

Reliability Compliance Update

Gizella Mali

Lead Analyst, FERC & Reliability Compliance

September 2025

STANDARD:
MULTIPLE

Project 2025-03 Order No. 901 Operational Studies SAR

PROJECT BACKGROUND:

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.

[Unofficial Comment Form \(Word\)](#)

[Unofficial Nomination Form \(Word\)](#)

Action

End Date

**Drafting Team
Nominations**

9/15/25

Comment

10/1/25

STANDARD:
MULTIPLE

Project 2025-04 Order No. 901 Planning Studies SAR

PROJECT BACKGROUND:

Background

FERC Order No. 901 addresses a wide spectrum of reliability risks to the grid from the application of Inverter-Based Resources (IBRs), including both utility scale and behind-the-meter or distributed energy resources (DERs).

The drafting team will address FERC Order No. 901 directives related to planning studies and ensure that impact of IBRs on bulk power system reliability is adequately captured. The Drafting Team may revise the Transmission System Planning Performance Requirements (TPL-001-5.1) standard or create a new standard to incorporate additional considerations for planning studies stemming from including the registered and unregistered IBRs individually and in the aggregate, as well as aggregate DERs in the system model.

[Unofficial Comment Form \(Word\)](#)

[Unofficial Nomination Form \(Word\)](#)

Action

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Nominations**

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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!

2025 Electromagnetic Transient Simulation Workshop

Electromagnetic Transient Modeling Task Force (EMTTF) | Hosted
by Oak Ridge National Laboratory

Dates: October 7-9, 2025 | 8:00 a.m. – 5:00 p.m.

Location: Bridgewater Place, 205 Bridgewater Rd, Knoxville, TN 37923

Registration Link: [2025 Electromagnetic Transient Simulation Workshop](#)

Content: Working group meetings, panel discussions, keynotes, and tutorials

ReliabilityFirst (RF)

➤ Technical Talks with RF

➤ 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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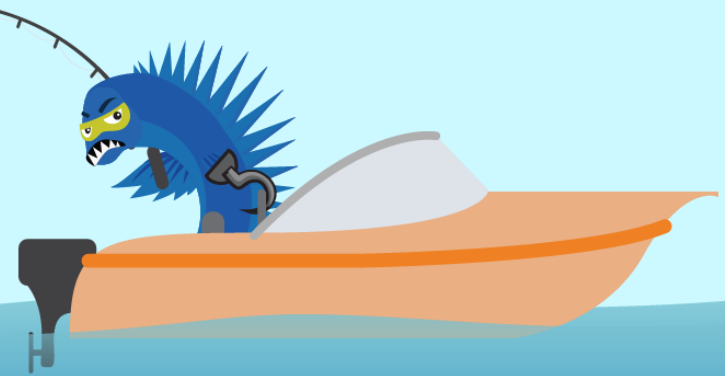
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