NERC and Regional Coordination Update

Planning Committee
Preston Walker
January 11, 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>Modifications to the NERC Rules of Procedure (ROP) Appendix 4C (Compliance Monitoring and Enforcement Program)</td>
<td></td>
<td>Comment Period</td>
<td>1/14/2018</td>
</tr>
</tbody>
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**Purpose:**

The Consolidated Hearing Process in Appendix 4C is the method used to conduct hearings and issue decisions concerning disputed compliance matters (noncompliance, mitigation plans, remedial action, penalties, etc.). In this revision of the ROP, NERC proposes to:

- increase the number of members in the Consolidated Hearing Body to five, instead of four to prevent a tie; and
- replace the term "segment" with "sector" to align with the Appendix 2 definitions and the Regional Delegation Agreements between NERC and the REs that address compliance hearings.
### NERC Standards Under Development

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<tbody>
<tr>
<td>NUC-001-3</td>
<td><strong>Project 2017-05 NUC-001-3 Periodic Review</strong></td>
<td>Comment Period</td>
<td>1/29/2018</td>
</tr>
</tbody>
</table>

**Applicability:**
BA, DP, GO, GOP, LSE, PC, RC, TO, TOP, TP, TSP

**Purpose:**
The periodic review comprehensively reviews the Standards to evaluate, for example, whether the Requirements are clear and unambiguous.
# NERC Standards Under Development

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<tr>
<td></td>
<td>Draft Reliability Guideline: Methods for Establishing IROLS</td>
<td>Comment Period</td>
<td>1/29/2018</td>
</tr>
</tbody>
</table>

**Applicability:**
RC, PC, TOP, TP

**Purpose:**
The goal of this guideline is to provide guidance and technically sound methods for the industry in establishing Interconnection Reliability Operating Limits (IROLs). The guideline provides an overall framework and detailed technical reference material related to the assessment of the following to ensure Reliable Operation of the BPS:

- System Instability
- Uncontrolled Separation
- Cascading
### NERC Standards Under Development

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<tr>
<td><strong>Applicability:</strong></td>
<td>RC, TO, TOP, GOP, BA</td>
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<tr>
<td><strong>Purpose:</strong></td>
<td>This guideline is intended to assist System Operators in detecting and responding to potential cyber security incidents and provides guidance on when to activate your entity-specific incident reporting procedures.</td>
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</tbody>
</table>
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 – 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

- **January 1, 2020**
  - PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)

- **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)
Questions?

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