

Interregional Coordination Update

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Members Committee Webinar
September 18, 2023





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



Planning Issues

Interregional Planning

Market Issues

- ••Freeze Date
- M2M Enhancements

Administrative

- M2M Settlements
- Issue Status
- Retirement of JCM Website (pending)

Submit topics for the JCM Meeting to

Michael.Handlin@pjm.com



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:
 - https://pjm.com/markets-and-operations/energy/market-to-market.aspx
- Pending market-to-market settlement adjustments
 - 2021 Merit Order Resettlement



Summer 2021 Merit Order



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



Event Summary

June 2021 Aug. 2021 Oct. 2021 Nov. 2021 June 16 Began Aug. 31 Summer • Oct. 27 MISO • Nov. 10 Revised 2021 Merit Order work on the emailed to inquire NNL Merit Order Native Network file was effective. about PJM was submitted to Load (NNL) OATI. resources. Merit Order file. •Oct. 28 PJM began • Nov. 18 Revised updating the NNL NNL Merit Order file Merit Order File. was put in effect.



Impact Evaluation

Mar. 21 Change Order #130 Created Open Access Technology International (OATI) Seasonal Impacts.

May 5 Change Order #130 Executed.

Aug. 10 Change Order #131 Created OATI Monthly Impacts.

- Jan. 24 Allocation evaluation
 & settlement estimate.
- Apr. 4 Change Order #132
 Created weekly, 2 Day Ahead
 & Day Ahead Impacts.
- Apr. 19 Change Order #132 Executed.

Dec. 2021

Mar. 2022

Apr. 2022

May 2022

Jul. 2022

Aug. 2022

Sep. 2022

2023

Dec. 17 PJM investigating estimation of settlement impacts.

Apr. 20 Created Operating Memo #16 PJM Merit Order Procedure.

Jul. 25 Collaboration with MISO for settlement estimation.

Sep. 15 Change Order #131 Executed.



- 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 I/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 I/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)
	Tota	I: \$ 10,202,555.91	\$ (2,664,510.10)	\$ 7,501,153.21

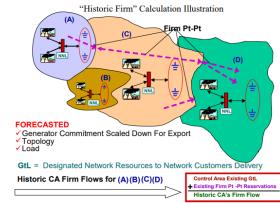


CMP members continues to meet on a regular basis working

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 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



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



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: https://pjm.com/about-pjm/member-services/dynamic-transfers
 - 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 Survey Revisions - example

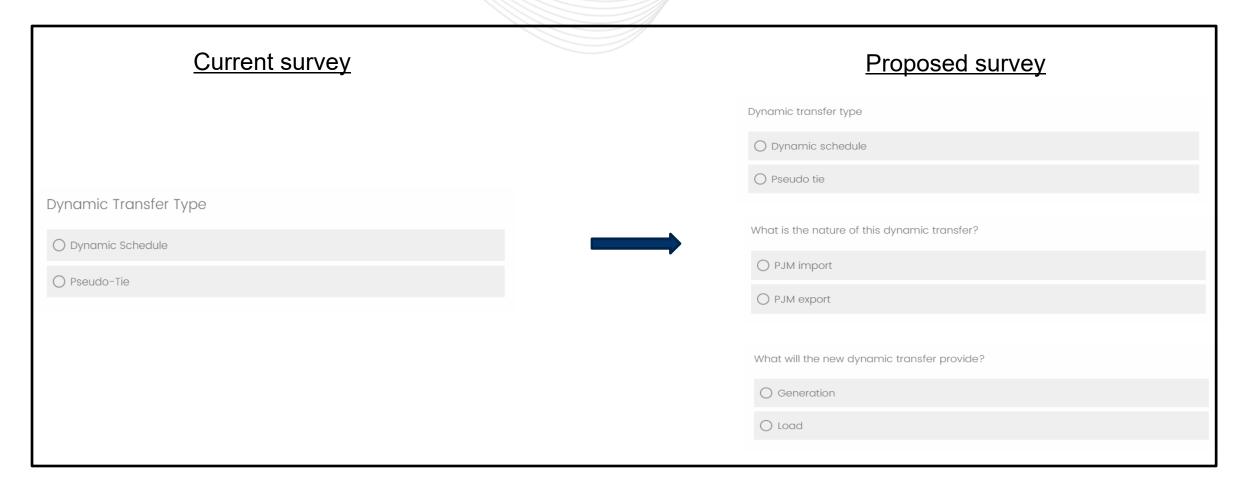
Simplify questions: free text answers





Dynamic Transfer Survey Revisions - example

Multiple question paths





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@pim.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 Thank you for submitting your Dynamic Transfer request. DvnamicTransferRequests@pim.com. Do you need to submit another request? Please contact the attaining balancing authority (BA) for a list of their requirements and provide to PJM at <u>DynamicTransferRequests@pjm.com</u>.



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

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



• PJM / MISO IPSAC October 27, 2023

PJM / New York & New England IPSAC December 8, 2023





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Interregional Coordination Update



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