



Market Efficiency Update

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Transmission Expansion Advisory Committee

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2022/23 Market Efficiency Cycle

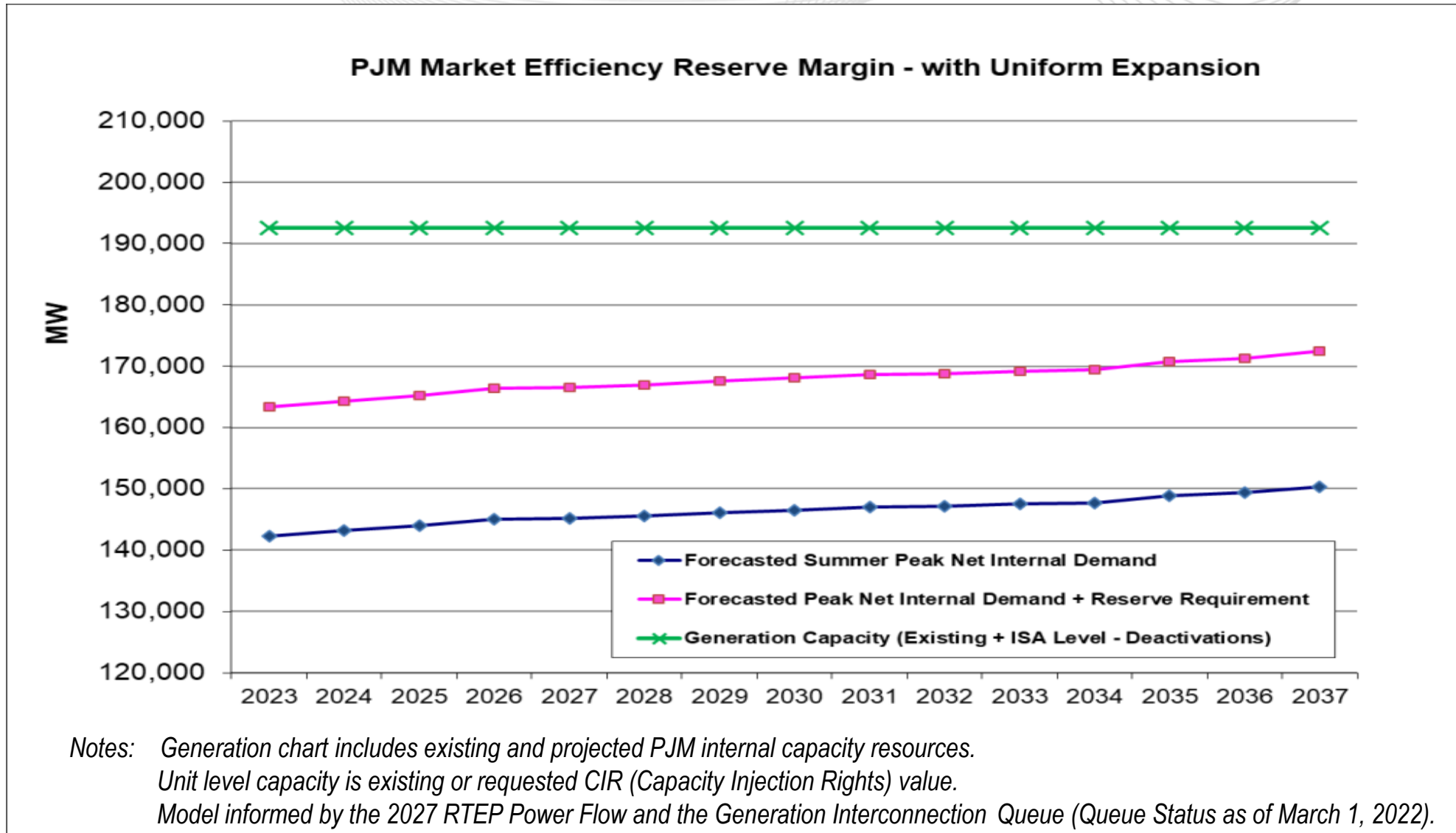


2022/23 Long-Term Window Assumptions Overview

- Study Years
 - 2023, 2027, 2030, 2033, and 2037.
- PROMOD Database
 - Spring 2022 Data Release from ABB
 - Fuel/Emissions price forecasts from ABB, May 2022 update.
 - Load forecast from PJM 2022 Load Forecast Report.
 - Topology from 2027 Summer Peak load flow case from 2022 RTEP series.
 - Generation Expansion consistent with 2027 RTEP load flow.
- Simulations performed using PROMOD IV v11.4 engine

- Market Efficiency Base Case Generation Expansion Plan includes existing and ISA (Interconnection Service Agreement) level generators*.
 - Generators with a signed ISA or an Interim ISA that are not suspended are included.
- PJM notified generator deactivations are modeled.
- PJM's Generation Expansion Plan is informed by the 2027 RTEP load flow model.

**In accordance to PJM Operating Agreement, subsection 1.5.7 (i).*



Step	Target Date
Complete Base Case Assumptions	May 2022
Post Draft Base Case	July 2022
Stakeholders Feedback	September 2022
Identify Congestion Drivers	September – November 2022
2022 Reevaluation Analysis	September – November 2022
2022 Acceleration Analysis	September – November 2022
Post Base Case and Congestion Drivers	January 2023
Open Long Term Proposal Window	January 2023

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Market Efficiency Update



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- V1 – 5/4/2022 – Original slides posted

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