



FERC, NERC, and Regional Activities

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Reliability Standards & Compliance
Subcommittee (RSCS)

December 2021

Standards	Project	Action	End Date
MOD-025 MOD-026 MOD-027 PRC-019 PRC-024	<p>Project 2020-02 Transmission-connected Dynamic Reactive Resources – Standard Authorization Request (SAR) drafting team members request</p> <p>Purpose/Industry Need:</p> <ul style="list-style-type: none"> ➤ Dynamic reactive resources used to provide Essential Reliability Services (ERS) in the BES include generation resources (rotating machine and inverter-based) as well as transmission connected dynamic reactive resources (power-electronics based). Existing Reliability Standards for verifying the capability, modeling and performance of dynamic reactive resources are only applicable to Facilities comprising generation resources. Augmenting the applicability of these standards to include (nongeneration) transmission-connected reactive resources, both rotating machine (i.e. synchronous condenser) and power-electronics based, will enhance the BES reliability by ensuring that the capability, models and performance are verified and validated for all varieties of dynamic reactive resources utilized in providing ERS in the BES. ➤ Submit nominations via the Project page and electronic form https://nerc.checkboxonline.com/8f3ea3a2-c9ad-431d-9815-2d0d1060d325 	SAR Drafting Team Nominations	12/20/2021

Standards	Project	Action	End Date
BAL EOP IRO TOP PRC & Other Standards as Identified	<p><u>Project 2021-07</u> Extreme Cold Weather Grid Operations, Preparedness, and Coordination – <u>Standard Authorization Request (SAR)</u></p> <p>Background:</p> <ul style="list-style-type: none"> ➤ To enhance reliability of the BES through improved operations, preparedness, and coordination during extreme weather, as described by the Federal Energy Regulatory Commission (FERC), NERC, and Regional Entity Joint Staff Inquiry into the February 2021 Cold Weather Grid Operations. ➤ The Project Scope addresses nine recommendations for new or enhanced NERC Reliability Standards proposed by <i>The February 2021 Cold Weather Outages in Texas and the South Central United States</i> report: https://www.ferc.gov/media/february-2021-cold-weather-outages-texas-and-south-central-united-states-ferc-nerc-and ➤ Link to Submit Nominations for SAR Drafting Team Members: https://nerc.checkboxonline.com/2bada4c4-e245-4a11-a9d7-dab1f5ca0533 	Formal Comment Period & Nominations for SAR Drafting Team Members	12/21/21

Standards	Project	Action	End Date
FAC-008	<p><u>Project 2021-08</u> Modifications to FAC-008 – Standard Authorization Request (SAR)</p> <p>Background: As currently written, the FAC-008 Reliability Standard and associated defined terms “Facility” and “Element” have been interpreted by some to mean that only electrical components may be considered when developing Generator Facility Ratings under R1. This could lead to planning and operational entities being provided Generator Facility Ratings that are higher than the actual output the plant is capable of, which could be detrimental to reliability during actual system emergencies. Explicitly allowing the inclusion of mechanical elements in the development of Facility Ratings will ensure Generators are rated to their most limiting element.</p> <p>Purpose/Industry Need: The purpose of the proposed project is to produce Generator Owner Facility Ratings that accurately reflect the real power capability of the facility and are therefore useful for reliability-related activities (such as in contingency analysis, SOL determination, etc.).</p> <p>➤ Link to Unofficial Comment Form: https://www.nerc.com/pa/Stand/Project202108ModificationstoFAC008DL/2021-08_Unofficial_Nomination_Form_120921.docx</p>	<p>Comment Period & Nominations for SAR Drafting Team Members</p>	<p>01/27/22</p>

Standards	Project	Action	End Date
<p>FAC-001 FAC-002</p>	<p><u>Project 2020-05</u> Modifications to FAC-001 and FAC-002 – Ballot Pools Forming (January 10, 2022); and Formal Comment Period and Balloting (01/31/2022)</p> <p>Background: The NERC Inverter-based Resource Performance Task Force (IRPTF) undertook an effort to perform a comprehensive review of all NERC Reliability Standards to determine if there were any potential gaps or improvements based on the work and findings of the IRPTF. The IRPTF identified several issues as part of this effort and documented its findings and recommendations in a white paper. The <u>“IRPTF Review of NERC Reliability Standards White Paper”</u> was approved by the Operating Committee and the Planning Committee in March 2020. Among the findings noted in the white paper, the IRPTF identified issues with FAC-001-3 and FAC-002-2 that should be addressed.</p> <p>➤ Link to Unofficial Comment Form: https://www.nerc.com/pa/Stand/Project_202005_Modifications_to_FAC001_and_FAC002_/2020-05_Mod_to_FAC-001_and_FAC-002_Unofficial_Comment_Form_12072021.docx</p>	<p>Join Ballot Pools Formal</p>	<p>01/10/22</p>
		<p>Comment Period & Balloting</p>	<p>01/31/22</p>

- ReliabilityFirst

- Compliance User Group (CUG) Meeting

- January 21, 2022 10:00 a.m. – 12:00 p.m.

Facilitator:
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Appendix



U.S. Effective Dates of NERC Standards

Effective Date	Standards
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	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)