

Reliability Compliance Update

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Reliability Compliance

Standards	Project	Action	End Date
PRC-005	Standard Authorization Request (SAR) Project 2019-04 Modifications to PRC-005-6 - Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance Background: ➤ NERC received a SAR from the North American Generator Forum (NAGF) seeking revisions to PRC-005-6 to provide clarity that the protective functions enabled within excitation systems (including analog/digital Automatic Voltage Regulators (AVRs)), and other control systems, that respond to electrical quantities and act to cease injecting current or trip BES elements either directly or via lockout or auxiliary tripping relays are within the scope of the standard. Without clear applicability, the industry is struggling with how to implement PRC-005 and what testing is acceptable to meet the required maintenance activities prescribed by PRC-005. ➤ Additionally, there are Protection System Station direct current (DC) supply technologies that do not currently have maintenance activities established in PRC-005. The standard needs to address battery-based station DC technologies that are not covered by PRC-005 and consider other emerging technologies, both battery-based and non-battery-based.	Comments	7/8/2020

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CIP-014-3 FAC-003-5 FAC-011-4 FAC-013-3 FAC-014-3 IRO-008-3 PRC-002-3 PRC-023-5 PRC-026-2 TOP-001-6	Project 2015-09 Establish and Communicate System Operating Limits Background: - Facilities Design, Connections, and Maintenance (FAC) standards fulfill an important reliability objective for determining and communicating System Operating Limits (SOLs) used in the reliable planning and operation of the Bulk Electric System (BES). This project will revise requirements for determining and communicating these SOLs. Revisions are necessary to improve the requirements by eliminating overlap with approved Transmission Planning (TPL) requirements, enhancing consistency with Transmission Operations (TOP) and Interconnection Reliability Operations (IRO) standards, and addressing issues with determining and communicating SOLs and Interconnection Reliability Operating Limits (IROLs). - The project will revise the requirements for determining and communicating SOLs and IROLs to address the issues identified in Project 2015-03 Periodic Review of System Operating Limit Standards. The resulting standard(s) and definition(s) will benefit reliability by improving alignment with approved TPL and proposed TOP and IRO standards. The project may result in development of one or more proposed Reliability Standards and definitions.	Ballot Open Comments and Ballot Close	7/24/2020 8/3/2020

- Kelly Hanson is joining NERC as senior vice president (SVP) and chief administrative officer (CAO), effective July 6. As CAO, Hanson will be responsible for executing the company's long-term Information Technology, Finance and Human Capital strategic plans
- 2020 Summer Reliability Assessment – Report finds that projected resources are at or above the levels needed to satisfy summer peak demand under anticipated weather in nearly all assessment areas. However, the unprecedented coronavirus pandemic has led to heightened uncertainty in demand projections, has disrupted preparation (i.e., preventative maintenance, supply stocking and training) for the summer peak operating season. Further, in its continuing outreach and coordination with system operations and Reliability Coordinators, NERC did not identify any specific threat or degradation to the reliable operation of the bulk power system for the spring time frame.

NERC Standards Subject to Future Enforcement

➤ **January 1, 2021**

- Rev PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2-4, 6-11)
- PRC-012-2 – Remedial Action Schemes (R1-R3, R5-R7)
- Rev PRC-025-2 – Generator Relay Loadability (phased-in implementation of Attachment 1: Relay Settings, Table 1 Options 5b, 14b, 15b, and 16b)

➤ **April 1, 2021**

- Rev PRC-001-1 - System Protection Coordination – Retirement (R1, R3, R4)
- Rev PER-006-1 – Specific Training for Personnel
- Rev PRC-027-1 – Coordination of Protection Systems for Performance During Faults

➤ **July 1, 2021**

- TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R11, R12)

➤ **January 1, 2022**

- TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6, R10)

➤ **July 1, 2022**

- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for R2–4, 6–11)