



Reliability Compliance Update

Becky Davis
March 2023
NERC Compliance

Standards	Project	Action	End Date
<p>PRC-004</p>	<p>Project 2023-02 Performance of IBRs – Standard Authorization Request (SAR)</p> <p>Background: This project addresses the reliability-related need and benefit by requiring analysis and mitigation of unexpected or unwarranted protection and control operations from inverter-based resources following the identification of such a performance issue.</p> <p>These changes will prompt analysis of IBR loss events following grid disturbances to ensure that facilities are operating in a reliable manner and providing essential reliability services. Mitigating actions will reduce unnecessary IBR tripping or controls issues that result in widespread reduction of power output from these facilities, and will also reduce the possibility of systemic performance issues in the future.</p> <ul style="list-style-type: none"> ▪ Modifications to PRC-004 (or a new standard) – focus on IBRs to ensure that any unexpected ceasing of current injection (partial or full) is analyzed by the applicable Generator Owner and mitigated to the extent possible 	<p>SAR Comments & Drafting Team Nominations</p>	<p>03/23/23</p>

Standards	Project	Action	End Date
<p>EOP-011 TOP-002</p>	<p><u>Project 2021-07</u> Extreme Cold Weather Grid Operations, Preparedness, and Coordination I Phase 2</p> <p>Background: Addresses recommendations for new Standards/revised Standards with “Winter 2023/2024” from <i>The February 2021 Cold Weather Outages in Texas and the South Central United States FERC, NERC and Regional Entity Staff Report Federal Energy Regulatory Commission</i> (referred to as “the Report”).</p> <p><i>This posting does not include EOP-012-2. The drafting team is holding this standard back to make revisions based on FERC Order Approving Extreme Cold Weather Reliability Standards EOP-011-3 and EOP-012-1 and Directing Modification of Reliability Standard EOP-012-1, N. Am. Elec. Reliability Corp., 182 FERC ¶ 61,094 (Feb. 16, 2023). An initial posting for EOP-012-2 will occur at a future date.</i></p>	<p>Join Ballot Pools</p> <p>Comment Period & Ballot Period</p>	<p>03/29/23</p> <p>04/13/23</p>

[NERC Alert](#) – Industry Advisory – Cold Weather Standards

- Standards become effective April 1, 2023 [Project 2019-06](#)
 - EOP-011-2 Emergency Preparedness and Operations
 - IRO-010-4 Reliability Coordinator Data Specification & Collection
 - TOP-003-5 Operational Reliability Data

- [NERC will likely issue a Level 3 NERC Alert regarding “[Project 2021-07](#) Essential Actions” pertaining to cold weather operations at a later date this year...The basis will be requirements outlined in enhanced revisions of EOP-011-3 and EOP-012-1]

➤ ReliabilityFirst (RF)

➤ Technical Talks with RF

➤ March 20, 2023 2:00 p.m. – 3:30 p.m.

➤ April 17, 2023 2:00 p.m. – 3:30 p.m.

➤ [State Energy Policy Webinar](#)

➤ March 13, 2023 1:00 p.m. – 4:30 p.m.

➤ SERC

➤ [2023 Extreme Weather Webinar](#)

➤ April 13, 2023 9:00 a.m. – 12:00 p.m. (subject to change)

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



U.S. Effective Dates (future) of NERC Standards

Effective Date	Standards
April 1, 2023	EOP-011-2 Emergency Preparedness and Operations IRO-010-4 Reliability Coordinator Data Specification & Collection TOP-003-5 Operational Reliability Data
July 1, 2023	TPL-001-5.1 Transmission System Planning Performance Requirements I Implementation Plan
January 1, 2024	TPL-007-4 Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R7, 7.1-7.3, 7.3.1-7.3.2, 7.4, 7.4.1-7.4.3, 7.5, 7.5.1, R11, 11.3.1-11.3.2, 11.4, 11.4.3-11.4.3, 11.5, and 11.5.1)



U.S. Effective Dates (future) of NERC Standards

Effective Date	Standards
April 1, 2024	FAC-003-5 Transmission Vegetation Management FAC-011-4 System Operating Limits Methodology for the Operations Horizon FAC-014-3 Establish and Communicate System Operating Limits IRO-008-3 Reliability Coordinator Operational Analyses and Real-time Assessments PRC-023-5 Transmission Relay Loadability Implementation Plan PRC-002-3 Disturbance Monitoring and Reporting Requirements Implementation Plan PRC-026-2 Relay Performance During Stable Power Swings Implementation Plan TOP-001-6 Transmission Operations

**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

