



Reliability Compliance Update

Becky Davis
July 2023
NERC Compliance

STANDARDS:
PRC-005

Project 2019-04 Modifications to PRC-005-6

PROJECT BACKGROUND:

Clarification that BES protective functions enabled within analog/digital AVRs, excitation systems, and BES protective functions enabled within control systems that respond to measured electrical quantities and trip BES Elements either directly or indirectly or via lockout or auxiliary tripping relays.

Updated associated maintenance tables;

Included new dc supplies for Protection System and UFLS-only Distribution Providers; updated the Supplementary Reference and FAQ to align with revisions;

Modified the definition of Protection System.

[Comment Form](#)

Action

End Date

Join Ballot Pool

06/23/23

**Comments
&
Balloting**

~~07/10/23~~
07/24/23

STANDARDS:
TPL-001
MOD-032

Project 2022-02 Modifications to TPL-001 and MOD-032

PROJECT BACKGROUND:

Project 2022-02 addresses multiple Standard Authorization Requests (SARs) related to transmission planning and modeling data and analysis. The Project 2022-02 Standard Drafting Team decided to break this project into two phases since there are two Reliability Standards involved and the project scopes are quite different. Phase one addresses MOD-032-1 in data collection and phase two will address TPL-001-5.1 in the accuracy of transmission system planning assessments. This posting affects phase one of this project only (MOD-032). TPL-001 will be addressed during phase two of this project.

[Comment Form](#)

Action

End Date

Join Ballot Pool

06/29/23

**Comments
&
Balloting**

07/14/23

**STANDARDS:
EOP-012**

[Project 2021-07](#) Extreme Cold Weather Grid Operations, Preparedness, and Coordination

PROJECT BACKGROUND:

The scope of the proposed project is to address the ten recommendations for new or enhanced NERC Reliability Standards proposed by the [Joint Inquiry Report](#).

On February 16, 2023, the Commission issued an order approving proposed Reliability Standards EOP-011-3 and EOP-012-1. The order directed changes in five areas of the standard. Reliability Standard EOP-012-2 was revised to address Recommendations 1a, 1b, and 1c as well as the Federal Energy Regulatory Commission (“FERC”) directives in the February 2023 order approving the Phase 1 standards EOP-011-3 and EOP-012-2. [Order](#).

[Comment Form](#)

Action

End Date

Join Ballot Pool

07/05/23

**Comments
&
Balloting**

07/20/23

STANDARDS:
MOD-026

Project 2020-06 Verifications of Models and Data for Generators

PROJECT BACKGROUND:

Reliability Standard MOD-026-2 will replace MOD-026-1 and MOD-027-1. MOD-026-2 includes requirements for verifying dynamic models, which are used in planning studies to ensure BES reliability. The new version of MOD-026-2 adds a requirement for Applicable Entities to provide verified electromagnetic transient (EMT) models and adds clarifications for inverter based resource Facilities.

[Comment Form](#)

Action

End Date

**Comments
&
Balloting**

07/21/23

STANDARDS:
EOP-004
EOP-005

Comment Period Open for EOP-004 and EOP-005 Draft Standard Authorization Requests (SARs)

SAR BACKGROUND:

The System Planning Impacts from DER Working group (SPIDERWG) have posted the draft standard authorization requests (SARs) for EOP-004 and EOP-005 for a public industry comment period concurrent with their request to seek feedback from Reliability and Security Technical Committee (RSTC) members.

Objective is to include Distributed Energy Resources (DERs)

Email using the comment matrixes below:

[SAR EOP-004 - Comment Matrix](#)

[SAR EOP-005 - Comment Matrix](#)

Additional information included in Appendix

Action

End Date

Comments

07/15/23

Transmission System Planning Performance Requirements for Extreme Weather

- Directs NERC to submit a new or modified Reliability Standard
 - Modifications to TPL-001-5.1
- Addresses concerns pertaining to transmission system planning for extreme heat and cold weather events that impact the BPS
- NERC to submit a new or modified Reliability Standard within eighteen (18) months of the date of the final rule’s publication in the Federal Register

Comment Period Open for Grid Forming Functional Specifications for BPS Connected Battery Energy Storage Systems [Draft White Paper](#):

- Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems
- [Comment Form](#)
- Comments due July 21, 2023

➤ Reliability*First* (RF)

➤ Technical Talks with RF

➤ July 17, 2023 2:00 p.m. – 3:30 p.m.

➤ August 14, 2023 2:00 p.m. – 3:30 p.m.

➤ RF Protection System Workshop

➤ August 2, 2023 1:00 p.m. – 5:00 p.m.

➤ RF Human Performance Workshop

➤ August 3, 2023 8:00 a.m. – 12:00 p.m.

➤ RF 2023 Fall Workshop

➤ September 26th & 27th

Additional information
included in Appendix

Essential Actions to Industry Cold Weather Preparations for Extreme Weather Events - [Link](#)

- Issued May 15, 2023
- Requires GO to provide cold weather data to its RC, BA, and TOP
 - Refer to Essential Actions #7 and #8 in NERC Alert
 - PJM is the NERC Registered RC and BA for its footprint; and TOP for its footprint, except for facilities at or below 138kV that are owned and operated by American Electric Power (AEP), and the U.S. Department of Energy facility at Portsmouth (OH)
- Reporting for NERC Registered Entities required by midnight Eastern on October 6, 2023

- PJM collecting information through an eDART Data Request
 - Issued to all eDART units – only NERC Registered Entities must complete
 - GOs will be required to upload the responses provided to NERC
 - GOs will also be required to answer some PJM-specific questions
 - Data Request will be open from August 1 through October 16

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APPENDIX

- RF Protection System Workshop
 - August 2, 2023 1:00 p.m. – 5:00 p.m. [Register](#)
 - [2023-08-02 Protection System Workshop Agenda](#)
- RF Human Performance Workshop [Register](#)
 - August 3, 2023 8:00 a.m. – 12:00 p.m.
 - [2023-08-03 Human Performance Workshop Agenda](#)
- RF 2023 Fall Workshop
 - September 26th [Register](#) & 27th
 - [2023 Fall Workshop Agenda](#)

- SAR EOP-004 Reporting of Aggregate loss of DER during Grid Disturbances:
https://www.nerc.com/comm/RSTC_Reliability_Guidelines/SAR_EOP-004_NERC_SPIDERWG.pdf
- SAR EOP-005 Inclusion of DER in Blackstart Plans:
https://www.nerc.com/comm/RSTC_Reliability_Guidelines/SAR_EOP-005_NERC_SPIDERWG.pdf
- [SAR EOP-004 Comment Matrix](#)
- [SAR EOP-005 Comment Matrix](#)

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POWER GRID
THINK BEFORE
YOU CLICK!**



Be alert to
malicious
phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com

