

Reliability Compliance Update

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September 2025

STANDARD:
MOD-026-2

Project 2020-06 Verification of Models and Data for Generators

PROJECT BACKGROUND:

Background

As a Milestone 3 project, Project 2020-06 addresses the FERC directives in Order No. 901 to develop new or modified Reliability Standards for modeling verification and modeling validation for registered inverter-based resources (IBR), unregistered and aggregated IBR, and aggregated distributed energy resources. Additionally, Project 2020-06 proposes definitions for Model Verification and Model Validation to address the need for a uniform understanding of these terms. The MOD-026-2 standard and definitions must be filed with FERC by November 4, 2025, in accordance with Order No. 901.

[Comment Form](#)

Action

End Date

**Additional
Ballots and
Non-binding
Polls**

**8/28/25
-9/10/25**

Comments

9/10/2025

STANDARDS:
MOD-032-2
IRO-010-6
TOP-003-8

Project 2022-02 Uniform Modeling Framework for IBR

PROJECT BACKGROUND:

Project 2022-02 Uniform Modeling Framework for IBR will address 24 regulatory directives from FERC Order No. 901 – Milestone 3, Phase one. Specifically, modeling and data sharing requirements to establish sufficient IBR model data and parameters to assure accurate representation of IBR performance within the models. This project is intended to establish new or revised Reliability Standards to ensure the usage of a uniform framework for data sharing and model development. This uniform framework is to ensure the directives of Order No. 901 can be effectively met to ensure usage of generic model types for IBR in the Interconnection-wide models.

[Comment Form](#)

Action

End Date

**Additional
Ballots and
Non-binding
Polls**

**8/28/25-
9/10/25**

Comments

9/10/25

STANDARD:
MOD-033-3

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

PROJECT BACKGROUND:

Background

The Federal Energy Regulatory Commission (FERC) issued Order No. 901 on October 19, 2023, which includes directives on new or modified NERC Reliability Standard projects. Order No. 901 addresses a wide spectrum of reliability risks to the grid from the application of inverter-based resources (IBR), including both utility scale and behind-the-meter or distributed energy resources. Within the Order, are four milestones that include sets of directives to NERC. NERC developed a [directive mapping document](#) as part of its [workplan](#) to address all aspects of Order No. 901. The [Milestone 3](#) projects will address deficiencies within the current state of model quality. Project 2021-01 addresses Model Validation of both steady-state and dynamic system models against actual system behavior.

[Comment Form](#)

Action

End Date

**Additional
Ballots and
Non-binding
Polls**

**8/28/25-
9/10/25**

Comment

9/10/25

STANDARD: MULTIPLE	Project 2025-03 Order No. 901 Operational Studies SAR		
PROJECT BACKGROUND:		Action	End Date
Background This project will address FERC Order No. 901 directives related to the inclusion of IBR performance and behavior in operational assessments and real-time monitoring of individual IBR plants (i.e., individual IBR) as well as IBR plants in the aggregate across an operator's footprint (i.e., IBR in the aggregate). Further, the drafting team will address the similar FERC Order No. 901 directives to include aggregate DERs in operational assessments and real-time monitoring.		Drafting Team Nominations	9/15/25
Unofficial Comment Form (Word) Unofficial Nomination Form (Word)		Comment	10/1/25



Webinar - Preparation for Cold Weather

September 4, 2025 | 1:00 – 4:00 p.m. Eastern

[Webinar Registration](#)

The North American Electric Reliability Corporation (NERC) will conduct a webinar on September 4, 2025 at 1:00 p.m. Eastern to provide the industry information and material for use in entity cold weather preparedness. The webinar will feature presentations from the following: RF, ISO-NE, MISO, MRO, Duke Energy, and NERC Staff. Below is the current selection of various cold weather preparedness reference documents:

[NERC Resources on Cold Weather](#)

[Review of January 2025 Artic Storms](#)

[Review of January 2024 Artic Storms](#)

Industry Workshop

3rd Annual BES Protection System Misoperation Reduction Workshop

October 7-8, 2025 | 8:00 a.m. – 5:00 p.m. Central

MRO Office

380 St. Peter Street, Suite 800

St. Paul, MN 55102

[Workshop Registration](#)

[Agenda](#) | [Workshop Presentations](#)

Space is limited so be sure to register early!

ReliabilityFirst (RF)

➤ Technical Talks with RF

- September 8-10, 2025 Fall Reliability & Security Summit
- October 13, 2025 2:00 p.m. – 3:30 p.m.
- November 17, 2025 2:00 p.m. – 3:30 p.m.
- December 15, 2025 2:00 p.m. – 3:30 p.m.

<https://www.rfirst.org/events/list/>

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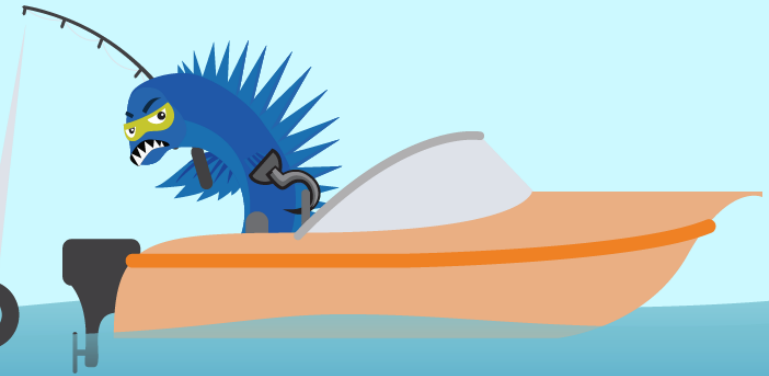
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