



PJM Position on Long-Term RCSTF Scope: Working Draft Technical Document

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Reserve Certainty Senior Task Force

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PJM is documenting its on-going thinking on the challenges and possible solutions to address reserve certainty in a living document posted to the RCSTF task force page:

[PJM Position on Long-Term RCSTF Scope \(PDF\)](#)

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Reserve Certainty Senior Task Force

The Reserve Certainty Senior Task Force (RCSTF) will investigate enhancements to PJM's reserve markets. Immediate-term topics to be explored include the quantity of reserves procured, how reserves are deployed, event performance and penalty structure, and alignment of offer structure with fuel procurement practices. Additionally, the group will explore long-term system needs due to an evolving generation fleet, including reserve product participation requirements and incentives for resource flexibility. The RCSTF reports to the Markets and Reliability Committee (MRC).

[View issues](#) the RCSTF is currently tracking.

Chair/Facilitator: [Lisa Morelli](#)

Secretary: [Amanda Egan](#)

During the meeting, if you are experiencing issues with connectivity or teleconference, please contact [Meeting Support](#). For registration issues, [contact PJM](#).

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	Date
Issue Charge PDF	10.3.2023
Problem Statement PDF	9.25.2023
PJM Position on Long-Term RCSTF Scope PDF	1.13.2025

Upcoming Meetings

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The technical paper will be revised, updated and added to as stakeholder discussions continue.

Initial working draft, including information on the challenges that need to be addressed, practices in other ISOs/RTOs, and PJM's current technical perspectives with illustrative examples.

To be populated and expanded in future updates to the document.

“Day-Ahead Energy Imbalance Reserve” section

Challenges to be Addressed

- Day-ahead, PJM must ensure that sufficient physical supply is available to meet forecasted demand
- If this supply is not procured through the Day-Ahead Market, PJM may need to make out-of-market commitments

Practices in Other ISOs/RTOs

- Day-ahead-only reserve products

PJM’s Preliminary Design Perspectives

- Requirement and constraint formulation
- Product definition and resource eligibility requirements
- Locational procurement and deliverability
- Performance and settlement
- Cost allocation

“Ramping and Uncertainty Reserves” section added

Challenges to be Addressed

- PJM’s uncertainty needs are not accurately reflected in existing market structures
- PJM’s current dispatch cannot preposition the system for upcoming ramping needs

Practices in Other ISOs/RTOs

- Uncertainty reserve products
- Ramping products
- Multi-interval dispatch

PJM’s Preliminary Design Perspectives

- Factors driving uncertainty
- Challenges in implementing multi-interval dispatch to address forecasted ramp
- Including ramping and uncertainty in existing PJM reserve structures
- Locational procurement and deliverability
- Performance and settlement
- Cost allocation

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A green speech bubble containing a white question mark, positioned above a blue speech bubble with horizontal lines.

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