



# FERC, NERC, and Regional Activities

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Reliability Standards & Compliance  
Subcommittee (RSCS)  
June 10, 2022

Standards	Project	Action	End Date
EOP-011 EOP-012	<p data-bbox="293 321 2025 435"><b><a href="#">Project 2021-07</a> Extreme Cold Weather Grid Operations, Preparedness, and Coordination</b></p> <p data-bbox="293 492 2025 721"><b>Purpose/Industry Need:</b> 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="293 749 2025 806"><b>Key Recommendations</b></p> <p data-bbox="293 828 2025 885">(New Standard EOP-012-1 Extreme Cold Weather Preparedness &amp; Operations)</p> <p data-bbox="293 906 2025 963">1d. Corrective Action Plans for Freeze-Related Causes</p> <p data-bbox="293 985 2025 1042">1e. Annual Training on Cold Weather Plans</p> <p data-bbox="293 1063 2025 1120">1f. Operate to Specified Ambient Temperature, Weather</p> <p data-bbox="293 1142 2025 1199">(Revisions to EOP-011-3 Emergency Operations)</p> <p data-bbox="293 1220 2025 1278">1j. Overlap of Manual and Automatic Load Shed/UFLS</p>	<p data-bbox="2038 349 2280 506">Join Ballot Pools</p> <p data-bbox="2038 606 2280 906">Formal Comment Period &amp; Ballot Period</p>	<p data-bbox="2293 406 2509 464">06/02/22</p> <p data-bbox="2293 664 2509 721">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><b><a href="#">Project 2020-02</a> Transmission-connected Dynamic Reactive Resources Generator Ride-through I Standard Authorization Request (SAR)</b></p> <p><b>Background:</b>            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><b>Comment Period &amp; Standard Drafting Team Nominations</b></p>	<p><b>07/14/22</b></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

Facilitator:  
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Secretary:  
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SME/Presenter:  
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**FERC, NERC, and Regional Activities**



### Member Hotline

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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](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](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](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](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](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](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](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](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](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](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](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](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](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](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](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](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](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	<a href="#">CIP-012-1</a> Cyber Security Communications between Control Centers <a href="#">PRC-002-2</a> Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2-R4, R6-R11)



# U.S. Effective Dates of NERC Standards

Effective Date	Standards
October 1, 2022	<a href="#">CIP-005-7</a> Cyber Security Electronic Security Perimeter(s) <a href="#">CIP-010-4</a> Cyber Security Configuration Change Management and Vulnerability Assessments <a href="#">CIP-013-2</a> Cyber Security Supply Chain Risk Management <a href="#">PRC-024-3</a> Frequency and Voltage Protection Settings for Generating Resources
January 1, 2023	<a href="#">TPL-007-4</a> 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	<a href="#">EOP-011-2</a> Emergency Preparedness and Operations <a href="#">IRO-010-4</a> Reliability Coordinator Data Specification & Collection <a href="#">TOP-003-5</a> Operational Reliability Data
July 1, 2023	<a href="#">TPL-001-5.1</a> Transmission System Planning Performance Requirements I Implementation Plan
January 1, 2024	<a href="#">TPL-007-4</a> 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	<a href="#">FAC-003-5</a> Transmission Vegetation Management <a href="#">FAC-011-4</a> System Operating Limits Methodology for the Operations Horizon <a href="#">FAC-014-3</a> Establish and Communicate System Operating Limits <a href="#">IRO-008-3</a> Reliability Coordinator Operational Analyses and Real-time Assessments <a href="#">PRC-023-5</a> Transmission Relay Loadability Implementation Plan <a href="#">PRC-002-3</a> Disturbance Monitoring and Reporting Requirements Implementation Plan <a href="#">PRC-026-2</a> Relay Performance During Stable Power Swings Implementation Plan <a href="#">TOP-001-6</a> Transmission Operations

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