

DAY AHEAD SCHEDULING RESERVE CALCULATION

Issue Source

PJM

Issue Content

Since the October 1, 2022 reserve market change implementation, the PJM Market Day Ahead and real-time has used a fixed minimum 3,000 MW 30-minute reserve target. PJM Operations utilizes the legacy Day Ahead Schedule Reserve (DASR) calculation, which is a percentage established annually, to trigger Emergency Procedures (Maximum Emergency Generation Alert and NERC EEA1):

- Forecast Error (LFE) + Generator Forced Outage Rates (FOR)
- Currently 4.4%

PJM Operations continues to use the calculation for Day Ahead Scheduling Reserve (DASR,) which considers risk and uncertainty for the 30-minute reserves where the 3000 MW fixed 30-minute reserve requirement does not. PJM has identified an opportunity to bring greater transparency to the calculation for the PJM Operations Day Ahead Scheduling Reserve (DASR). Note that there is no change to the PJM Market 30-minute Reserve Requirement.

Key Work Activities and Scope

- 1 | Review the opportunity for great transparency of PJM Operations DASR calculation

Expected Deliverables

- 2 | Proposed revisions to Manual 13: Emergency Operations, Section 2.2

Decision-Making Method

Tier 1, consensus on a single proposal

Stakeholder Group Assignment

Operating Committee

Expected Duration of Work Timeline

Two Month - utilizing Quick Fix process

Start Date	Priority Level	Timing	Meeting Frequency
10/10/2024	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Near Term <input type="checkbox"/> Far Term	<input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly

Charter

<input checked="" type="checkbox"/>	This document will serve as the Charter for a new group created by its approval.
<input type="checkbox"/>	This work will be handled in an existing group with its own Charter (and applicable amendments).

More detail available in M34; Section 6