



**TEXAS RE**



# March 2026 NERC Update

**ERCOT IBRWG Meeting**

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March 27, 2026**

# NERC Standards Development Update for FERC Order 901

## Milestone 2 – Address FERC directives by 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 pushed back to week of April 13, 2026

Texas RE staff gave an overview of approved PRC-028 and 29 implementation plans at March 26 NSRF meeting

## Milestone 3 – Approved by FERC in February 2026

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 IBR



## Milestone 4 – Drafting underway

Public posting for 45-day comments:

March 19, 2026

Technical conference (in-person) scheduled for May 19-20, in 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 & Recording](#)

Project 2025-04 Order 901 Planning Studies

Standards: TPL-001-5.1

Webinar on 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
- 78 sets of responses, approximately 174 different people and 111 companies
- Last drafting team meeting – March 23

Standard Project [2023-01 EOP-004 IBR Event Reporting](#): Approved in initial ballot, January 14, 2026, no final ballot needed

- Drafting team met last on March 2
- Final documents should post week of March 23-27 without ballot

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

Texas RE has added 32 new generators under this classification; one more still in process. Effective start date is May 15, 2026.



NERC virtual **Small Group Advisory Sessions (SGAS)** to help entities with 2026 compliance obligations for Reliability Standards applicable to GO-2s and GOP-2.

- General Session Live Webinar: Thursday, March 26, 2026, 2:00-4:00 p.m. Eastern
- 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 Monday, March 30 – Friday, April 10, 2026, after receiving entity registration and coordinating with Regional Entity staff. **Registration closed on February 27, 2026.**

# February and March 26 NERC IRPS Recap

## February 26

- Grid Forming for E-STATCOM – Sergey Kynev, Siemens Energy
- Impact of Communication Delays and Sampling Times on Stability in IBR-dominant Power Systems – Dr. Vaithianath Venkatasubramanian, Saugat Ghimire, Washington State University
- Preview draft white paper from EMTWG on uniform user interface and internal structure for IBR plant models

## March 26

- **Technical Presentations**
  - Reframing Fault Response Requirements for IBRs – Bogdan Kasztenny
  - Overload Requirements for IBRs for Grid Needs – Sai Gopal Vennelaganti
- **Work Item Updates**
  - Work Item #8 – Reliability Guideline: Recommended Approach to Interconnection Studies for BPS-Connected Inverter-Based Resources – Alex Shattuck
  - Work Item #24 – Reliability Guideline: IBR Commissioning Best Practices – Jason Baptiste
  - Work Item #27 – White Paper: Equipment Model Validation – Andy Hoke
- **EMTWG Update**



# IRPS Workplan for 2026

IEEE p2800 Monitoring and Support	IEEE P2800a, P2800.1, P2800-R1. Monitoring and Support	12/31/2027	Low	In Progress
Reliability Guideline: Recommended Approach to Interconnection Studies for BPS-Connected Inverter-Based Resources	Focused guidance on improving the study practices for BPS-connected inverter-based resources, particularly with increasing penetrations of these resources and the growing complexity of performing sufficient studies to ensure BPS reliability.	12/31/2026	High	In Progress
Tracking and Supporting NERC Standard Drafting Activities	<p>IRPS will monitor and support (as needed) NERC Standard Drafting Teams related to modifications for BPS-connected inverter-based resources. Projects currently include:</p> <ul style="list-style-type: none"> <li>· Project 2022-04 EMT Modeling</li> <li>· Project 2023-05 Modification to FAC-001 and FAC-002</li> </ul> <p>IRPS will ensure that past recommendations are addressed in NERC Standards revisions and will submit follow-on SARs if any recommendations outlined in IRPS documentation or NERC reports are not adequately addressed.</p>	12/31/2027	Low	In Progress
Reliability Guideline: BPS-Connected IBR Commissioning Best Practices	Reliability Guideline to highlight best practices for commissioning BPS-connected inverter-based resources to ensure appropriate protection and controls are configured and that models and studies match actual installed operational capabilities.	4/30/2026	High	In Progress
Tracking and Support for FERC Directives	Tracking FERC directives related to inverter-based resources and providing any support to NERC and associated activities, where applicable.	12/31/2026	Low	In Progress
White Paper: IBR Equipment Model Validation	Provide guidance on unit model validation practices, criteria and sample reports and templates for inverters and power plant controller models.	6/30/2026	High	In Progress
White Paper: Best Practices for Testing of IBR Integration	Provide state of the art practices and solutions to test and evaluate IBR design to help derisk integration of IBR projects before commissioning	12/31/2026	Medium	In Progress

## [RSTC Work Plan](#)

Questions?