Reliability Compliance Update

Planning Committee
Preston Walker
July 12, 2018
### CIP-002-5.1a

| Standards Authorization Request (SAR): IROL Modifications to CIP-002 |
|---|---|---|
| **Applicable:** PC and TP |
| **Purpose:** |
| • The purpose of this SAR is to transfer an issue currently within the scope of Project 2015-09 to Project 2016-02. Transferring the issue will simplify the Standards development process such that only one Standard Drafting Team is modifying CIP-002. |
| • The intent of this project is to modify CIP-002-5.1a to account for the retirement of FAC-010-3 and the elimination of a Requirement for Planners to identify SOLs and IROLs. |
| • This project replaces the reference to IROLs in Criterion 2.6 with other language that would allow PCs and TPs to identify Facilities that otherwise do not meet the criteria in Section 2 of Attachment 1, but pose higher risk to reliability such that its BES Cyber Systems should be protected as Medium Impact. |
### Draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources

**Purpose:**
The NERC Power Plant Modeling and Verification Task Force (PPMVTFT) developed this guideline to support recommendations in the ERO Risk Priorities Report to address potential reliability impacts of the changing resource mix. The guideline covers many of the potential tests that may be needed to develop or verify dynamic models related to the activities of MOD-026-1 and MOD-027-1. The material presented is applicable to Generator Owners, Generator Operators, Planning Coordinators, Transmission Planners, Transmission Operators, Reliability Coordinators, testing engineers, and other subject matter experts of the NERC MOD Standards pertaining to model verification and capability testing.

<table>
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<tr>
<th>Standards</th>
<th>Project</th>
<th>Action</th>
<th>End Date</th>
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<tr>
<td>MOD-026-1</td>
<td>Draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources</td>
<td>Comment</td>
<td>07/26/2018</td>
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<td>MOD-027-1</td>
<td>Draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources</td>
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### NERC Standards Under Development

<table>
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<td></td>
<td>Revisions to the NERC Standard Processes Manual</td>
<td>Comment and Vote</td>
<td>08/09/2018</td>
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A 45-day formal comment period is open through **August 9, 2018** for the following revised sections of the NERC Standards Process Manual (SPM):

- Section 4.4.2 – Clarify that SDT may develop and post tech documents
- Section 4.12 – 4.14 – Process for posting, balloting, and commenting
- Section 6.0 - Process for Conducting Field Tests;
- Section 7.0 - Process for Developing Interpretations;
- Section 8.0 - Process for Appealing an Action or Inaction; and
- Section 11.0 - Process for Approving Supporting Documents.

An additional ballot will be conducted **July 31 – August 9, 2018**.
Workshops

- NERC Standards and Compliance Workshop – July 24–25, 2018, Columbus, Ohio
- Monitoring and Situational Awareness Technical Conference – October 2–3, 2018, Carmel, Indiana
NERC Standards Subject to Future Enforcement

- **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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