



**TEXAS RE**

# **June 2026 NERC Update**

**ERCOT IBRWG**

**Mark Henry  
June 15, 2026**



# NERC Standards Development Update for FERC Order 901

## Milestone 2 – approved except for FERC directives by a new Standard project

- PRC-028-1, PRC-029-1, and PRC-030-1

Webinar [slides](#) and [recording](#) from April 30, 2026

## [Project 2025-05](#) – Ride-through Revisions PRC-029-2

- Ballot results May 18, 2026 – just short of passing
- Goal: final filing by August 28, 2026
- [ERO Enterprise Implementation Guidance](#) for R2-R4 posted

## Milestone 3 – approved by FERC in February 2026

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

- [RSAW](#) posted for MOD-026-2

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

- [RSAW](#) posted for MOD-033-3

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

- RSAWS in draft: MOD-032-2, TOP-003-8, IRO-010-6



## Milestone 4 – drafting underway

[Technical conference](#) (in-person) – May 19-20, 2026

[Webinar](#) on changes: recording and slides April 23, 2026

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

- Standards: TOP-003-9, IRO-010-7, and Balancing Contingency Event definition
- Did not achieve passing votes May 4

### [Project 2025-04](#) Order 901 Planning Studies

- Standards: TPL-001-6
- Achieved passing votes and quorum May 4

# Proposed and existing guidance for PRC-029-1



## **PRC-029-1 Inverter-Based Resource Ride-Through Design Evaluation Implementation Guidance**

PRC-029-1 Requirements R1–R3

April 27, 2026



## **PRC-029 Implementation Guidance**

Frequency and Voltage Ride-through Requirements for Inverter-based Resources  
Requirement R4

Date 10/16/2025

[ERO Enterprise Implementation Guidance](#)

## Other NERC Standards Activity Related to IBRs

Standard Project [2022-04 EMT Modeling](#): Initial ballot, October 1 – November 21, 2025, for FAC-002-5, Facility Interconnection Studies.

- Industry comments from first ballot under review by drafting team
  - 78 sets of responses, approximately 174 different people and 111 companies
- Next drafting team meetings on June 1 and 29, last meeting April 27, 2026
- Related, NERC EMTWG has [several supporting efforts](#) underway in 2026

Standard Project [2023-01 EOP-004 IBR Event Reporting](#):

- Approved in ballot, January 14, 2026, no final ballot needed
- Headed to NERC Board in June for approval
- Attachment 1 reporting threshold for IBR disturbances increased from 500 MW to 800 MW for the ERCOT Interconnection in the last ballot. The drafting team sought to align with BAL-002 reporting threshold minimums for each respective Interconnection, as defined for a [Reportable Balancing Contingency Event](#).
- NERC's Event Analysis Program's threshold remains at 500 MW – but it is up for review this year
- DC tie loss events were also removed from Attachment 1

## Category 2 GO/GOP IBR (Cat 2) Registration Initiative Finalized

- NERC notified FERC on April 29 of completion of this project, after sending registration notification letters to all identified candidates that own and operate IBR Facilities that meet Cat 2 registry criteria, effective on May 15, 2026.
- 32 generators were registered in Texas RE with capacity between 20 - 75 MVA, including a few facilities connected to the 69kV grid, roughly 800 new entities across NERC's six Regions.
- Cat 2 entities will be required to comply with, as applicable, BAL-001-TRE, IRO-010-5, MOD-032-2, PRC-012-2, PRC-017-1, TOP-003-6.1, VAR-001-5, and VAR-002-4.1. Order 901 Standards will also become applicable with
- NERC posted the March 26 [webinar recording](#) and [presentation slides](#) from the Small Group Advisory Session (SGAS) General Session Webinar. These facilitate understanding of applicable compliance obligations associated with Cat 2 registration and the eight Standards above and includes a general overview of NERC and Compliance Monitoring and Enforcement Program.
- Additional technical conferences concerning revisions to other Reliability Standards for GO/GOP applicability to Cat 2 will occur in the future, based on the list of potential [standards](#) and [functional applicability spreadsheet](#).



# May 21 NERC IRPS Recap and June 18 Preview

## May 21 Technical Presentations

- Analysis of an Oscillation Involving Multiple GFM Technologies – Shuan Dong, NLR
- Grid Forming BESS Deployment Experiences – Mohammed Nassar, Tesla

## June 18 Technical Presentations : [Join meeting](#) ID: 298 752 206 190 36 | Passcode: iu6Z2bL2

- Wyoming and South Dakota Separation and Blackout due to Voltage Collapse – Rich Bauer, NERC
- Use of Frequency Domain Analysis for IBR Positive Sequence Model Validations – Deepak Ramasubramanian, EPRI

Work Plan Item #	Task Name	Task Description	Due Date
EMTWG 12	EMT Modeling and Simulation Considerations for Large Loads	Collaboration with Load Modeling Working Group and Large Load Task Force. Documents EMT modeling needs, considerations, and state of the art practices for representing large loads (data center, crypto-mining, etc.).	12/30/2026
8	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
24	Reliability Guideline: BPS-Connected IBR Commissioning Best Practices <b>RSTC Approved public comment re-post June 11</b>	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
27	White Paper: IBR Equipment Model Validation <b>IRPS votes on June 18 to seek RSTC posting approval</b>	Provide guidance on unit model validation practices, criteria and sample reports and templates for inverters and power plant controller models.	6/30/2026

# North American Transmission Forum (NATF) Resources

The NATF IBR Interconnection Lifecycle program provides guidance for managing challenges related to connecting an IBR facility. Widespread adoption of these practices will streamline the interconnection process and ensure consistent management of the task of integrating IBR into the bulk power system.

NATF has produced two public IBR-related practice documents:

[NATF IBR Interconnection Agreements and Requirements Practice](#)

[NATF IBR Interconnection Requests and Studies Practice](#)



Questions?