



# NERC and Regional Coordination Update



Reliability Standards and Compliance Subcommittee  
Preston Walker  
May 18, 2017



## NERC Standards Under Development

Standards	Project	Activity	Due Date
TPL-001-5	<p><b>Project 2015-10 Single Points of Failure TPL-001:</b></p> <p>The Special Protection and Control Subcommittee (SPCS) and the System Analysis and Modeling Subcommittee (SAMS) conducted an assessment of protection system single points of failure. The assessment confirms the existence of a reliability risk associated with single points of failure in protection systems that warrants further action. The purpose of this project is to provide a clear, unambiguous, and results-based Reliability Standard to address the assessment's recommendations for modifying TPL-001-4.</p> <p><b>PJM is currently developing comments.</b></p>	Comments	5/24/17



# NERC Standards Under Development

Standards	Project	Activity	Due Date
	<p data-bbox="243 440 1549 532"><b>Request for Comments on Pseudo-Tie Coordination Reference Document:</b></p> <p data-bbox="243 557 1608 737">The NERC Operating Committee's Operating Reliability Subcommittee developed the Pseudo-Tie Coordination Reference Document to provide a guideline on the coordination needed for the implementation of pseudo-ties for generation and load.</p> <p data-bbox="243 761 1633 940">The NERC Operating Committee reviewed the initial draft of the document at its March 2017 meeting and approved it for a 45-day industry comment period. A draft version of the Reference Document is posted on the NERC website for industry comment.</p> <p data-bbox="243 1021 1535 1104"><b>PJM participated in the drafting of this document and will not submit comments.</b></p>	Comments	6/5/2017



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Standards	Project	Activity	Due Date
	<p data-bbox="243 440 1520 532"><b>Request for Comments on Dynamic Tag Exclusion Reference Document:</b></p> <p data-bbox="243 557 1583 781">The NERC Operating Committee's Operating Reliability Subcommittee developed the Dynamic Tag Exclusion Reference Document to provide a management guideline on the exclusion of tags with specific source and sink combinations due to the MW impact being included in different curtailable products.</p> <p data-bbox="243 805 1633 987">The NERC Operating Committee reviewed the initial draft of the document at its March 2017 meeting and approved it for a 45-day industry comment period. A draft version of the Reference Document is posted on the NERC website for industry comment.</p> <p data-bbox="243 1065 1535 1149"><b>PJM participated in the drafting of this document and will not submit comments.</b></p>	<p data-bbox="1688 440 1877 472"><b>Comments</b></p>	<p data-bbox="1898 440 2055 472"><b>6/5/2017</b></p>



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Standards	Project	Activity	Due Date
BAL-502-RF-03	<p><b>Comment Period Open for Regional Reliability Standard BAL-502-RF-03:</b></p> <p>ReliabilityFirst has requested that NERC post Regional Reliability Standard <b>BAL-502-RF-03 – Planning Resource Adequacy Analysis, Assessment and Documentation</b> for industry review and comment as permitted by the NERC Rules of Procedure.</p> <p><b>PJM participated in the drafting of this Standard and will not submit comments.</b></p>	Comments	6/12/17



# NERC Standards Subject to Future Enforcement

- **July 1, 2017**
  - MOD-033-1 - Steady-State and Dynamic System Model Validation
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R1)
- **October 1, 2017**
  - COM-001-3 – Communications
    - M-01 Revisions (PJM Internal, and TO Internal Communications)
  - IRO-002-5 – Reliability Coordination – Monitoring and Analysis
- **January 1, 2018**
  - BAL-002-2 – Disturbance Control Standard – Contingency Reserve for Recovery from a Balancing Contingency Event
  - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- **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



# 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

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R5)

## ➤ January 1, 2021

- PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)
- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)

## ➤ January 1, 2022

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R3, R4, R7)