



Reliability Compliance Update

System Operations Subcommittee
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March 29, 2018



NERC Standards Under Development

Standards	Project	Action	End Date
TPL-001-5	Project 2015-10 Single Points of Failure TPL-001-5 Applicability: PC, TP Purpose: <ul style="list-style-type: none">Revisions will provide clear, unambiguous, and results-based Reliability Standard Requirements to address the recommendations identified in the System Protection and Control Subcommittee (SPCS) and System Analysis and Modeling Subcommittee (SAMS) report titled “Order No. 754 Assessment of Protection System Single Points of Failure Based on the Section 1600 Data Request”.	<ul style="list-style-type: none">CommentBallot	04/09/2018



NERC Standards Under Development

Standards	Project	Action	End Date
BAL-002-3	BAL-002-3 Disturbance Control Standard—Contingency Reserve for Recovery from a Balancing Contingency Event Applicability: BA, RSG Purpose: FERC directed NERC to develop modifications to Requirement R1 to require Balancing Authorities or Reserve Sharing Groups: (1) to notify the reliability coordinator of the conditions set forth in Requirement R1, Part 1.3.1 preventing it from complying with the 15-minute ACE recovery period; and (2) to provide the reliability coordinator with its ACE recovery plan, including a target recovery time.	Comments	05/07/2018

➤ **April 1, 2018**

- IRO-018-1(i) – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
- TOP-010-1(i) – Real-time Reliability Monitoring and Analysis Capabilities

➤ **July 1, 2018**

- MOD-026-1 – Verification of Models and Data for Generator Excitation Control System or Plant Volt/VAR Control Functions (R2, R2.1 – R2.1.6)
- MOD-027-1 – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions (R2, R2.1 – R2.1.5)
- TOP-001-4 – Transmission Operations
- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R2)

➤ **January 1, 2019**

- BAL-005-1 – Balancing Authority Control
- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R5)

➤ **April 1, 2019**

- EOP-004-4 – Event Reporting
- EOP-005-3 – System Restoration from Blackstart Resources
- EOP-006-3 – System Restoration Coordination
- EOP-008-2 – Loss of Control Center Functionality

➤ **January 1, 2020**

- PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)

➤ **July 1, 2020**

- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)

➤ **January 1, 2021**

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)
- PRC-012-2 – Remedial Action Schemes



NERC Standards Subject to Future Enforcement

➤ **January 1, 2022**

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R3, R4, R7)

➤ **July 1, 2022**

- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)

Questions?

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