



TEXAS RE

February 2026 NERC Updates

ERCOT IBRWG Meeting

Mark Henry
February 16, 2026



NERC Standards Development Update for FERC Order 901

Milestone 2 – Addressing FERC directives by a new Standard project

[Project 2025-05](#) – Ride-through Revisions Standard Authorization Request (SAR) was open for comment through December 18, 2025

- Goal: final filing by August 28, 2026; first posting March 23, 2026

Milestone 3 – Sent to FERC in November 2025, under review

[Project 2020-06](#) – Verification of Models and Data for Generators

[Project 2021-01](#) – System Model Validation with IBRs

[Project 2022-02](#) – Uniform Modeling Framework for IBRs

Milestone 4 – Drafting underway

Target public posting for 45-day comments:
March 19, 2026

Technical conference (in-person):
May 19-20, Detroit

[Project 2025-03](#) – Order 901 Operational Studies

Standards: FAC-011, IRO-002, IRO-017, PRC-012, TOP-001, TOP-002

- NERC webinar on February 12

- [Slides and Recording will post here](#)

[Project 2025-04](#) – Order 901 Planning Studies
Standards: TPL-001-5.1, MOD-026, MOD-032, MOD-033, PRC-024, PRC-028, and PRC-029

- Webinar held February 9

- [Slides & Recording](#)



Other NERC Standards Activity Related to IBRs

Standard Project 2022-04 EMT Modeling

- Initial ballot October 1 – November 21 (extended) for FAC-002-5, Facility Interconnection Studies and Implementation Plan
- Did not pass first ballot, industry comments under review by drafting team

Standard Project 2023-01 EOP-004 IBR Event Reporting

- Approved in initial ballot on January 14, 2026, no final ballot needed
- [Slide Presentation](#) and [Recording](#) available from December 3 webinar



Category 2 IBR Generator Owner/Operator (GO-2/GOP-2) Update

On December 22, 2025, NERC published new Category 2 registration [Frequently Asked Questions \(FAQ\) document](#).

- Provides additional clarity on registration process, including eligibility and jurisdiction considerations, documentation expectations, timelines, and common questions



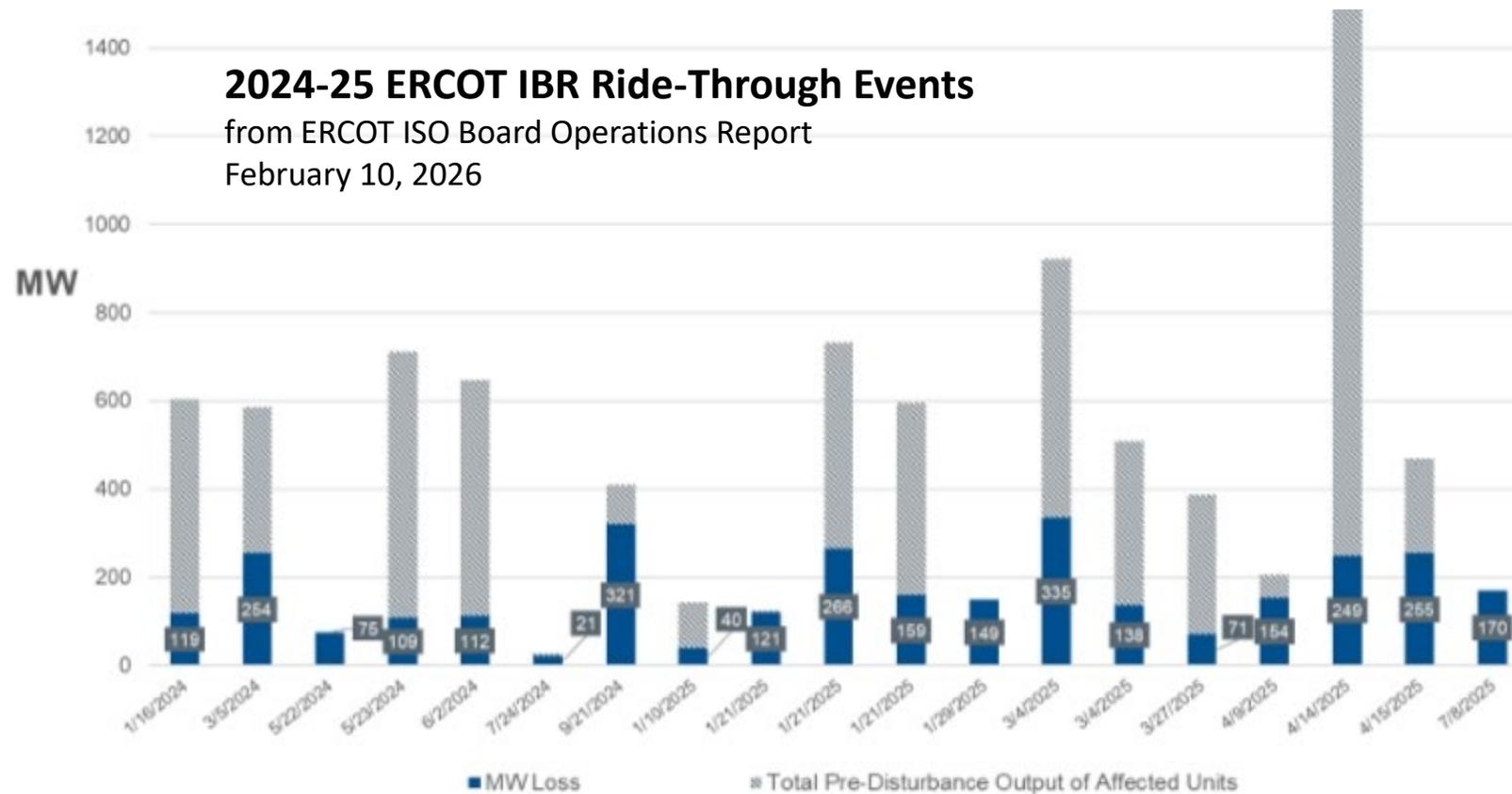
On February 11, NERC announced virtual **Small Group Advisory Sessions (SGASs)** to help entities with 2026 compliance obligations for Reliability Standards applicable to category 2 Generator Owner and Operators (GOs and GOPs)

- General session live webinar: Thursday, March 26, 2026, 2:00-4:00 p.m. Eastern – [Webinar Registration](#)
- SGAS one-on-one Sessions: Closed discussions between registered entity subject matter experts and NERC/Regional staff about compliance obligations and implementation. NERC will schedule sessions between March 30 – April 10, 2026, after receiving entity registration and coordinating with Regional Entity staff. **Register for a one-on-one session by close of business, Friday, February 27, 2026.** Details are on [pages 5-6 of bulletin](#).
- NERC seeks entity questions about Reliability Standard compliance obligations by February 27, 2026. Email to charlie.cook@nerc.net with “GO-2/GOP-2 Compliance Questions” in the subject line.



NERC Alerts and Event Reports Related to IBR Performance

- ERCOT reported 2025 IBR ride-through (R/T) events' magnitude remained under 500 MW in 2025
 - Most common cause of R/T failure was individual turbines trips with a variety of different fault codes (e.g., UPS failure, crowbar circuit failure, vibration sensors.)
 - Improper frequency measurements during fault events caused power plant controllers to inhibit proper operation of turbines and inverters
- WECC's Curtis Holland will cover 2025 [Inverter-Based Resource Disturbances in the Western Interconnection](#) at March IBRWG
- Texas RE will conduct follow-up on 2025 [Essential Actions to Industry Inverter-Based Resource Performance and Modeling](#) NERC Alert responses to gain insight into both Transmission Planner and IBR owner responses



NERC Inverter-Based Resource Performance Subcommittee (IRPS)

January 29, 2026, Meeting Highlights

- **EMTWG Work Item #10 – White Paper: Electromagnetic Transient (EMT) Modeling Methods to Evaluate IBR Plant Ride-Through Performance**
 - Withdrawal of consensus, rework scope from EMT-only to include positive sequence integration and add aggregation methodologies rather than just emphasizing disaggregated (EMT) detail
- **Work Item #24 – Reliability Guideline: IBR Commissioning Best Practices**
- **Work Item #27 – White Paper: Equipment Model Validation**
 - Some progress on validating individual IBR or plant controller models against hardware tests (specifically control hardware-in-the-loop)
 - Team is developing a quantitative validation framework – mathematical "windows" to automate validation of model results
- **Work Item #8 – Reliability Guideline: Recommended Approach to Interconnection Studies for BPS-Connected IBRs**

Conference Call Schedule 12-3 Central

January 29, 2026
February 26, 2026
March 26, 2026
April 16, 2026
May 21, 2026
June 18, 2026
July 16, 2026
August 20, 2026
September 17, 2026
October 15, 2026
November 19, 2026
December 17, 2026

[Microsoft Teams meeting](#)

Meeting ID: 298 752 206 190 36

Passcode: iu6Z2bL2



Questions?
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Ensuring electric reliability for Texans