Reliability Compliance Update

Planning Committee
Preston Walker
May 3, 2018
NERC Standards Under Development

<table>
<thead>
<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAL-002-3</td>
<td>BAL-002-3 Disturbance Control Standard—Contingency Reserve for Recovery from a Balancing Contingency Event</td>
<td>• Comment</td>
<td>05/07/2018</td>
</tr>
</tbody>
</table>

**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.
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<tr>
<td>PER-003-2</td>
<td>System Operator Certification Program Survey</td>
<td>Survey</td>
<td>06/15/2018</td>
</tr>
</tbody>
</table>

**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 Standards Subject to Future Enforcement

- **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
NERC Standards Subject to Future Enforcement

- **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

- **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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