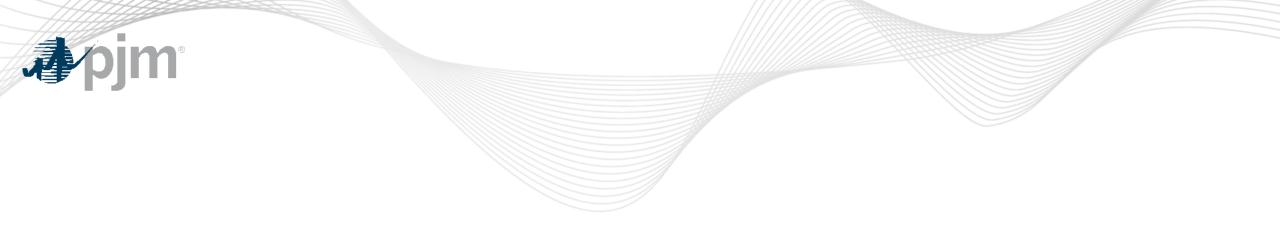


Market Efficiency Update

Market Simulation Transmission Expansion Advisory Committee January 7, 2025



2024/25 Long-Term Market Efficiency Cycle



2024/25 Market Efficiency Timeline

	YEAR 0 (2024)	YEAR 1 (2025)
	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
12-month cycle		ysis – Year 1 & 5 ! d evaluate solution options ! Final review with TEAC and approval by the PJM Board
24-month cycle	Identify proposed solutions ⊢ Identify proposed solutions ⊢ Mid-cycle update of significant assumptions – Year 0, 4, 7, 10 & 14 ⊢ Analysis of market solutions and support of benefi Independent cons	•
12-month cycle		ncy Analysis – Year 1 & 5 Identify and evaluate solution options – Final review with TEAC and approval by the PJM Board –



2024/25 ME Base Case Status

- Upgraded to PROMOD IV user interface version 11.5. (PROMOD IV Engine I).
 - Also posted associated PROMOD CFG file on Market Efficiency secure page.
- Latest 2029 and 2032 modeled years posted on Market Efficiency secure page.
 - (XML files compatible with PROMOD 11.5).



2024/25 ME Base Case Next Steps

- 2024/25 ME Base Case Next Steps.
 - Add modeled years 2035 and 2039.
 - When available, update the ME Base Case topology with selected 2024W1 solutions.
 - PV Analysis to determine the limits for the reactive interfaces.
- 2024/25 Long-Term Market Efficiency Window anticipated to open during Q1 2025.
 - Once the congestion drivers are finalized.
 - The final Market Efficiency Base Case to be posted before the start of the window.



2025 Market Efficiency Tentative Timeline

Step	Tentative Target Date
Preliminary Congestion Drivers	February 2025
Post Final Base Case and Target Congestion Drivers (after Board approval of 2024W1 solution)	March 2025
Long Term ME Proposal Window (120 Days)	March - July 2025
Analysis of Proposed Solutions	July – September 2025
TEAC Reviews and Board Approval	October - December 2025





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Revision History

• V1 – 1/2/2025 – Original slides posted

