



2026 PJM Spring RTO Restoration Drill Summary

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System Operator Subcommittee

July 1, 2026

Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

- PJM invites Transmission Owners (TO) and Generator Operators (GOP) identified in restoration plans
- Provides opportunity for members to:
 - Validate individual restoration plans
 - Identify issues
 - Comply with NERC Standards
- Learning opportunity for new Operators
- NERC CEH awarded to drill participants



- Communications Check - May 12
 - Verified inbound/outbound phone numbers
- Two-day, RTO wide Spring Restoration Drill for TO and GOP
 - Drill - May 13 & 14
- Large disturbance within PJM with footprint blacked out
- Members provided injects which were modeled into simulation



PJM Dispatchers

- Utilized Dispatch Training Simulator

Transmission Owners

- Staffed company simulators when able

System Conditions

- Utilized Generation / Transmission conditions & outages

Webex

- Review drill expectations, logistics, record progress and answer questions

- Drill Total Participants

 - Day One – 255*

 - Day Two -- 244*

- Overall Satisfaction Rating

 - 4.3 / 5*

- Continuing Education Hours (CEH)

 - Day One – 1530*

 - Day Two – 1220*

 - Refresh -- 105 (Assigned to ~ 3200)*

- Overall, good communications between all parties
- Few TO had simulator issues which complicated things
- Use of alternate cranking paths a positive
- Drill highlighted minor updates needed to some plans
- TO should use Terminal Names and line numbers on form submissions
- PJM should look for opportunities to assist TO



- Blackstart Resource Availability and Readiness in the Eastern and Western Interconnections published November 21, 2025
 - Observations from FERC, NERC and RRE staff
- Recommendations to improve extreme cold weather reliability
- **Recommendation 9:** To strengthen the effectiveness of system restoration preparatory efforts, the joint study team recommends enhancements to existing simulator-based training to focus on system restoration during extreme cold weather operations.
- Alternate Spring and Winter conditions for drill annually?
 - Same drill timeframe; just adjust conditions

<https://www.nerc.com/globalassets/our-work/reports/special-reports/blackstart-resource-availability-and-readiness-in-the-eastern-and-western-interconnections.pdf>

- Notified TO Fall drills will occur between 10.5.2026 and 11.7.2026
- Asking drills be performed at local sites
 - Regulation Market Changes
 - Network Applications Upgrade
- PJM dispatchers will travel to TO if requested
- Drill packet will have actual TO drill dates
 - Will be posted on Dispatcher Training Subcommittee (DTS) page

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2026 Spring Restoration Drill



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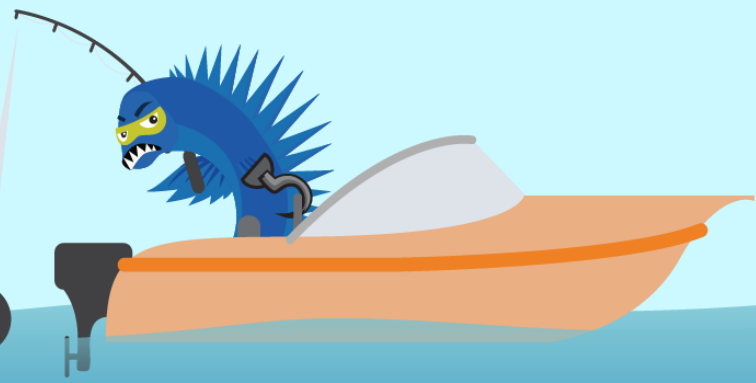
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Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com**