



Indiana Utility Regulatory Commission Summer Reliability Forum

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Operations

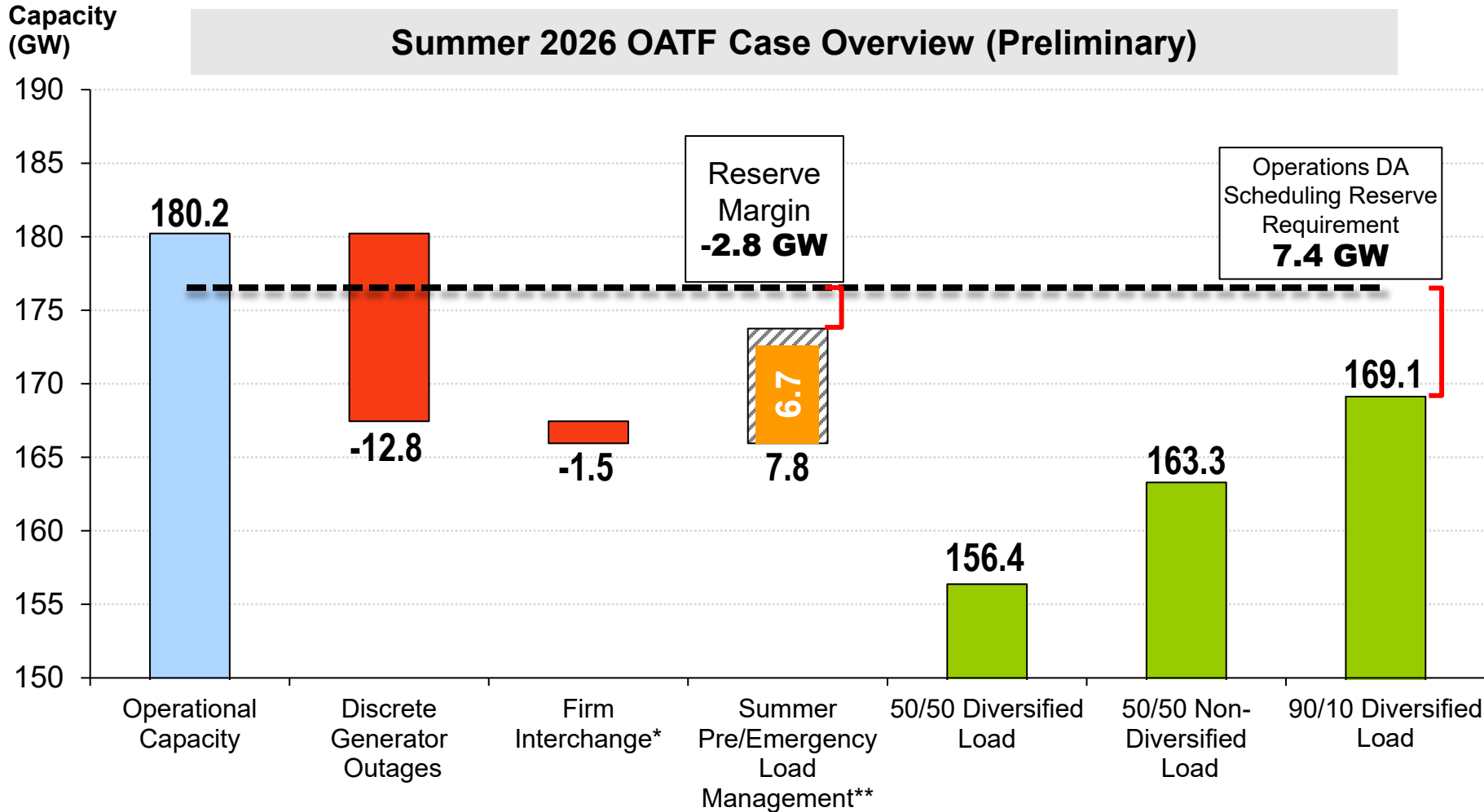
May 19, 2026

Summer Reliability 2026

Winter Storm Fern Performance

Five-Year Historical Trend

PJM Solutions



Anticipated PJM actions to reliably serve the 90/10 Forecast:

1. Schedule all Available Generation (DA).
2. Curtail all Recallable Exports (RT).
3. Implement Demand Response (**6.7 GW**) to maintain required real-time reserves.

* Firm Interchange: 1,427 MW

** 97% of Load Management is Pre-Emergency.

- Load has increased year over year due to data center and economic growth, as well as increased electrification in the PJM footprint.
- Available generation capacity has decreased due to retirements and delays in new additions to the fleet.
- Based on the load increase and generation decrease, PJM is projecting potential reserve margin shortages during peak operating periods with an increased risk that Emergency Procedures may be required to meet load and reserve requirements.
- PJM will be reliant on good generation performance from both fossil and inverter-based generation to avoid/minimize the need for Emergency Procedures.

Instantaneous Peak Load 140,049 MW – Jan. 29 at 08:05

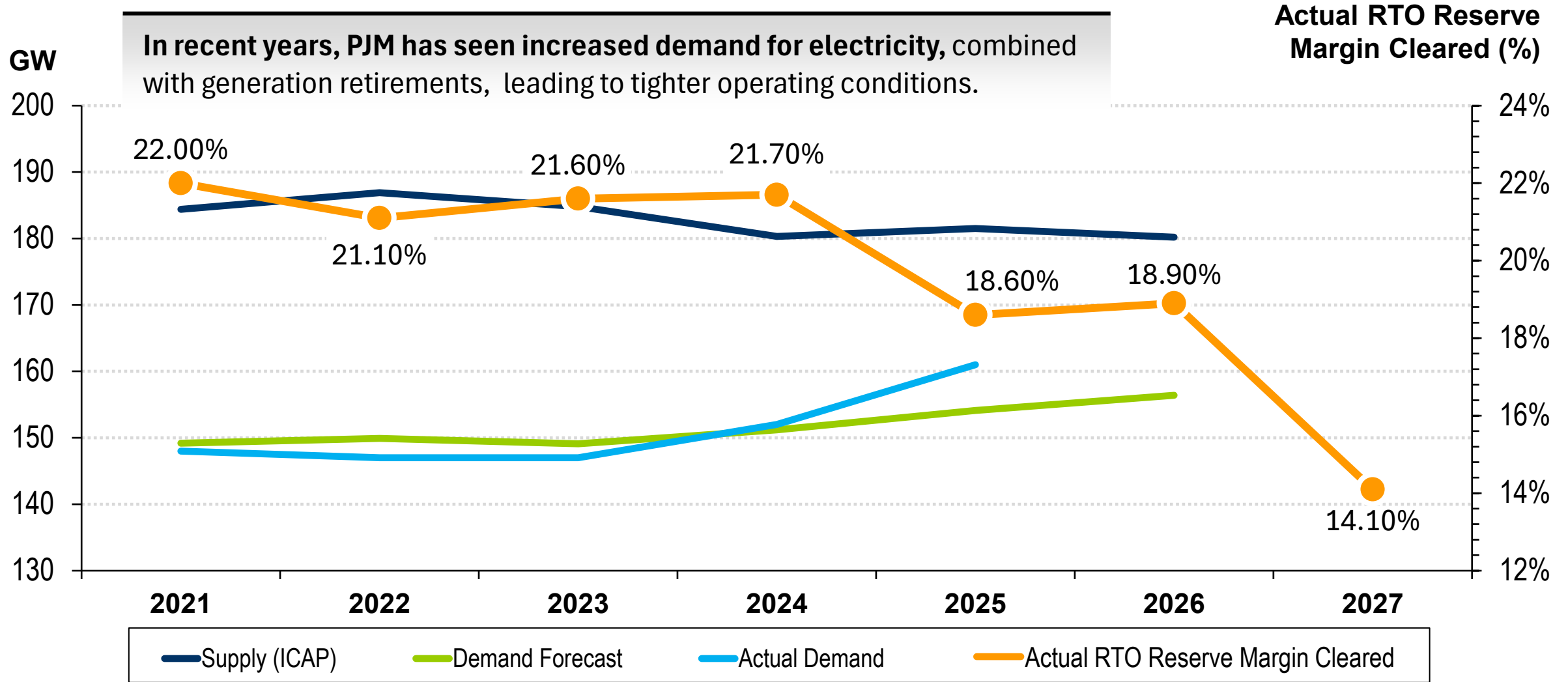
Successes

- Sufficient generation to cover reserves, serve load and exports
- Close coordination with Generation Owners to effectively manage oil fuel inventory and emissions (Emergency 202c Order No. 202-26-2) to ensure capacity was available during forecasted peaks
- Close coordination with Transmission Owners and neighbors throughout the event providing emergency sales as requested
- Minimal impact on transmission outages due to winter storm effects

Challenges

- Significant uncertainty and risk resulting from extended severe cold weather across the RTO, which impacted gas pipeline flexibility, CWOL, oil fuel inventory and emission limitations
- Gas/electric market misalignment resulting in advance commitment prior to the day ahead
- Load forecast accuracy impacted by actual temperature warmer than forecasted and extended school/government closings

PJM Resource Adequacy Continues To Tighten





Bring Your Own New Generation and Expedited Interconnection Track



Curtailment of Data Centers Not Bringing New Generation



Reliability Backstop Procurement



Significant Load Forecasting Improvements



Study on Market Incentives for New Supply



Capacity Auction Price Cap and Floor

Appendix

Sensitivity Studies	Results
External contingencies impactful to PJM reliability	No Reliability Concerns
N-1-1 Relay trip conditions	No Reliability Concerns
Max-Cred Contingency Analysis	No Reliability Concerns
90/10 Load Forecast study (169,128 MW diversified peak load forecast)	No Reliability Concerns
Gas Pipeline Study	No Reliability Concerns
Solar and Wind Generation Sensitivity Study	No Reliability Concerns
Transfer Interface Analysis	No Reliability Concerns
BGE/PEPCO Import Capability	No Reliability Concerns

Communications Timeline

Call/Meeting Type	Jan. 22	Jan. 23	Jan. 24	Jan. 25	Jan. 26	Jan. 27	Jan. 28	Jan. 29
SOS-T		Transmission Owners		Transmission Owners	Transmission Owners	Transmission Owners		Transmission Owners
SOS-T Monthly							Transmission Owners	
SOS-Joint	Transmission Owners, Generation Owners			Transmission Owners, Generation Owners				Transmission Owners, Generation Owners
SOS-Monthly							Transmission Owners, Generation Owners	
TO Communicators		TO Communications Team					TO Communications Team	

■ Transmission Owners
 ■ Generation Owners
 ■ TO Communications Team

Inside Lines – Operational Updates (General public, stakeholders, media)

Stakeholder Email – Ops. Update (All PJM Stakeholders)

Daily Ops. Updates to States (State Contacts)

Communications regarding DOE 202c (Emissions) and DOE 202c (Backup Generation)

Pre-Storm Briefing by Governmental Services

(State Utility Commissioners and staff, state emergency contacts, consumer advocates)

Email update to member, stakeholders and customers
(State Contacts)

JAN. 22 JAN. 23 JAN. 24 JAN. 25 JAN. 26 JAN. 27 JAN. 28 JAN. 29 JAN. 30



PJM's Resource Adequacy Tightens as Demand Increases

