

FERC EQR Changes for 5 Minute Settlements



Sean Flamm
Engineer, Market Settlements Development
Market Settlements Subcommittee
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CSV Column Name	Data Type	Data Description
transaction_begin_date	DATE YYYYMMDDHHMM format	<p>This is the start date of the transaction / activity being reported. It is reported in EPT Hour Beginning or EPT Interval Beginning date format.</p> <p>Other MSRS reports display dates in EPT Hour ENDING or EPT Interval ENDING format. This difference should be noted when comparing activity on this report to activity on other MSRS reports.</p>
transaction_end_date	DATE YYYYMMDDHHMM format.	<p>This is the end date of the transaction / activity being reported. It is reported in EPT Hour Beginning or EPT Interval Beginning date format.</p> <p>This end date is exclusive and therefore represents the top of the following interval, hour, day or month (depending on the granularity of the credit displayed).</p>
increment_name	CHAR(4)	<p>This column will be populated with 5, 15, H, D, M or Y, depending on the billing line item.</p> <p>5 = Five-Minute 15 = Fifteen-Minute H = Hourly D = Daily M = Monthly Y = Yearly See section 11 for increment name for each line item</p>



Appendix A Changes

Reportable Item	Trans_ID Prefix	Increment Name	Increment Peaking Name
Day-ahead Spot Market Energy Charge	PJMDASME	H	P or OP
Balancing Spot Market Energy Charge	PJMRTSME	5	P or OP
Load Reconciliation for Spot Market Energy Charge	PJMRECON	H	P or OP
Meter Error Correction Charge	PJMRTMEC	M	N/A
Regulation Market Clearing Price (RMCP) Credit	PJMMKREG	5	P or OP
Regulation Lost Opportunity Cost Credit	PJMMKRLO	5	P or OP
Synchronized Reserve Tier 1 Credit	PJMMKST1	5	P or OP
Synchronized Reserve Tier 2 Credit	PJMMKST2	5	P or OP
Synchronized Reserve Lost Opportunity Cost Credit	PJMMKSLO	5	P or OP
Day-ahead Operating Reserve Credit	PJMDAOPR	D	N/A
Balancing Operating Reserve Credit	PJMRTOPR	D	N/A
Synchronous Condensing Credit	PJMRTCND	D	N/A
Reactive Services Credit	PJMRTREA	D	N/A
Emergency Energy Credit	PJMRTEME	5	P or OP
Reactive Supply and Voltage Control from Generation and Other Sources Service Credit	PJMMKREA	M	FP
Black Start Service Credit	PJMMKBLS	M	FP
RPM Auction Credit	PJMMKRPM	Y	FP
Interruptible Load for Reliability Credit	PJMMKILR	Y	FP
Day-ahead Scheduling Reserve Credit	PJMMKDASR	H	P or OP
Non-Synch Reserve Market Clearing Price Credit	PJMMKNSR	5	P or OP
Non-Synch Reserve Lost Opportunity Cost Credit	PJMMKNSRLO	5	P or OP



Appendix B Changes (1/2)

PJM Billing Line Item	Net Stlmnt? (Cr - Ch)	EQR Product	Location	Transaction Quantity	Price	Units	Transaction Amount	When to Report (Reporting Trigger)
Day-ahead Spot Market Energy	Y	ENERGY	PNODE Name	= (Day-Ahead Withdrawal MW – Day-Ahead Energy Injection MW) * -1	DA System Energy Price	\$/MWH	(Transaction Quantity * Price) + (Day-ahead Congestion Charge + Day-ahead Losses Charge) * -1	= (Day-Ahead Withdrawal MW – Day-Ahead Energy Injection MW) < 0
Balancing Spot Market Energy	Y	ENERGY	PNODE Name	= ((Real-Time Withdrawal MW – Day-Ahead Withdrawal MW) – (Real-Time Injection MW – Day-Ahead Injection MW)) * -1	RT System Energy Price	\$/MWH	(Transaction Quantity * Price) + (Balancing Congestion Charge + Balancing Losses Charge) * -1	(Day-Ahead Withdrawal MW – Day-Ahead Energy Injection MW) < 0 or ((Real-Time Withdrawal MW – Day-Ahead Withdrawal MW) – (Real-Time Injection MW – Day-Ahead Injection MW)) + Load Reconciliation MWh < 0 or Transaction Quantity <> 0 and Price = 0
Load Reconciliation for Spot Market Energy	Y	ENERGY	PNODE Name	= Load Reconciliation Energy * -1	RT System Energy Price	\$/MWH	(Transaction Quantity * Price) + (Load Reconciliation for Transmission Congestion Charge + Load Reconciliation for Transmission Losses Charge + Load Reconciliation for Transmission Congestion Charge due to Residual Metered Load + Load Reconciliation for Transmission Losses Charge due to Residual Metered Load) * -1	(Day-Ahead Withdrawal MW – Day-Ahead Energy Injection MW) < 0 or ((Real-Time Withdrawal MW – Day-Ahead Withdrawal MW) – (Real-Time Injection MW – Day-Ahead Injection MW)) + Load Reconciliation MWh < 0
Regulation	N	REGULATION & FREQUENCY RESPONSE	Gen Location ID	= Sum of (Resource Regulation MWh Provided * Customer Ownership Share of Resource)	Regulation Market Clearing Price	\$/MWH	Transaction Quantity * Price	Transaction Quantity > 0
Regulation (Lost Opportunity Cost)	N	REGULATION & FREQUENCY RESPONSE	Gen Location ID	1	Customer Share of Regulation Lost Opportunity Cost Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Synchronized Reserve (Tier 1)	N	SPINNING RESERVE	Gen Location ID	1	Customer Share of Synchronized Reserve Tier 1 Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0



Appendix B Changes (2/2)

PJM Billing Line Item	Net Stlmnt? (Cr - Ch)	EQR Product	Location	Transaction Quantity	Price	Units	Transaction Amount	When to Report (Reporting Trigger)
Synchronized Reserve (Lost Opportunity Cost)	N	SPINNING RESERVE	Gen Location ID	1	Customer Share of Synchronized Reserve Lost Opportunity Cost Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Day-ahead Operating Reserve	N	UPLIFT	Gen Location ID	1	Customer Share of DA Operating Reserve Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Balancing Operating Reserve	N	UPLIFT	Gen Location ID	1	Customer Share of BAL Operating Reserve Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Synchronous Condensing	N	UPLIFT	Gen Location ID	1	Customer Share of Synchronous Condensing Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Reactive Services	N	REACTIVE SUPPLY & VOLTAGE CONTROL	Gen Location ID	1	Customer Share of Reactive Services Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Emergency Energy	N	ENERGY	Gen Location ID	1	Customer Share of Emergency Energy Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0
Day-Ahead Scheduling Reserve	N	SUPPLEMENTAL RESERVE	Gen Location ID	= Sum of (Resource DASR MWH Provided * Customer Ownership Share of Resource)	Day-ahead Scheduling Reserve Market Clearing Price	\$/MWH	Transaction Quantity * Price	Transaction Quantity > 0
Non-Synch Reserve (Lost Opportunity Cost)	N	SUPPLEMENTAL RESERVE	Gen Location ID	1	Customer Share of Non-Synchronized Reserve Lost Opportunity Cost Credits	FLAT RATE	Transaction Quantity * Price	Transaction Amount > 0