



MSRS Report Documentation Updates FERC EQR and Load Response

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- Further updates were made to Appendix B– FERC EQR Product Mapping

PJM Billing Line Item	Net Stimnt? (Cr - Ch)	EQR Product	Location	Transaction Quantity	Price	Units	Transaction Amount	When to Report (Reporting Trigger)
Balancing Spot Market Energy	Y	ENERGY	PNODE Name	$= ((\text{Real-Time Withdrawal MW} - \text{Day-Ahead Withdrawal MW})/12 - (\text{Real-Time Injection MW} - \text{Day-Ahead Injection MW})/12) * -1$	RT System Energy Price	\$/MWH	$(\text{Transaction Quantity} * \text{Price}) + (\text{Balancing Congestion Charge} + \text{Balancing Losses Charge}) * -1$	<p>(Day-Ahead Withdrawal MW – Day-Ahead Energy Injection MW) < 0 or ((Real-Time Withdrawal MW – Day-Ahead Withdrawal MW)/12 – (Real-Time Injection MW – Day-Ahead Injection MW)/12) + Load Reconciliation MWh</p> <p>< 0</p> <p>or Transaction Quantity <= 0 and Price = 0</p>

PJM Billing Line Item	Net Stimnt? (Cr - Ch)	EQR Product	Location	Transaction Quantity	Price	Units	Transaction Amount	When to Report (Reporting Trigger)
Regulation	N	REGULATION & FREQUENCY RESPONSE	Gen Location ID	= Sum of (Resource Regulation MW/12 Provided * Customer Ownership Share of Resource)	Regulation Market Clearing Price	\$/MWH	Transaction Quantity * Price	Transaction Quantity > 0
Synchronized Reserve (Tier 2)	N	SPINNING RESERVE	Gen Location ID	= Sum of (Resource Synchronized Reserve MW /12 Provided * Customer Ownership Share of Resource)	Synchronized Reserve Market Clearing Price	\$/MWH	Transaction Quantity * Price	Transaction Quantity > 0
Emergency Energy	N	ENERGY	PNODE Name	= Emergency MW sold/12	Emergency Transaction Price	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Non-Synch Reserve	N	SUPPLEMENTAL RESERVE	Gen Location ID	= Sum of (Resource Non-Synchronized Reserve MW /12 Provided * Customer Ownership Share of Resource)	Non-Synchronized Reserve Market Clearing Price	\$/MWH	Transaction Quantity * Price	Transaction Quantity > 0

- Summary of updates to Appendix B:

Billing Line Item	Changed Columns	Updates
Balancing Spot Market Energy	Transaction Quantity, Reporting Trigger	Added divide by 12 to transaction quantity expression and reporting trigger expression
Regulation	Transaction Quantity	Added divide by 12 to transaction quantity expression
Synchronized Reserve Tier 2	Location, Transaction Quantity	Changed Location to Gen Location ID from Reserve Zone/Subzone. Added divide by 12 to transaction quantity expression
Emergency Energy	Location, Transaction Quantity	Changed Location to PNODE Name from Gen Location ID. Changed Transaction Quantity to Emergency MW sold/12
Non-Synchronized Reserve	Transaction Quantity	Added divide by 12 to transaction quantity expression

- Emergency Load Response Make Whole Credits and supporting details were moved from the hourly Load Response Summary report to the 5 minute level Real-time Load Response Credits Report

Real-Time Load Response Credits																					
Customer Account:		Report Creation Timestamp (EPT):																			
Start Billing Month:		End Billing Month:																			
4000.01	4000.02	4000.03	4000.05	4000.06	4001.4	4001.41	4000.93	3001.93	4000.94	4000.95	4000.32	3001.91	3000.25	3001.92	2241.01	2245.01	2245.13	2245.14	2245.02	4000.07	
Customer ID	Customer Code	Billing Month	EPT Hour Ending	GMT Hour Ending	EPT Interval Ending	GMT Interval Ending	Registration ID	Registration Type	EDC Account Number	End Use Customer	Zone	RT Load Response Distributed MW	RT LMP (\$/MWh)	Test Price (\$)	Monthly Net Benefits	RT Economic Load Response Credit (\$)	Emergency Load Response Energy Credit (\$)	Emergency Load Response Bid Price (\$/MWh)	Shutdown Cost (\$)	Emergency Load Response Make Whole Credit (\$)	Version
The report body starts immediately below the column names																					
End of Report																					
The data on this report is preliminary until the end of the billing cycle. These results are based on load response transactions that have been settled to date.																					