

Reliability Compliance Update

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December, 2025

STANDARD:
TPL-001-5.1

Project 2024-02 Planning Energy Assurance

PROJECT BACKGROUND:

Background

This project will enhance reliability by requiring industry to perform energy reliability assessments for the planning (>one year) time horizon to evaluate energy assurance and when predefined criteria are not met, develop Corrective Action Plan(s), Operating Plans, or other mitigating actions to address identified risks. Energy reliability assessments evaluate energy assurance across the Long-Term Transmission Planning by analyzing the expected resource mix availability (flexibility) and the expected availability of fuel during the study period.

[Comments](#)

Action

End Date

**Initial Ballots
and Non-
Binding Poll**

**12/1/25-
12/10/25**

Comments

12/10/25

STANDARD:
PRC-029-1

Project 2025-05 Ride-Through Revisions Standard Authorization Request (SAR)

PROJECT BACKGROUND:

Background

This proposed SAR will address comments submitted during the development and filing of PRC-029-1, as well as FERC Order No. 909. The proposed SAR will increase the reliability benefits of PRC-029-1 by properly rebalancing the competing goals of maximizing performance while avoiding premature retirements or retrofits. To maintain grid reliability and resilience, generators must Ride-through voltage and frequency disturbances. As Inverter-Based Resources' (IBRs') share of the generation mix continues to grow, it is essential that they provide this service. At the same time, it is important to recognize that providing limited exemptions to "long-lead time" projects will not significantly increase the number of exemptions for IBRs beyond what is expected from legacy IBRs. It is also important to recognize that these projects represent the most advanced capability currently available for IBRs, and their exemptions will largely be limited to the extremes of the Ride-through curves contained in PRC-029-01.

[Comment Form](#)

Action

End Date

**Drafting
Team
Nomination
Period
Extended**

12/12/25

Comments

12/18/25

STANDARD:
EOP-004-5

Project 2023-01 EOP-004 IBR Event Reporting

PROJECT BACKGROUND:

Background

The proposed project will address the issue that reporting of generation loss events, per the current EOP-004, uses relatively large size thresholds more suitable for synchronous generation; however, NERC and the Regional Entities have analyzed multiple widespread solar PV loss events (some also involving other generation losses as well) across a large number of resources that did not meet the EOP-004 criteria, yet have highlighted systemic reliability risks posed by IBRs that should be reported by applicable entities. This project will modify the existing generation loss criteria so it is more suitable and appropriate for reporting IBR events and so it aligns with past large-scale disturbances analyzed by the ERO. The EOP-004 standard should be aligned with this process from a reporting size criteria perspective. Improved reporting will enable quicker response to widespread IBR loss events and ultimately lead to improved performance of the generation fleet through more detailed analysis and coordination with affected entities, where applicable.

[Comment Form](#)

Action

End Date

**Additional
Ballots and
Non-Binding
Poll**

1/5/26-1/14/26

Comments

1/14/26

Recommendation to Industry

Large Load Interconnection, Study, Commissioning, and Operations

Reporting required by January 28, 2026

NERC issued a Level 2 Alert Recommendation to Industry, *Large Load Interconnection, Study, Commissioning, and Operations*, to Distribution Providers (DP), Transmission Owners (TO), Transmission Planners (TP), Planning Coordinators (PC), Reliability Coordinators (RC), Resource Planners (RP), Transmission Operators (TOP), and Balancing Authorities (BA). The alert includes five primary recommendations regarding TO interconnection requirements, TP and PC interconnection and system-wide studies, TO load commissioning, TO operating protocols, and long-term forecasting for TPs, RPs, and PCs.

NERC registered entities should note that only entities registered as the above-mentioned functional groups will be able to view and respond to the alert in the NERC Alert System. However, the alert is public and may be viewed at the link below.

Click here for [Level 2 Alert Large Loads](#)

Draft Power System Oscillation Monitoring and Mitigation

By: November 20, 2025– January 8, 2026

Draft Power System Oscillation Monitoring and Mitigation **Comment Matrix**

Comments must be submitted via email using the comment matrix

Preliminary Reliability Guideline:

Risk Mitigation for Emerging Large Loads

By: December 19, 2026

[Preliminary Reliability Guideline: Risk Mitigation for Emerging Large Loads](#)

[Comment Matrix Spreadsheet](#)

Comments must be submitted via email using the comment matrix

ReliabilityFirst (RF)

➤ Technical Talks with RF

- December 15, 2025
- January 12, 2026
- March 16, 2026
- April 20, 2026
- May 18, 2026

2:00 p.m. – 3:30 p.m.

2:00 p.m. – 3:30 p.m.

2:00 p.m. – 3:30 p.m.

2:00 p.m. – 3:30 p.m.

2:00 p.m. – 3:30 p.m.

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

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Member Hotline

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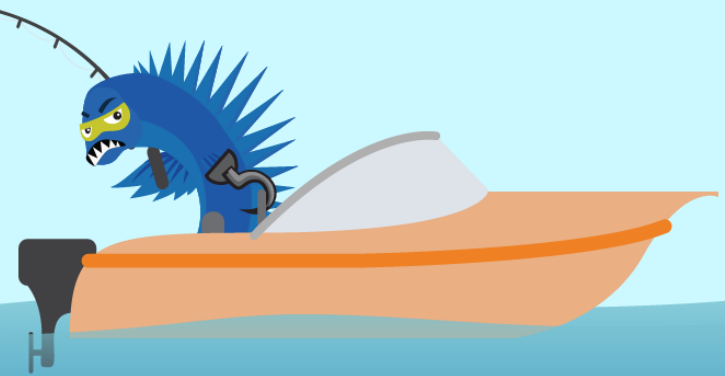
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