



Reliability Compliance Update

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June 2022
NERC Compliance

Standards	Project	Action	End Date
EOP-011 EOP-012	<p data-bbox="285 325 2023 429">Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination</p> <p data-bbox="285 496 2023 715">Purpose/Industry Need: To address the ten recommendations for new or enhanced NERC Reliability Standards proposed by the Joint Inquiry Report. Project is in two phases, current Phase I to address the following recommendations from the report:</p> <p data-bbox="285 753 2023 811">Key Recommendations</p> <p data-bbox="285 829 2023 886">(New Standard EOP-012-1 Extreme Cold Weather Preparedness & Operations)</p> <p data-bbox="285 905 2023 962">1d. Corrective Action Plans for Freeze-Related Causes</p> <p data-bbox="285 981 2023 1038">1e. Annual Training on Cold Weather Plans</p> <p data-bbox="285 1056 2023 1113">1f. Operate to Specified Ambient Temperature, Weather</p> <p data-bbox="285 1132 2023 1189">(Revisions to EOP-011-3 Emergency Operations)</p> <p data-bbox="285 1208 2023 1265">1j. Overlap of Manual and Automatic Load Shed/UFLS</p>	<p data-bbox="2023 354 2277 496">Join Ballot Pools</p> <p data-bbox="2023 611 2277 896">Formal Comment Period & Ballot Period</p>	<p data-bbox="2277 411 2527 468">06/02/22</p> <p data-bbox="2277 668 2527 725">06/17/22</p>

Commenting and Balloting:

- Revisions to EOP-011-3 Emergency Operations
- New Standard EOP-012-1 Extreme Cold Weather Preparedness and Operations
 - Requirements R1, R2, R4, and R6 are new Requirements
 - Requirements R3 and R5 are carried over from EOP-011-2 with some revisions
- Implementation Plan

Standards	Project	Action	End Date
<p>PRC-024</p>	<p><u>Project 2020-02</u> Transmission-connected Dynamic Reactive Resources Generator Ride-through I Standard Authorization Request (SAR)</p> <p>Background: The SAR is meant to retire PRC-024-3 and replace it with a performance-based ride-through standard that ensures generators remain connected to the BPS during system disturbances. The SAR focuses on the generator protection and control systems that can result in the reduction or disconnection of generating resources during disturbance events.</p> <p>Revise the “Applicability-Facilities” section to comprehensively address all varieties of transmission-connected dynamic reactive resources that are utilized in providing Essential Reliability Services (ERS) in the Bulk Electric System (BES).</p>	<p>Comment Period & Standard Drafting Team Nominations</p>	<p>07/14/22</p>

➤ ReliabilityFirst

➤ Technical Talks with RF

- June 20, 2022 2:00 p.m. – 3:30 p.m.
- July 18, 2022 2:00 p.m. – 3:30 p.m.

➤ RF CUG Meeting

- June 24, 2022 10:00 a.m. – 12:00 p.m.
 - CUG = Compliance Users Group

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Appendix

Project 2021-07 project page: <https://www.nerc.com/pa/Stand/Pages/Project-2021-07-ExtremeColdWeather.aspx>

EOP-011-3 redline: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Initial%20Ballot_EOP-011-3_redline_051922.pdf

EOP-011-3 clean: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Initial%20Ballot_EOP-011-3_clean_051922.pdf

EOP-012-1 redline: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Initial%20Ballot%20EOP-012-1_redline_051922.pdf

EOP-012-1 clean: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Initial%20Ballot_EOP-012-1_clean_051922.pdf

Implementation Plan: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Implementation%20Plan_051922.pdf

EOP-011-3 Technical Rationale: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Draft%20Technical%20Rationale%20for%20EOP-011-3_051922.pdf

EOP-012-1 Technical Rationale: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Draft%20Technical%20Rationale%20for%20EOP-012-1_051922.pdf

Comment Form: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07_Unofficial_Comment_Form_051922.docx

Project 2020-06 project page: https://www.nerc.com/pa/Stand/Pages/Project-2020_06-Verifications-of-Models-and-Data-for-Generators.aspx

MOD-026-2: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_MOD-026-2_Draft_1_clean_05202022.pdf

Implementation Plan: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_MOD-026-2_Implementation_Plan_05202022.pdf

Comment Form: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_Unofficial_Comment_Form_05202022.docx

VRF/VSL Justifications: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_MOD-026-2_VRF_VSL_Justifications_05202022.pdf

Mapping Document: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_Mapping_Document_05202022.pdf

Technical Rationale: https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020-06_MOD-026-2_Technical_Rationale_05202022.pdf

Standard Authorization Request (IBR):

https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020_06%20IBR%20SAR%20clean_072021.pdf

Standard Authorization Request (transmission-connected dynamic reactive resources):

https://www.nerc.com/pa/Stand/Project_2020_06_Verifications_of_Models_and_Data_f/2020_06%20TCDRR%20SAR%20clean_072021.pdf



U.S. Effective Dates of NERC Standards

Effective Date	Standards
July 1, 2022	<p>CIP-012-1 Cyber Security Communications between Control Centers</p> <p>PRC-002-2 Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2-R4, R6-R11)</p>



U.S. Effective Dates of NERC Standards

Effective Date	Standards
October 1, 2022	CIP-005-7 Cyber Security Electronic Security Perimeter(s) CIP-010-4 Cyber Security Configuration Change Management and Vulnerability Assessments CIP-013-2 Cyber Security Supply Chain Risk Management PRC-024-3 Frequency and Voltage Protection Settings for Generating Resources
January 1, 2023	TPL-007-4 Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R3, R4, 4.1, 4.1.1, 4.1.2, 4.2, 4.3, 4.3.1, R8, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.1)



U.S. Effective Dates 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 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

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POWER GRID**
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YOU CLICK!**



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