



# Reliability Compliance Update

Reliability Standards and Compliance Subcommittee  
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July 20, 2018



# NERC Standards Under Development

Standards	Project	Action	End Date
MOD-026-1 MOD-027-1	<b>Draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources</b> <b>Purpose:</b> The NERC Power Plant Modeling and Verification Task Force (PPMVTF) 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.	Comment	07/26/2018



# NERC Standards Under Development

Standards	Project	Action	End Date
	<p data-bbox="270 440 1236 480"><b>Revisions to the NERC Standard Processes Manual</b></p> <p data-bbox="270 561 1570 651">A 45-day formal comment period is open through <b>August 9, 2018</b> for the following revised sections of the NERC Standards Process Manual (SPM):</p> <ul data-bbox="321 670 1608 1013" style="list-style-type: none"><li>• Section 4.4.2 – Clarify that SDT may develop and post tech documents</li><li>• Section 4.12 – 4.14 – Process for posting, balloting, and commenting</li><li>• Section 6.0 - Process for Conducting Field Tests;</li><li>• Section 7.0 - Process for Developing Interpretations;</li><li>• Section 8.0 - Process for Appealing an Action or Inaction; and</li><li>• Section 11.0 - Process for Approving Supporting Documents.</li></ul> <p data-bbox="270 1032 1394 1073">An additional ballot will be conducted <b>July 31 – August 9, 2018</b>.</p>	<p data-bbox="1671 440 1833 516"><b>Comment and Vote</b></p>	<p data-bbox="1881 448 2053 483"><b>08/09/2018</b></p>



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Standards	Project	Action	End Date
	<p><b>Draft Reliability Guideline: Generating Unit Operations during Complete Loss of Communications</b></p> <p><b>Applicability: BA, GOP, RC, TOP</b></p> <p><b>Purpose:</b></p> <p>This guidelines provides a strategy for power plant operations in the case of complete loss of communications (both data and voice) between the on-site generating unit(s) operator and the System Operator for the Balancing Area, Transmission Operator, and Reliability Coordinator.</p> <p>This guideline was developed as requested by the NERC Operating Committee (OC) as part of the industry’s response to the Severe Impact Resilience Task Force (SIRTF) Recommendations. The NERC OC charter requires Reliability Guidelines to be refreshed every three years.</p>	Comment	08/27/2018

## ➤ 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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