

Interregional Coordination Update

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Interregional Market Operations
Market Implementation Committee
August 6, 2025

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Congestion Management Process / Freeze Date

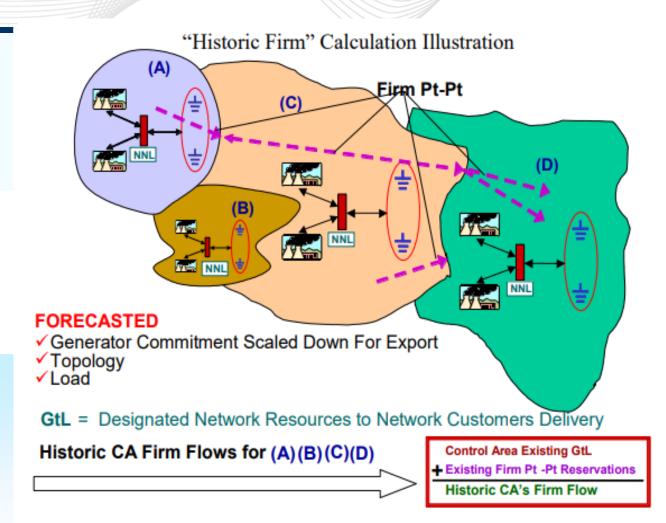
CMP members continue to meet on a regular basis working through Freeze Date data analysis.

July 31, 2025 Aug 13, 2025

Last CMPWG Next CMP Next CMPWG

meeting only Council meeting meeting *FD Only

July CMP meetings focus on PFV Change Order #444 that captures flowgate attributes prior to accounting for freeze date overrides





Congestion Management Process / Freeze Date

Other Areas of Focus in CMPWG

Firm Flow Limit Update
Considering PFV for FFL

Energy Storage Resource
Considerations in Market Flow
Calculation

FERC Order 881 Impacts to Flowgate Allocation

Review Current Transmission Upgrade Study Process



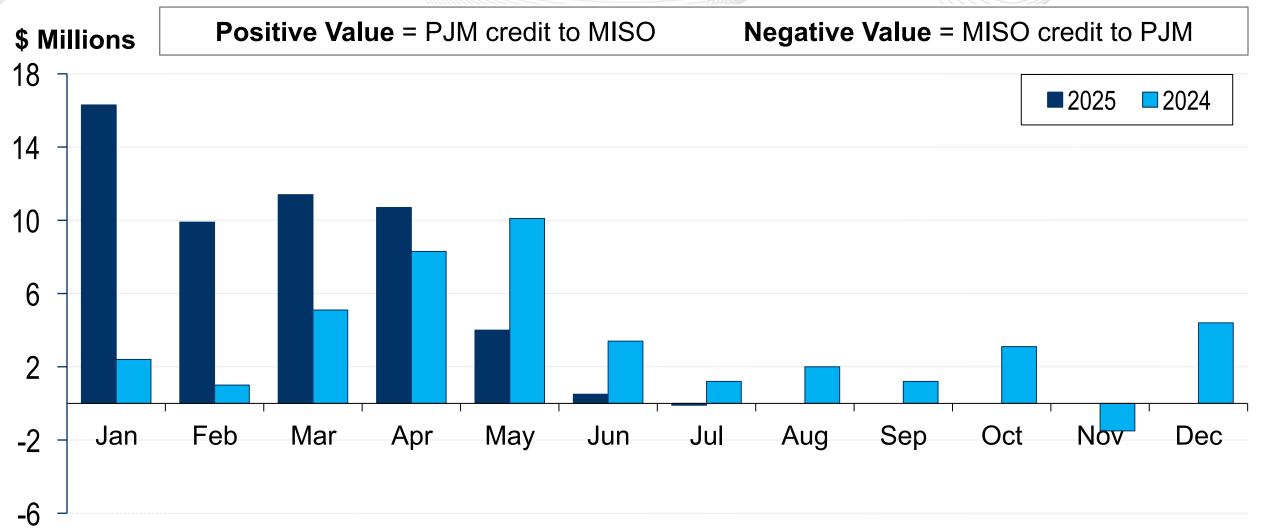
Market-to-Market Metrics based on Joint Operating Agreements

M2M Coordination with MISO

- PJM-MISO JOA Attachment 2 Congestion Management Process
- PJM-MISO JOA Attachment 3 –
 M2M Coordination
- PJM-NYISO JOA Schedule D –
 M2M Coordination & PAR Coordination

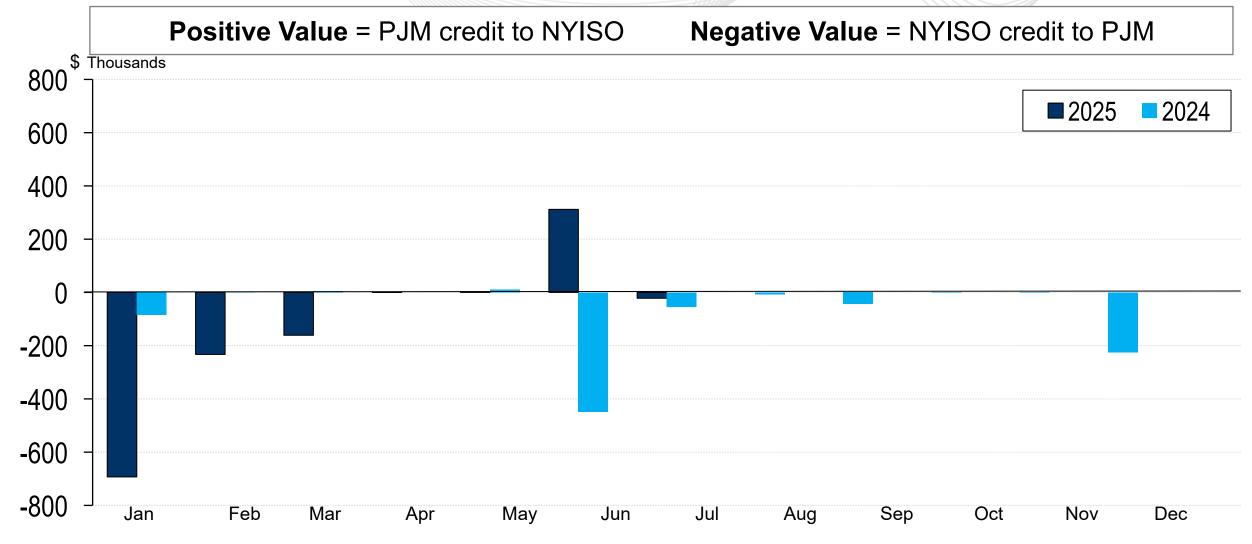


YTD MISO M2M Credit





YTD NYISO PAR Coordination Credit





PJM-TVA Emergency Energy Agreement

- PJM and TVA coordinating on Joint Emergency Energy Agreement
 - Last meeting held on June 26th with TVA
 - TVA provided comments towards expediting agreement based on system conditions across June 23rd through June 25th
 - Follow up with AEP and EKPC expected within next thirty days
 - Goal to have agreement in place no later than 12/31/2025



MISO/PJM Joint Stakeholder Meeting



Feb. 7, 2025 - Most recent Joint and Common Market meeting was held.



Sep. 12, 2025 – Next joint stakeholder meeting will be hosted by PJM via WebEx.



Meeting materials are posted approximately one week in advance on the **PJM Meeting Center**: <u>PJM – PJM/MISO Joint & Common Market Initiative</u>.





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Interregional Coordination Update



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Appendix

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CMPC requested the CMPWG to review principles and the usage of PFV as an alternative to Freeze Date.

CMPC understands the urgency of the Freeze Date solution.



Parallel Flow Visualization (PFV)

- PFV is an Eastern Interconnect agreed solution that improves the wide area view of RCs and equips them to assign relief obligations during periods of congestion that are more representative of those contributing to congestion.
- Uses Generation to Load (GTL) Flow Concept for all BAs, replacing the previous used Network and Native Load (NNL) Flow relief obligation and Market Flow construct
- GTL Priorities GTL incorporates new methods to establish transmission priority of a generator. (established under v3.3 of the NAESB WEQ-008 TLR standard)
- Specifically looking to leverage the Generator Prioritization Method and associated Generator Prioritization Schedules (GPS) to establish Firm Market Flow entitlements for use in M2M settlements vs the Freeze Date method.
- The GPS data submission to the IDC is required of the RTO/ISO (i.e. all the market entities have designated this methodology under the NAESB standard)





The IDC PFV engine already calculates real time firm and non-firm right values based on the GPS method for market entities.

Aligns entities with Industry Standard NAESB WEQ-008 version 3.3 Reduces complexity of processes by utilizing real time data.



- NYISO is installing two new phase angle regulators (PARs) at the Dover station. The new PARs will be located on the Dover – Long Mountain 398 intertie between NYISO and ISONE.
- The Dover PARs are expected in-service in October 2025.
- NYISO is adding the new Dover PARs to the NYISO-PJM Joint Operating Agreement (JOA).
- PJM studied the impact of the Dover PARs on the existing PJM PAR coordinated, and Redispatch Flowgates with NYISO. The PAR shift factors are minor, or zero on the existing coordinated Flowgates.



 The NYISO-PJM Joint Operating Agreement (JOA) is being updated to reflect the recent NYISO change.

35.23 Schedule D – Market-to-Market Coordination Process – Version 1.0

5.6 <u>Compute the PAR Effects for all Flowgates</u>

 For the PARs listed in Table 4 below, the RTOs will determine the generation-to-load flows and interchange schedules, in MWs, that each PAR is impacting.



PJM-NYISO JOA Update

Table 4. List of Phase Angle Regulators

Table 4. List of I hast High Regulators					
PAR	Description	PAR Type	Actual Schedule	Target Schedule	Responsible Participating RTO(s)
					NYISO and
1	RAMAPO PAR3500	common	From telemetry	From telemetry*	PJM
					NYISO and
2	RAMAPO PAR4500	common	From telemetry	From telemetry*	PJM
			•	•	NYISO and
3	FARRAGUT TR11	common	From telemetry	From telemetry*	PJM
					NYISO and
4	FARRAGUT TR12	common	From telemetry	From telemetry*	PJM
					NYISO and
5	GOETHSLN BK_1N	common	From telemetry	From telemetry*	PJM
					NYISO and
6	WALDWICK 02267	common	From telemetry	From telemetry*	PJM
					NYISO and
7	WALDWICK F2258	common	From telemetry	From telemetry*	PJM
					NYISO and
8	WALDWICK E2257	common	From telemetry	From telemetry*	PJM
		non-			
9	STLAWRNC PS 33	common	From telemetry	0	NYISO
		non-			
10	STLAWRNC PS_34	common	From telemetry	0	NYISO
		non-			
11	DOVER T398-A	common	From telemetry	From telemetry	NYISO
		non-			
12	DOVER T398-B	common	From telemetry	From telemetry	NYISO
*Divergent to the sules for implementing the M2M coordination process over the NV NI DAPs					

^{*}Pursuant to the rules for implementing the M2M coordination process over the NY-NJ PARs that are set forth in this M2M Schedule.