Reliability Compliance Update

Planning Committee
Preston Walker
March 8, 2018
**Standards**  | **Project** | **Action** | **End Date**  
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PER-003-2 | System Operator Certification Program Survey | Comment | 03/15/2018  

**Applicability:**  
System Operators  

**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.
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.

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<thead>
<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
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<tbody>
<tr>
<td>TPL-007-1</td>
<td>Proposed NERC Rules of Procedure Section 1600 Data Request for GMD Data</td>
<td>Comment</td>
<td>03/26/2018</td>
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<td>Standards</td>
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<td>TPL-001-5</td>
<td>Project 2015-10 Single Points of Failure TPL-001-5</td>
<td>• Comment • Ballot</td>
<td>04/09/2018</td>
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**Applicability:**
PC, TP

**Purpose:**
- 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”.

NERC Standards Under Development
NERC Standards Subject to Future Enforcement

- **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)
NERC Standards Subject to Future Enforcement

- **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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