



Reliability Compliance Update

Planning Committee
Preston Walker
March 8, 2018



NERC Standards Under Development

Standards	Project	Action	End Date
PER-003-2	<p>System Operator Certification Program Survey</p> <p>Applicability: System Operators</p> <p>Purpose: The Personnel Certification Governance Committee (PCGC) is in the process of reviewing the NERC System Operator Certification (SOC) program. Industry input is a critical part of the process. The PCGC is requesting input from industry stakeholders related to the SOC program for potential future program development and/or improvement.</p>	Comment	03/15/2018



NERC Standards Under Development

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TPL-007-1	<p data-bbox="315 268 1974 368">Proposed NERC Rules of Procedure Section 1600 Data Request for GMD Data</p> <p data-bbox="315 439 614 486">Applicability: TO, GO</p> <p data-bbox="315 568 524 615">Purpose: NERC and the Geomagnetic Disturbance Task Force (GMDTF) have drafted the proposed GMD Data Request for the collection of GIC monitoring and magnetometer data as required by FERC Order No. 830. The GMD Data Request applies to U.S. registered Transmission Owners and Generator Owners.</p>	Comment	03/26/2018



NERC Standards Under Development

Standards	Project	Action	End Date
TPL-001-5	<p>Project 2015-10 Single Points of Failure TPL-001-5</p> <p>Applicability: PC, TP</p> <p>Purpose:</p> <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">• Comment• Ballot	04/09/2018

➤ **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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