
	Reason	Description	
	4	Self-Scheduled in planned start-up Trading	
		Interval	
	9	Self-Scheduled in Trading Interval	
	11	Generator is ramping in Trading Interval	

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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		f the Eligible Quantity for Commitment Costs MW up to	
	NCPC Economic Min, calculated using the Effective Offer for		
	commitment.		
Energy Cost for Commitment MW	Code identifier providing a reason for the adjustment to the Ene		
Adjustment Code(s)	Cost for C	ommitment 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 Co	ost 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	Code identifier providing a reason for the ineligibility to the Energy		
MW Ineligible Code		conomic 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	The energy	y cost of the Eligible Quantity for Commitment Costs MW,	
MW	dispatched between the NCPC Economic Min and the Economic		
		Point, calculated using the Effective Offer for dispatch.	

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Availability: Daily			
REPORT COLUMN	DESCRIPTION		
Energy Cost for Economic Dispatch	Code identifier providing a reason for the adjustment to the Energy		
MW Adjustment Code(s)	Cost for Economic Dispatch MW.		
	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	Maximum of Dispatch Revenue plus Regulation Opportunity Cost less		
Revenue	Final Dispatch Energy Cost, or zero.		
Apportioned Ramp Revenue	Commitment Revenue for Trading Intervals while ramping from an		
ripportioned rump revenue	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	The sum of the MRT Dispatch Lost Opportunity Cost Credit for MRT		
Credit for Period	Trading Intervals for the Commitment Period or Settlement Period.		

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Availability: Daily	DEG CDYPERVOY.			
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 identifier providing a reason for the adjustment to the MRT			
Code(s)	Credit for Period.			
	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	The Final Commitment Revenue plus Rapid Response Pricing			
Intervals	Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit			
	less the Commitment Cost.			
Negative Net Revenue for MRT	The Net Revenue for MRT Trading Intervals that is negative.			
Trading Intervals				
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	The Final Commitment Revenue plus Rapid Response Pricing			
Intervals	Opportunity Cost Credit and Dispatch Lost Opportunity Cost Credit			
	less the Commitment Cost.			
Post MRT Credit Accumulated Net	The accumulating Net Revenue for Post MRT Trading Intervals.			
Revenue				
Post MRT Credit Maximum	The maximum Post MRT Credit Accumulated Net Revenue. If value			
Accumulated Net Revenue	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	The Net Revenue for Post MRT Trading Intervals that is negative.			
Trading Intervals				
Total Negative Net Revenue for Post	The sum of the Negative Net Revenue for Post MRT Trading			
MRT	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.			
	<u></u>			

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

DESCRIPTION Code identifier providing a reason for the ineligibility to the Dispatch Energy Cost Ineligible Code Energy Cost. Reason Description 11 Generator is ramping in Trading Interval 14 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 Genera	Availability: Daily			
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 32 Generator is on regulation 32 Generator is on regulation 32 Generator is on regulation 33 Generator is on regulation 34 Generator is on regulation 35 Generator is on regulation 36 Generator is on regulation 37 Generator is on regulation 38 Generator is on regulation 39 Generator is on regulation 39 Generator is on regulation 39 Genera	REPORT COLUMN	DESCRIPTION		
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 34 Expost mitigation 34 Ex-post mitigation 35 Reversal of ex-ante mitigation 36 Correction of ex-ante mitigation 36 Correction of ex-ante mitigation 36 Correction of ex-ante mitigation 37 Code is any adjustments. 38 Code is any adjustments 38 Code is any adjustment 39 Code is any adjustment 30 Code is any adjustm	Dispatch Energy Cost Ineligible Code	Energy Cost.		
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 32 Generator is on regulation 32 Generator is on regulation 33 Generator is on regulation 34 Generator is on regulation 35 Generator is on regulation 36 Generator is on regulation 37 Generator is on regulation 37 Generator is on regulation 37 Generator is on regulation 38 Generator is on regulation 39 Generator				
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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 Participant's share of the Real-Time NCPC Credit based on the		The sum of Peal Time NCPC Commitment Could and the First Peal		
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of all credits or charges associated with an asset. Participant Share of Real-Time NCPC Participant's share of the Real-Time NCPC Credit based on the	Ownership Share	A right or obligation, for purposes of settlement, to a percentage share		
Participant Share of Real-Time NCPC	Ssisimp sinute			
<u>.</u>	Participant Share of Real-Time NCPC		-	
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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 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:		
NCPC Dispatch Credit Type	The reason the asset was dispatched, as follows:		
	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.		

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

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	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	03.31.2019
Economic Dispatch MW Ineligible Code", "Dispatch Energy Cost Ineligible Code", "Regulation	
Opportunity Cost" and "Real-Time NCPC Dispatch Credit".	
New	03.01.2017