



Requesting 5 Minute Meter Data / Reminder on 5- Minute LMP Data

Ray Fernandez
Manager, Market Settlements Development
Market Settlements Subcommittee
February 15, 2018

Power Meter

Generation Resource

- Sends email to PJM Market Settlements by 1700 on March 16, 2018 (for an Operating Day start of April 1, 2018)
- Sends email to PJM Market Settlements after 1700 on March 16, 2018 through April 4, 2018 (for an Operating Day start no earlier than April 9, 2018)

PJM Market Settlements

- Performs verification
- Notifies Generation Resource that resource is set-up in Power Meter

Generation Resource

- Submits 5-minute revenue meter data on effective Operating Day

Generation Resource

- Sends email to PJM Market Settlements at least 3 business days prior to Operating Day for which 5-minute revenue meter data is effective

PJM Market Settlements

- Performs verification
- Notifies Generation Resource that resource is set-up in Power Meter

Generation Resource

- Submits five minute revenue meter data on effective Operating Day

Data Miner 2



Existing Hourly Data: Where Does Data Exist for Operating Day?

	Operating Days < 4/1/2018	Operating Days ≥ 4/1/2018
Hourly RT LMP & Ancillary Service LMP (Daily and Monthly files)	<ul style="list-style-type: none"> Flat files on pjm.com** Data Miner 2 	<ul style="list-style-type: none"> Data Miner 2
Hourly DA LMP (Daily and Monthly Files)	<ul style="list-style-type: none"> Flat files on pjm.com** Data Miner 2 	<ul style="list-style-type: none"> Data Miner 2
Operational Data Page	pjm.com**	
RT Marginal Value	<ul style="list-style-type: none"> Flat files on pjm.com** Data Miner 2 	<ul style="list-style-type: none"> Data Miner 2 Consolidated into 1 data feed 5-minute version only
RT Transmission Constraints	<ul style="list-style-type: none"> Flat files on pjm.com** Data Miner 2 	
Preliminary Billing Data and Reconciliation Billing Determinants	<ul style="list-style-type: none"> Flat files on pjm.com** Data Miner 2 	

****3Q 2018 pjm.com flat files retirement plan and Operational Data Page changes continue to be discussed at Tech Change Forum**

Operating Days \geq 4/1/2018	
5-Minute RT LMPs	Data Miner 2 only
5-Minute Ancillary Service LMPs	
5-Minute RT Marginal Value and Transmission Constraints	

- Preliminary and final load-weighted average transmission zone LMPs and residual aggregate LMPs are available



Ancillary Services / Operating Reserves Market Trials

- Ancillary Services and Operating Reserves data available in MSRS Training environment
 - Utilize the same operating days as the Day-ahead and Balancing market trials
 - 11/13/2017 and 12/15/2017
 - Regulation, Sync Reserve, and Non-Sync Reserve data on 2/20
 - Load Response and Operating Reserve data on 2/26
 - Communication will be sent out to identify specific reports
- 3rd Market Trial date - TBD
- Questions/Comments?
 - mss@pjm.com