



FERC, NERC, and Regional Activities

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NERC Compliance
Reliability Standards & Compliance
Subcommittee
October 15, 2021

- FERC, NERC Staff Review 2021 Winter Freeze, Recommend Standards Improvements
 - *Full Announcement:*
 - <https://www.nerc.com/news/Headlines%20DL/2021%20Winter%20Freeze%20092321.pdf>
 - *Preliminary Findings and Recommendations Full Presentation:*
 - <https://www.ferc.gov/media/february-2021-cold-weather-grid-operations-preliminary-findings-and-recommendations-full>

Standards	NERC Reliability Guideline	Action	End Date
Draft Reliability Guideline	<p>Draft Reliability Guideline – DER Forecasting Practices and Relationship to DER Modeling for BPS Planning Studies</p> <p>Background:</p> <ul style="list-style-type: none"> ➤ This Reliability Guideline identifies two large categories of forecasting strategies used in load forecasting: ➤ <i>Top down approach</i> creates projections over a wide area and can ignore local behavior to focus on the behavior of the whole ➤ <i>Bottom up approach</i> creates projections of individual component behavior before aggregating those impacts to the level desired ➤ For both large categories, a large amount of data typically feeds the projection. If this data is not of high quality, the projection, if used as the forecasted values, will provide misleading, useless results. ➤ Comment Matrix (matrix is in Excel format): https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Comment_Matrix_Reliability_Guideline_Reliability_Guideline_DER_Forecasting_Practices_and_Relationship_to_DER_Modeling_for_BPS_Planning_Studies.xlsx 	Comments via email	11/20/2021

- Distributed Energy Resource Modeling Capabilities in Simulation Tools Webinar
 - October 28, 2021 3:00 p.m. – 4:00 p.m.

- NERC Monitoring and Situational Awareness Technical Conference:
 - Session 3: October 28, 2021 | 1:00 p.m. – 3:00 p.m.
 - Technique and Workforce Challenges
 - [Session 3 - Webex Registration](#)

- ReliabilityFirst

- Technical Talks with RF

- November 15, 2021 2:00 p.m. – 3:30 p.m.

- December 13, 2021 2:00 p.m. – 3:30 p.m.

- SERC Reliability Corporation

- SERC 2021 Fall Technical Seminar: Growing Variable Energy Resources and Grid Reliability

- November 16, 2021 1:00 p.m. – 4:00 p.m.

- November 17, 2021 9:00 a.m. – 1:00 p.m.

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Appendix

Effective Date	Standards
October 1, 2021 Effective Now	FAC-008-5 Facility Ratings New RSAW posted: https://www.nerc.com/pa/comp/Pages/Reliability-Standard-Audit-Worksheets-(RSAWs).aspx
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	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 NEWLY ADDED	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)

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](#).