



TEXAS RE

April 2026 NERC Update

ERCOT IBRWG

**Mark Henry
April 27, 2026**





Milestone 2 – addressing FERC directives by a new Standard project

[Webinar](#) April 30, 12:00 to 2:00 p.m. Central

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

- Goal: final filing by August 28, 2026
- Posted for ballot and comments April 16 - May 18, 2026

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 and balloting: March 19 – May 4, 2026

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

[Webinar](#) April 23, 2026, 12:00 to 1:00 p.m. Central

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

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

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

- Standards: TPL-001-5.1



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 meeting April 27, 2026

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, 2026
- Headed to June NERC Board for approval

Texas RE has added 32 new generators under the new Category 2 IBR GO/GOP classification, effective May 15, 2026. NERC published a [list of applicable Standards](#) and updated the [functional applicability spreadsheet](#) with GO-2/GOP-2 status.





New Items

EMTWG White Paper Discussion: Uniform User Interface and Internal Structure for IBR Plant Models – Ali Yazdanpanah

Multi-MW Hardware Testing of Data Center UPS for Evaluating Grid-Side and Load-Side Performance Using Grid Simulators – Shahil Shah, Mike Simpson, Ricardo De Azevedo

High Priority Work Item Updates:

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 *Will Collaborate with NATF on this work plan item	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	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	Provide guidance on unit model validation practices, criteria and sample reports and templates for inverters and power plant controller models.	6/30/2026

Questions?