

A decorative graphic consisting of several thin, overlapping, wavy lines in a light gray color, positioned at the top of the slide.

Reliability Compliance Update

Becky Davis
September 2021 Operating
Committee Meeting
NERC Compliance



Recommendation to Industry

Cold Weather Preparations for Extreme Weather Events

Initial Distribution: August 18, 2021

Two¹ extreme cold weather² events have occurred in the past four winter seasons. The February 2021 extreme cold weather event stressed the need to ensure the safe, resilient, and reliable operation of the Bulk Electric System. The recent extreme cold weather events across large portions of North America have highlighted the need to assess current operating practices and identify some recommended improvements, so that system operations personnel are better prepared to address these challenges. The events have caused major interruptions to resources, transmission paths and ultimately, end-use customers. This alert will assist in determining the winter readiness of Reliability Coordinators (RCs), Balancing Authorities (BAs), Transmission Operators (TOPs), and Generator Owners (GOs).

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Status:

Acknowledgement Required by Midnight Eastern on August 23, 2021
Reporting Required by Midnight Eastern on September 17, 2021



PUBLIC: No Restrictions

[More on handling >>](#)

NERC Alert Link: <https://www.nerc.com/pa/rrm/bpsa/Alerts%20DL/NERC%20Alert%20R-2021-08-18-01%20Extreme%20Cold%20Weather%20Events.pdf>

- NERC
 - NERC 2021 State of Reliability Report:
https://www.nerc.com/pa/RAPA/PA/Performance%20Analysis%20DL/NERC_SOR_2021.pdf
 - 2021 Probabilistic Analysis Forum
 - October 5-7, 2021 Registration Details Coming Soon
 - Distributed Energy Resource Modeling Capabilities in Simulation Tools Webinar
 - October 28, 2021 3:00 p.m. – 4:00 p.m. EST

- NERC Monitoring and Situational Awareness Technical Conference:
 - Session 1: September 23, 2021 | 1:00 p.m. – 3:00 p.m.
 - Overview of the bulk power system
 - [Session 1 - Webex Registration](#)
 - Session 2: October 7, 2021 | 1:00 p.m. – 3:00 p.m.
 - Distributed Energy Resources
 - [Session 2 - Webex Registration](#)
 - Session 3: October 28, 2021 | 1:00 p.m. – 3:00 p.m.
 - Technique and Workforce Challenges
 - [Session 3 - Webex Registration](#)

- ReliabilityFirst
 - 2021 Annual Reliability and Compliance Workshop
 - September 22nd & 23rd, 2021 both days: 1:00 p.m. – 5:00 p.m.
 - Technical Talks with RF
 - September 13, 2021 2:00 p.m. – 3:30 p.m. EST

- SERC Reliability Corporation
 - 2021 Fall Reliability and Security Seminar
 - October 5, 2021 12:30 p.m. – 4:30 p.m. EST
 - October 6, 2021 8:00 a.m. – 12:30 p.m. EST

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Appendix

U.S. Effective Dates of NERC Standards

Effective Date	Standards
October 1, 2021	FAC-008-5 Facility Ratings
January 1, 2022	PRC-012-2 Remedial Action Schemes (Requirement R9)
July 1, 2022	CIP-012-1 Cyber Security Communications between Control Centers PRC-002-2 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	<p>CIP-005-7 Cyber Security Electronic Security Perimeter(s)</p> <p>CIP-010-4 Cyber Security Configuration Change Management and Vulnerability Assessments</p> <p>CIP-013-2 Cyber Security Supply Chain Risk Management</p> <p>PRC-024-3 Frequency and Voltage Protection Settings for Generating Resources</p>
January 1, 2023	<p>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)</p>

U.S. Effective Dates of NERC Standards

Effective Date	Standards
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)

ERO Enterprise Issues Extension of Self-Logging Program Expansion and Deferment of On-Site Activities

Due to the ongoing pandemic, the ERO Enterprise is further extending this expansion through December 31, 2021, to allow all registered entities to self-log instances of potential noncompliance with minimal or moderate risk related to their COVID-19 response. [ERO Enterprise Guidance: Potential Noncompliance Related to Coronavirus Impacts](#).