

Interregional Coordination Update

Mike Handlin Manager, Interregional Market Operations Members Committee Webinar November 14, 2022



MISO/PJM Joint Stakeholder Meeting



The most recent Joint and Common Market meeting was held on August 29, 2022.



The next joint stakeholder meeting will be hosted by MISO in February, 2023 (date TBD) via WebEx



Meeting materials are posted approximately one week in advance at the <u>PJM/MISO Joint and Common Market Initiative</u> as well as the <u>Joint and Common Market</u> websites



February, 2023 MISO-PJM JCM Topics & Questions

Planning Interregional Planning Issues Submit topics for the JCM Meeting to ••Freeze Date Market Issues Michael.Handlin@pjm.com M2M Enhancements M2M Settlements Administrative Issue Status



- 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
 - Joint and Common Market
- Biennial Review of MISO-PJM Joint Operating Agreement:
 - <u>https://pjm.com/markets-and-operations/energy/market-to-market.aspx</u>
- Pending market-to-market settlement adjustments
 - None





PJM-MISO Freeze Date and Firm Flow Entitlements

- Reference date of April 1, 2004, known as "Freeze date", is used as a mechanism to determine firm rights on flowgates based on pre-market firm flows.
 - CMP Members (PJM, MISO, SPP, TVA, Manitoba Hydro, and LGE/KU) have been developing a collaborative solution to update these firm rights
- CMP Members are working on the final items for the Phase 2 solution:
 - Phase 2 implementation date will be determined when individual Planning discussions are completed by each entity
 - CMP members have developed design components for the Phase 2 solution
 - Firm Flow Entitlement (FFE) solution is almost finalized; Firm Flow Limit (FFL) remains an open item
 - Discussions will continue to finalize design components and whitepaper
 - Stakeholder education will occur during future MIC and JCM meetings
 - Stakeholders will be updated prior to FERC filing







- PJM and TVA continue to review the Joint Reliability Coordination Agreement (JRCA)
 - General review of JRCA
 - Updating Article IX Planning section
 - Adding LGE-KU to the JRCA
 - PJM, LGE-KU and TVA are still working on this agreement
 - FERC filing for changes (as it applies to PJM and LGE-KU) expected in Q4, 2022 / Q1 2023
 - Updates will be reviewed with PJM Stakeholders prior to FERC filing
 - OC, MC Webinar



Coordinated System Plan (CSP) Study

CSP studies could include:

- Interregional Market Efficiency Project (IMEP)
- Targeted Market Efficiency Project (TMEP)
- Interregional Reliability Project (IRP)
- Public Policy
- Ad Hoc studies

JRPC decision is to conduct a 2022 CSP TMEP

- Based on ~\$519 million congestion on M2M flowgates in 2020 & 2021
- Preliminary data presented at February 17, 2022 IPSAC meeting



Coordinated System Plan (CSP) TMEP Study

Of the preliminary \$519M of congestion

- \$191M of congestion was determined to be non-persistent or mitigated by future upgrades
- TMEP study in 2022 covers the remaining \$328M of congestion
- 23 TMEP study candidates taken under consideration
 21 TMEP candidates eliminated
 2 TMEP candidates remain under consideration



TMEP Study Timeline

September - October

- Worked with facility owners to identify limiting equipment and potential upgrade
- Completed evaluation of potential upgrades
- November December
 - Joint review of results and JRPC recommendation to Boards









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