Market Efficiency Update

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PJM Market Simulation

Transmission Expansion Advisory Committee

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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.

- Currently updating the ME Base Case with the solution selected for the 2022W3.

- 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 were also impacted.

- Completed production cost simulations
  - Near-Term and Future study years with AS-IS Topology.
  - Near-Term and Future study years with RTEP Topology.

- Identified reliability upgrades responsible for congestion reductions between the AS-IS and RTEP topology cases.

- Currently checking the feasibility of accelerating schedules for the identified reliability upgrades.

- Acceleration analysis results to be presented at the December TEAC.

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Market Efficiency Update

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