

Interregional Coordination Update

Mike Handlin Manager, Interregional Market Operations Members Committee Webinar September 18, 2023



MISO/PJM Joint Stakeholder Meeting



The most recent Joint and Common Market meeting was held on August 18, 2023.



The next joint stakeholder meeting will be hosted by MISO in February of 2024 (date TBD) via WebEx



Meeting materials are posted approximately one week in advance on the PJM Meeting Center

PJM - PJM/MISO Joint & Common Market Initiative



February 2024 MISO-PJM JCM Topics & Questions

Planning Issues	 Interregional Planning 	
Market Issues	Freeze DateM2M Enhancements	Submit topics for the JCM Meeting to Michael.Handlin@pjm.com
Administrative	 M2M Settlements Issue Status Retirement of JCM Website (pending) 	



- PJM-MISO Issue Status & Market-to-Market Settlement Adjustments
- Issue status and drill down reports available at below websites:
 - PJM/MISO Joint and Common Market Initiative
- Biennial Review of MISO-PJM Joint Operating Agreement taking place for 2024:
 - <u>https://pjm.com/markets-and-operations/energy/market-to-market.aspx</u>
- Pending market-to-market settlement adjustments
 - 2021 Merit Order Resettlement



Summer 2021 Merit Order



Governing Document Requirement

In accordance with PJM Tariff, section 10.4, and Operating Agreement, section 15.6, billing adjustments are required related to the unrevised Summer 2021 Summer Merit Order file, directing the units that service control area load between MISO and PJM under the PJM/MISO Joint Operating Agreement. The resulting impacts to balancing congestion for the period of August 31, 2021 through November 18, 2021.



Firm Flow Entitlements

- Historic Firm Flows (Impacts)
 - All Control Areas maintained their configuration set April 1st, 2004
 - Serve native load with their Designated Network Resources
 - Import and export energy at historical levels
 - Allocation Process
 - Firm Flow Entitlement (FFE)
- Merit Order File
 - List of units that serve a Control Areas load







Settlement Impact

- Total Resettlement: \$10,072,302.37
 - Total Number of flowgates: 24
 - Range from 08/31/2021 to 11/18/2021
 - Original Settlement:
 - \$(1,131,798.20) MISO to PJM
 - New Settlement (\$10k Threshold):
 - \$9,478,713.78 PJM to MISO



10 Most Impacted Flowgates

Flowgate ID	Flowgate Name	Resettlement	Original Settlement	New Settlement
25944	Northwest Tap - Purdue 138 kV I/o Westwood - W Lafayette 138 kV	\$ 6,658,320.66	\$ (3,371,072.61)	\$ 3,299,082.36
23576	Sandburg XF3 I/o Oak Grove - Sandburg 345 kV	\$ 1,921,014.32	\$ 1,386,884.48	\$ 3,623,171.79
25103	Cayuga – HillsdaleN 230 kV l/o Dresser-SugarCreek 345 kV	\$ 603,142.85	\$ (829,188.71)	\$ (236,397.85)
24817	Mohomet - Mahomet_TP 138kV I/o Clinton - Oreana - GooseCrk 345 kV	\$ 412,108.46	\$ 831,570.77	\$ 1,254,548.83
26642	Prest - Tibb 138 kV I/o Prairie State - Mt Vernon 345 kV	\$ 348,937.92	\$ (555,990.21)	\$ (188,723.40)
27086	Lafayette 1S 138/230 kV l/o Lafayette 4 138/230 kV	\$ 199,658.99	\$ 497,352.10	\$ 680,228.33
3424	Mt Vernon - W Salem 138 kV I/o Newton-Xenia 345 kV	\$ (169,445.70)	\$ (731,693.40)	\$ (1,253,123.16)
27067	Westwood 345-138 -BK1 I/o Sorenson-Marysvil-765	\$ 158,405.50	\$ 205,963.09	\$ 364,368.59
26203	QuadCities - RockCreek 345 kV I/o QuadCities-Sub91 345/161 kV Sub91 XF	\$ 150,207.63	\$ (73,190.69)	\$ 77,016.94
27079	Laclede Steel North tap-Gilespie 138 l/o Maywood - Herleman 345 kV	\$ (79,794.72)	\$ (25,144.92)	\$ (119,019.22)
	То	t al: \$ 10,202,555.91	\$ (2,664,510.10)	\$ 7,501,153.21



Congestion Management Process / Freeze Date

- CMP members continues to meet on a regular basis working through Freeze Date data analysis
 - Next CMP working group meeting 9/7
 - Next CMP Council meeting 9/13



- MISO presented counterproposal to CMP collaborated solution at JCM
 - Based on MISO IMM comments
 - Presentation found under meeting material for 8/18/23 PJM/MISO Joint & Common Market Initiative



PJM – NYISO JOA

PJM and NYISO coordinating on proposed JOA language updates

- Update to Terms and Definitions
 - M2M Flowgate vs Other Coordinated Flowgate
- Review of PJM-NYISO IROL reference under section 35.5.9
- Review of PJM-NYISO Interconnected Facilities Schedule A – Remove list from JOA and create public posting



DEP / TVA Activities

- PJM, LGE-KU & TVA Joint Reliability Coordination Agreement (JRCA) approved by FERC, effective 6/5/23. Latest version found at:
 - <u>https://www.pjm.com/-</u>
 <u>/media/documents/agreements/joint-reliability-</u>
 <u>agreement-jrca-pjm-tva.ashx</u>



Dynamic Transfer Request – Survey Revisions

- The Dynamic Transfer (DT) requests survey collects information from members for the implementation, modification or termination of a DT.
 - Accessed through PJM's DT website: <u>https://pjm.com/about-pjm/member-services/dynamic-transfers</u>
 - First step in the process to request/manage DTs with PJM
 - Current survey
 - Questions are detailed/specific
 - Geared toward PJM imports
 - Proposed survey revisions
 - Simplify the questions
 - Split into different paths import/export, generation/load
 - Provide guidance manual references, email address for questions

 Dynamic Transfer Requests

 Request/Manage Dynamic Transfers



Dynamic Transfer Survey Revisions - example

Simplify questions: free text answers

Current survey	Proposed survey		
Source Balancing Authority			
🔿 Carolina Power & Light East			
O California Power & Light West			
O Duke Energy Carolinas	Native balancing		
O Louisville Gas & Electric/Kentucky Utilities	authority		
O Midcontinent ISO			
O New York ISO			
O Tennessee Valley Authority			
() Other			



Dynamic Transfer Survey Revisions - example

Multiple question paths

Current survey	Proposed survey
	Dynamic transfer type
	O Dynamic schedule
	O Pseudo tie
Dynamic Transfer Type	What is the nature of this dynamic transfer?
O Dynamic Schedule	O PJM import
O Pseudo-Tie	○ PJM export
	What will the new dynamic transfer provide?
	() Generation

Jpjm

Dynamic Transfer Survey Revisions - example

Provide guidance on screen

Current survey

Proposed survey

Thank you for contacting PJM. We have received your request and someone will be in contact with you shortly. Please contact <u>DynamicTransferRequests@pjm.com</u> with additional questions.

Per PJM Manual 12, Attachment F, please notify the native balancing authority (BA) and provide PJM with evidence of such notification. Emails may be sent to <u>DynamicTransferRequests@pjm.com</u>.

Please contact the attaining balancing authority (BA) for a list of their requirements and provide to PJM at <u>DynamicTransferRequests@pjm.com</u>.

Thank you for submitting your Dynamic Transfer request. Do you need to <u>submit another request</u>?



Dynamic Transfer Survey Revisions

For more information on Dynamic Transfers, please review PJM Manual 12, Attachment F or visit <u>https://pjm.com/about-pjm/member-services/dynamic-transfers</u>

- Target survey go-live date pending Stakeholder feedback: 10/23/2023



Interregional Planning

- PJM / MISO IPSAC October 27, 2023
- PJM / New York & New England IPSAC December 8, 2023





Facilitator: Michele Greening, <u>Michele.Greening@pjm.com</u>

SME/Presenter: Mike Handlin, <u>Michael.Handlin@pjm.com</u>

Interregional Coordination Update

Member Hotline (610) 666 – 8980 (866) 400 – 8980 custsvc@pjm.com

