



**TEXAS RE**

# **September 2025 Update on NERC IBR- Related Activities**

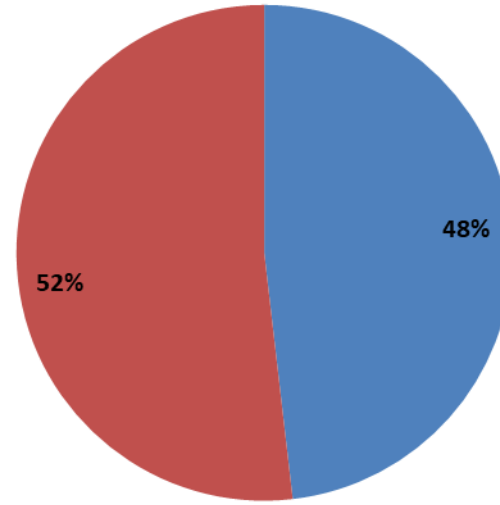
**ERCOT IBRWG Meeting  
Mark Henry  
Sept. 12, 2025**



# NERC issued Level 3 Alert: GO Question Results

NERC issued a Level 3 Alert: Essential Actions for Inverter-Based Resource (IBR) Performance and Modeling

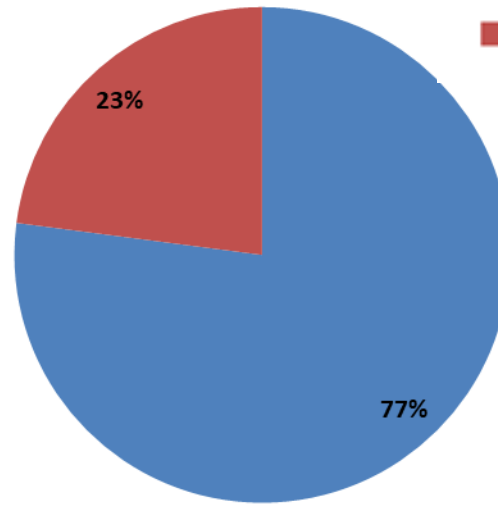
- Initial Distribution: **May 20, 2025**
- Reporting Required by Midnight Eastern on **August 18, 2025**



**Question 11:** Do you have internal processes to accurately confirm the actual dynamic performance of the plant following events on the system compared to the IBR model?

■ A. Yes

■ B. No



**Question 12:** Do you have internal processes to update and inform applicable transmission entities when changes are made to the IBR that can alter the IBR's performance?



# NERC Standards Development Update for FERC Order 901

**Milestone 2** – NERC has a [Webex on November 5](#) to discuss FERC Order 909 approving PRC-029, effective October 01, 2026, see [Docket RM25-3-000](#). (PRC-028-1, PRC-030-1 approved earlier have implementation details tied to PRC-029 approval.)

**Milestone 3** – Comments and ballots received September 10, 2025. All but MOD-026 reached approval.

Project 2020-06 - Verification of Models and Data for Generators

- Model Validation and Model Verification Definitions passed Final Ballot in July.

- MOD-026 Verification of Dynamic Models & Data.

Project 2021-01 – System Model Validation with IBRs.

- MOD-033-3 Steady-State and Dynamic System Model Validation

Project 2022-02 - Uniform Modeling Framework for IBR.

- MOD-032-2 – Data for Power System Modeling and Analysis
- IRO-010-6 – Reliability Coordinator Data & Information Specification & Collection
- TOP-003-8 – Trans. Oper and Bal. Auth. Data & Information Specification & Collection Implementation



**Milestone 4** – Posting SARS posted for comments August 28-October 10, drafting team nominations open until Sept. 15:

- Project 2025-03 Operational Studies
- Project 2025-04 901 Planning Studies





## Other NERC Activity Related to IBRs

Standard Project [2022-04 EMT Modeling](#). Formal comment period and initial ballot, target posting deferred to October 1 – November 11 for FAC-002-5, Facility Interconnection Studies.

[Project 2023-01 EOP-004 IBR Event Reporting](#) has scheduled drafting team meetings in October and plans to conduct a formal ballot and comment before end of 2025.

Texas RE is processing the first Category 2 GO-IBR and GOP-IBR registrations. Entities are being contacted. [Talk with Texas RE: IBR Registration and Applicable Standards](#), Tuesday, October 14, 1:30-2:30 pm.



# NERC IRPS August 18<sup>th</sup> Meeting Topics

- **Reliability Guideline: IBR Commissioning Best Practices – Request to RSTC to post for 45-day Industry comment period – Jason Baptiste / Aung Thant (Approved for public posting September 10)**
- **Technical Presentations**
  - 23-Hz oscillations in ERCOT due to large loads – Prof. Lingling Fan
  - Framework to assess system risks with change/increase in IBR mix – Deepak Ramasubramanian, Lenna Lederman and Andreas Klaube
  - MISO Inverter-Based Resource (IBR) Modeling Requirements – Tari Jung
- **Work Item Updates (Action: Update)**
  - Reliability Guideline: Recommended Approach to Interconnection Studies for BPS-Connected Inverter-Based Resources
  - White Paper: Equipment Model Validation
- **Update on NERC Order No. 901 Work Plan Activities**
- **Open Discussion on potential work item for exploring the need for and recommendation of uniform IBR setting file (e.g., XYZ.IBR file)**
- **Update on EMTWG**

**NEXT MEETING September 18, 12:00 Central ([Webex](#))**

Meeting ID: 263 758 791 999 Passcode: U8GV6yJ2



Questions?  
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