



Reliability Compliance Update

Becky Davis
October 2022
NERC Compliance

- NERC issued a Level II NERC Alert: Cold Weather Preparations for Extreme Weather Events
 - This second Cold Weather Preparations for Extreme Weather Events Alert is being issued to further understand how Reliability Coordinators (RCs), Balancing Authorities (BAs), Transmission Operators (TOPs), and Generator Owners (GOs) plan for and progress toward mitigating risk for upcoming winter and beyond.
 - Acknowledgement due September 19, 2022
 - Reporting required due October 6, 2022

Link to NERC Alert: <https://www.nerc.com/pa/rrm/bpsa/Alerts%20DL/NERC%20Alert%20R-2022-09-12-01%20Cold%20Weather%20Events%20II.pdf>

- Audit scheduled for last week of October; scope includes:

Standard #	Requirement(s)	Standard #	Requirement(s)
BAL-005-1	R6 & R7	MOD-027-1	R5
COM-001-3	R5	MOD-031-3	R1
EOP-005-3	R3	PER-005-2	R4
EOP-006-3	R5	PRC-006-5	R3 & R6
FAC-002-3	R1	PRC-006-SERC-02	R2 & R3
FAC-014-2	All	PRC-010-2	R3 & R5
IRO-002-7	R5 & R6	PRC-026-1	R1
IRO-008-2	R1 & R2	TOP-001-5	R10 & R12
IRO-009-2	R1	TOP-002-4	R1 & R2
IRO-017-1	R1 & R4	TOP-010-1(i)	R1 & R3
MOD-026-1	R5	TPL-001-4	R1, R2, R3, R4, R5, R6

- Save the Date for 2022 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop
 - NERC, the North American Transmission Forum (NATF), and the Electric Power Research Institute (EPRI) will be holding their annual transmission planning and modeling workshop on November 2–3, 2022. This year’s theme will be “Grid Transformation: The Change is Here,” focusing on the future of power system studies, industry planning practices in the face of extreme weather events, and leveraging emerging technologies such as cloud computing and machine learning for reliability studies.

Registration details located in the Appendix

- Reliability*First* (RF)

- Technical Talks with RF

- October 24, 2022 2:00 p.m. – 3:30 p.m.

- November 24, 2022 2:00 p.m. – 3:30 p.m.

- SERC

- 2022 Extreme Weather Webinar

- October 20, 2022 9:00 a.m. – 12:30 p.m.

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Appendix

- EPRI–NATF–NERC 2022 Annual Transmission Planning and Modeling Workshop – November 2–3, 2022 | [Day 1 Registration](#) | [Day 2 Registration](#)



U.S. Effective Dates (future) 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 (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

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