

PJM-MISO IPSAC

October 27, 2023

- Coordinated System Plan (CSP) Study Status Update
- PJM Regional Process and Criteria
 - PJM 2022/23 Market Efficiency Cycle
- MISO Regional Process Update
- Annual Issues Review Notice



Coordinated System Plan (CSP) Study Status Update

- CSP 2022
 - December 15, 2022 IPSAC Meeting
 - TMEP solution selected was the Powerton-Towerline 138kV Wavetrapp
 - RTO Boards approve (PJM - February 2023, MISO - March 2023)
 - PJM B3760 / MISO MTEP 24573
 - Construction Status – Engineering/Procurement (EP)
 - Projected In-service Date – June 1, 2025

- After discussions with stakeholders at the February 17, 2023 Interregional Planning Stakeholder Advisory Committee (IPSAC), the MISO-PJM Joint RTO Planning Committee decided not to initiate a Coordinated System Plan (CSP) study in 2023
- The CSP determination was based on the following rationale:
 - Interregional Market Efficiency Project (IMEP):
 - No interregional constraints were identified in the respective regional processes
 - Targeted Market Efficiency Project (TMEP):
 - RTOs believed it prudent to assess the impact of planned upgrades and congestion persistence with an additional year of market data
 - Interregional Reliability Projects; Interregional Public Policy Projects; Ad-Hoc studies:
 - No drivers were identified to warrant a study

PJM Regional Process Status Update

2022 RTEP Window 3 – Progress Update

- Window Summary (Dominion Data Center Load Growth):
 - The 2022 Window 3 opened on March 24, 2023 and closed on May 31 2023.
 - 72 Proposals were received from 10 entities
 - 6 are Incumbent, 4 Non Incumbent
 - 16 Projects are upgrades, while 50 are Greenfield
 - 44 Proposals have Cost Containment Commitments
- PJM completed individual proposal screening and planning evaluations
- PJM completed technical and constructability of scenario evaluations
- Short list of 3 scenario candidates were presented at the [September 9, 2023 TEAC meeting](#)
- Next Steps
 - PJM will use the October 31st TEAC meeting for presenting a 1st Read of the selected scenario candidate

- PJM opened the 2023 RTEP W1 on July 24, 2023 and closed on September 22, 2023
 - PJM Released latest updated basecase and information files on July 24th 2023
 - PJM Released an addendum on August 3rd 2023
- Total 266 flowgates (130 competitive Vs. 136 non-Competitive)
- 20 total proposals submitted from 9 different entities (7 Incumbents & 2 Non Incumbents)
 - 7 Greenfields
 - 13 Upgrades
- Window focused on resolving reliability constraints outside the area currently covered by the 2022 RTEP W3 scope.
- 60 Day Window
- Targeting Feb 2024 board approval – Nov., Dec. and Jan. TEAC for solutions.

PJM 2022/23 Market Efficiency Cycle

- Back in January, PJM posted a preliminary ME Base Case:
 - Included the reliability upgrades from the 2022 Window 1 and 2022 Multi-Driver Window.
 - Preliminary case was posted on the [ME secure page](#).
- Updated Market Efficiency Assumptions [whitepaper](#) posted with the July TEAC materials.
 - Summarizes Market Efficiency input assumptions presented at TEAC meetings March through July.
 - Whitepaper included for consideration by the PJM board at the July meeting.
- Updates to the Market Efficiency Base Case will be posted as necessary.

- PJM delayed the opening of the 2022/2023 Long-Term Window until the reliability violations for the 2022 Window 3 (Dominion data center loads) are addressed.
 - Some 138 kV ComEd constraints binding independently of the Dominion data center load issue were also identified and posted as reliability violations in the 2023 RTEP Window 1.
- Schedules for the 2023 Acceleration and 2023 Reevaluation analyses may also be impacted.
- PJM will reassess congestion once a solution for the 2023 RTEP Window 1 is selected and provide additional details to stakeholders at future TEAC meetings.

MISO Regional Process Status Update

- The 2023 MISO Transmission Expansion Plan (MTEP23) will go before MISO Board of Directors in December 2023 for approval
 - The draft [MTEP23 Report](#) is posted to the MISO public website
- Projects targeting MTEP 2024 are under evaluation and will be discussed at the respective [MISO sub-regional planning meetings](#) beginning in Q1 2024
 - [MTEP24 preliminary project list](#) is posted to the MISO website
 - MTEP24 powerflow models will be available in Q1 2024
- [MISO Long Range Transmission Planning](#) (LRTP) effort will continue into 2024 and beyond

Notice of Annual Issues Review

- In the 4th quarter, RTOs exchange planning information (to be completed in December 2023):
 - Regional issues and newly approved projects near the seam
 - New regional issues
 - M2M historical congestion
- RTOs to jointly review above in January/February 2024
- Receive Third Party issues in first quarter, but no less than 30 days before Issues Review IPSAC
- Issues Review IPSAC
 - Held in the first quarter of each year
 - Must provide 60 calendar day notice of scheduled date
 - Stakeholder feedback due 30 days prior to IPSAC
- Within 45 calendar days after the Issues Review IPSAC the JRPC shall determine the need for a Coordinated System Plan study
- JRPC notifies the IPSAC of its decision within 5 business days



Annual Issues Review (including stakeholder feedback) provides basis for JRPC to determine Coordinated System Plan (CSP) study needs

CSP studies could include:

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

- The 2023 Annual Issues Review IPSAC meeting is scheduled for **March 1, 2024**
- MISO and PJM will review and solicit stakeholder feedback at the meeting
 - Regional issues & solutions
 - 3rd party issues
- Issues and plans will be/have been discussed at regional meetings
 - PJM issues presented at [TEAC meetings](#)
 - MISO issues presented at [Subregional Planning Meetings](#) (SPMs)

- 3rd parties may submit input to the Annual Issues Review process
- MISO and PJM will send an email request to their respective planning distribution lists, or you may contact the email addresses below
- Feedback is required by COB **January 31, 2024** (30 days prior to IPSAC meeting) to both MISO and PJM
 - PJM: inter.regional.planning.team@pjm.com
 - MISO: interregionalplanning@misoenergy.org

- Stakeholder input due: January 31, 2024
- Annual Issues Review IPSAC: March 1, 2024
- JRPC determines whether to perform a CSP study in 2024: April 15, 2024 (at the latest)
 - JRPC will inform IPSAC within 5 days of the decision

Open Discussion



PJM:

inter.regional.planning.team@pjm.com

MISO:

interregionalplanning@misoenergy.org