



Reliability Compliance Update

Becky Davis
June 2023
NERC Compliance

STANDARDS:
MOD-025
PRC-019

[Project 2021-01](#) Modifications to MOD-025 and PRC-019

PROJECT BACKGROUND:

Second draft of MOD-025 and PRC-019 revisions; and Implementation Plan.

Project (for MOD-025) was requested by the Power Plant Modeling and Verification Task Force to address issues regarding verification and data reporting of generator active and reactive power capability. Testing activities to be retained with the focus of a more effective means of collecting useful data for planning models.

Project (for PRC-019) was requested by the System Protection and Control Subcommittee to address a number of issues identified and revisions to be inclusive of all types of generation resources.

[Comment Form](#)

Action

End Date

**Comments
&
Balloting**

06/08/23

STANDARDS:
IRO-010
TOP-003

[Project 2021-06](#) Modifications to IRO-010 and TOP-003

PROJECT BACKGROUND:

Second draft of IRO-010 and TOP-003 revisions; and Implementation Plan.

Primary purpose of this Project is to effectively manage the administrative items and limit unnecessary data requirements that do not contribute to BES reliability and resiliency.

Secondary purpose of this Project is to evaluate removing other data exchange requirements dispersed in other standards. The Standard Drafting Team provided a [White Paper](#) in meeting this review.

[Comment Form](#)

Action

End Date

**Comments
&
Balloting**

06/20/23

STANDARDS:
VAR-002

Project 2021-02 Modifications to VAR-002-4.1

PROJECT BACKGROUND:

Second draft of VAR-002 revisions; and Implementation Plan

To clarify VAR-002-4.1, Requirement R3, in regards to whether the GOP of a dispersed power resource must notify its associated TOP upon a status change of a voltage controlling device on an individual generating unit; for example, if a single inverter goes offline in a solar photo-voltaic (PV) Facility.

[Project 2016-EPR-02](#) Enhanced Periodic Review of Voltage and Reactive Standards” recommendations (Attachment 5) should be considered within the “Project 2021-02 Modifications to VAR-002-4.1 SAR. Recommendations provide a review of VAR-002 Requirements R1-R6 for consideration of IBR Voltage/VAR control and operation.

[Comment Form](#)

Action

End Date

**Comments
&
Balloting**

06/23/23

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 table; included new dc supplies for Protection System and UFLS-only Distribution Providers; updated the Supplementary Reference and FAQ to align with revisions; and modified the definition of Protection System.

[Comment Form](#)

Action

End Date

Join Ballot Pool

06/23/23

**Comments
&
Balloting**

07/10/23

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

NERC issued a Level 3 Extreme Cold Weather Alert to:

- Balancing Authorities
- Generator Owners
- Transmission Operators

The alert includes eight Essential Actions and a series of questions.

- Responses due October 6, 2023
- NERC Alert public posting [link](#)
 - [Webinar Presentation](#)
 - [Data Submission Worksheets](#)
 - [FAQ](#)

Industry Webinar Series – Inverter-Based Resources (IBR)

- Join NERC for an 11-part webinar series discussing bulk power system (BPS)-connected IBR's and NERC's risk mitigation strategy in this area. The series will provide a complete overview of IBRs – from a fundamental understanding of IBR technology to tackling the more complex and emerging risk issues. Each webinar will include panelist presentations followed by questions and answers, with topics including:
 - IBR performance issues, NERC disturbance analysis process and findings
 - The interconnection process and establishing and enhancing interconnection requirements
 - Modeling IBRs – model requirements, unit and facility model creation process, model benchmarking, and electromagnetic transient modeling
 - IBR commissioning processes and lessons learned
 - NERC IBR registration, Reliability Standards enhancements, and IBR Risk Mitigation Strategy

Webinars are being held throughout June and July 2023 – the [Webinar Flyer](#) contains details and registration information

➤ Reliability*First* (RF)

➤ Technical Talks with RF

- June 12, 2023 2:00 p.m. – 3:30 p.m.
- July 17, 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.

[Flyer](#) *2023 RF Protection and Human Performance Workshop*

SME/Presenter:
Elizabeth (Becky) Davis
Elizabeth.Davis@pjm.com
Regional_compliance@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

APPENDIX

- Webinar Resources posted:
 - Project 2021-01 Modifications to MOD-025 and PRC-019
 - [Slide Presentation](#)
 - [Recording](#)
 - Project 2021-06 Modifications to IRO-010 and TOP-003
 - [Slide Presentation](#)
 - [Streaming Webinar](#)
 - ERO Enterprise Facility Ratings Management
 - [Presentation](#) and [Streaming Webinar](#)

**PROTECT THE
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

