



Reliability Compliance Update

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Planning Committee
September 6, 2022

Standards	Project	Action	End Date
BAL-003	<u>Project 2017-01</u> Modifications to BAL-003 Phase II Background: The scope of the Phase II work will be to <ol style="list-style-type: none">1. Revise the Reliability Standard to address the Real-time aspects of Frequency Response necessary to maintain reliability,2. Ensure comparability of and applicability to the appropriate responsible entities,3. Develop measurements to incorporate Real-time and resource and load characteristics, and4. Ensure equitability of performance measurement.	Join Ballot Pools Comment Period & Ballot Period	08/23/22 09/07/22

Standards	Project	Action	End Date
FAC-002 MOD-032 TPL-001	<p>Project 2022-04 EMT Modeling I Standard Authorization Request (SAR)</p> <p>Background: This project addresses the reliability-related need and benefit by ensuring Transmission Planners (TPs) and Planning Coordinators (PCs) have the models and tools necessary to adequately conduct reliability assessments under increasing levels of inverter-based resources. This requires the collection of electromagnetic transient (EMT) models by applicable entities and TPs and PCs to conduct EMT studies where needed.</p> <p>Modifications to FAC-002; MOD-032; and TPL-001</p>	<p>Standard Drafting Team Nominations</p> <p>Comment Period</p>	<p>09/13/22</p> <p>09/13/22</p>

- 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

- **Save the Date for Monitoring and Modeling Awareness Technical Conference**
 - The conference will have presentations from entities across North America and present data from NERC's event analysis process to identify trends and lessons learned from events across different vendors, EMS platforms, and Interconnections.
 - Session 1: 1:00–3:00 p.m. Eastern | September 22, 2022
 - Session 2: 1:00–3:00 p.m. Eastern | October 6, 2022
 - Session 3: 1:00–3:00 p.m. Eastern | October 20, 2022

Registration details located in the Appendix

- Reliability*First* (RF)
 - Technical Talks with RF
 - September 12, 2022 2:00 p.m. – 3:30 p.m.
 - October 24, 2022 2:00 p.m. – 3:30 p.m.
 - RF Fall Workshops – September 27 & 28, 2022
 - This year's theme is ***Embracing the Transformation***
 - The workshop will be held virtually and in-person (limited to 125 RF Registered Entity guests)
 - September 27, 2022 1:00 p.m. – 5:00 p.m.
 - September 28, 2022 8:00 a.m. – 12:00 p.m.

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Appendix

- Monitoring and Situational Awareness Technical Conference Session 1 – September 22, 2022 | [Register](#) | [Agenda](#)
- Monitoring and Situational Awareness Technical Conference Session 2 – October 6, 2022 | [Register](#) | [Agenda](#)
- Monitoring and Situational Awareness Technical Conference Session 3 – October 20, 2022 | [Register](#) | [Agenda](#)

- 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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