



FERC, NERC, and Regional Activities

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Reliability Standards & Compliance
Subcommittee (RSCS)
October 21, 2022

Standards	Project	Action	End Date
<p>PRC-002</p>	<p>Project 2021-04 Modifications to PRC-002</p> <p>Background: The goal of the proposed project is to clarify the necessary notifications in Requirement R1, Part 1.2 relative to fault recording (FR) data, and clearly identify the BES Element owners that need to have FR data for transformers and transmission lines with the associated identified bus.</p> <p>This posting is specific to Glencoe Light Standards Authorization Request Draft PRC-002-4 <u>Clean</u> <u>Redline to Last Posted</u> <u>Redline to Last Approved Implementation Plan <u>Clean</u> <u>Redline to Last Posted Technical Rationale</u></u> for Reliability Standard PRC-002-4 Comment Form</p>	<p>Comment Period & Ballot Period</p>	<p>11/09/22</p>

Standards	Project	Action	End Date
MOD-025 PRC-019	<p> <u>Project 2021-01</u> Modifications to MOD-025 and PRC-019 </p> <p>Background:</p> <p>To address the issues that exist with MOD-025-2 regarding verification and data reporting of generator active and reactive power capability (and any other relevant equipment capability).</p> <p>For PRC-019, the Standard Drafting Team should develop language that is relevant to all generation resource types.</p> <p>Draft MOD-025-3 Clean Redline Draft PRC-019-3 Clean Redline</p> <p>Implementation Plans: MOD-025-3 PRC-019-3</p>	<p>Join Ballot Pools</p> <p>Comment Period & Ballot Period</p>	<p>10/28/22</p> <p>11/14/22</p>

Standards	Project	Action	End Date
PRC-023	<p data-bbox="300 344 1556 405"><u>Project 2021-05</u> Modifications to PRC-023</p> <p data-bbox="300 462 631 515">Background:</p> <p data-bbox="300 529 1989 886">The purpose of the proposed project provides a reliability-related benefit by modifying or eliminating PRC-023-4 Requirement R2 to more effectively apply power swing blocking (PSB) when appropriate to improve BES reliability. Proper application of PSB can also be helpful in complying with PRC-026. It will modify or remove an exclusion (Attachment A-2.3) that may no longer be needed.</p> <p data-bbox="300 958 945 1005">Draft PRC-023-6 Clean Redline</p> <p data-bbox="300 1076 741 1123">Implementation Plan</p>	<p data-bbox="2040 419 2262 509">Join Ballot Pools</p> <p data-bbox="2040 672 2262 915">Comment Period & Ballot Period</p>	<p data-bbox="2321 419 2491 466">11/15/22</p> <p data-bbox="2321 729 2491 776">12/02/22</p>

NERC Launches First Reliability Vignette

- A new NERC product intended to capture current operating incidents of interest and project the circumstances of the incidents into the future as think pieces for system planning and operating considerations.
- [First Reliability Vignette](#) – *Future Wind Planning Informed by Current Operating Experience*
 - uses the real-world operating experiences of two Balancing Authorities in a high-wind event as the basis for consideration of a future system that is wind- and solar-generation dominant.

- Draft Reliability Guideline: Bulk Power System Reliability Perspectives on the Adoption of IEEE 1547-2018 – comments due 11/18/22
 - Draft Reliability Guideline – [Clean Version](#) | [Draft Reliability Guideline – Redline Version](#)
- Reliability*First* (RF)
 - Technical Talks with RF
 - October 24, 2022 2:00 p.m. – 3:30 p.m.
 - November 14, 2022 2:00 p.m. – 3:30 p.m.
 - December 12, 2022 2:00 p.m. – 3:30 p.m.

- 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

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Appendix

- 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 found under Workshops and Conferences in the Standards, Compliance, and Enforcement Bulletin October 3-9, 2022:
https://www.nerc.com/pa/comp/news/Documents/2022_10_03_StandardsCompliance_Bulletin.pdf



U.S. Effective Dates (future) of NERC Standards

Effective Date	Standards
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)
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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