



# NERC and Regional Coordination Update

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System Operations Subcommittee  
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Standards	Project	Activity	Due Date
<b>EOP-004-4</b>	<p><b>Project 2015-08 Emergency Operations</b></p> <p>Part of the Emergency Operations Periodic Review Team (Project 2015-02) performed a comprehensive review of a subset of Emergency Operations Standards (EOP-004, EOP-005, EOP-006 and EOP-008) to evaluate, for example, whether the requirements are clear and unambiguous. The Periodic Review included background information, along with any associated worksheets or reference documents, to guide a comprehensive review that resulted in the following recommendations:</p> <p>EOP-004-4 v1 Revise the standard to remove mention of weekends and now just says by the end of next business day</p> <p>EOP-004 has a separate Ballot and Commenting period from the other EOP standards that were reviewed</p>	<b>Ballot and Comments</b>	<b>1/6/2017</b>



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>SAR TPL-007-2</b>	<b>Project 2013-03 Geomagnetic Disturbance Mitigation</b> On September 22, 2016, FERC issued <a href="#">Order No. 830</a> approving Reliability Standard TPL-007-1 - Transmission System Planned Performance for Geomagnetic Disturbance Events. In the order, FERC directed NERC to develop certain modifications to the Standard, or to develop other new or revised Standards. The revisions include: <ul style="list-style-type: none"><li>· Modify the benchmark GMD event definition used for GMD Vulnerability Assessments;</li><li>· Make related modifications to requirements pertaining to transformer thermal impact assessments;</li><li>· Require collection of GMD-related data. NERC is directed to make data available; and</li><li>· Require deadlines for Corrective Action Plans (CAPs) and GMD mitigating actions.</li></ul> FERC established a deadline of 18 months from the effective date of Order No. 830 for completing the revisions, which is May 2018.	<b>Informal Comments</b>	<b>1/20/2017</b>

- January 1, 2017
  - IRO-010-2 – Reliability Coordinator Data Specification and Collection (R1 and R2)
  - TOP-003-3 – Operational Reliability Data (All Requirements but R5)

- April 1, 2017
  - EOP-004-3 – Event Reporting
  - EOP-010-1 – Geomagnetic Disturbance Operations (Requirement 2)
  - EOP-011-1 – Emergency Operations
  - FAC-010-3 - System Operating Limits Methodology for the Planning Horizon
  - FAC-011-3 - System Operating Limits Methodology for the Operations Horizon
  - IRO-001-4 – Reliability Coordination – Responsibilities
  - IRO-002-4 - Reliability Coordination — Monitoring and Analysis
  - IRO-008-2 – Reliability Coordinator Operational Analyses and Real-time Assessments
  - IRO-010-2 – Reliability Coordinator Data Specification and Collection (R3)
  - IRO-014-3 — Coordination Among Reliability Coordinators
  - IRO-017-1 — Outage Coordination
  - MOD-029-2a – Rated System Path Methodology
  - MOD-030-3 – Flowgate Methodology

- April 1, 2017 (continued)
  - PRC-010-1 – Undervoltage Load Shedding
  - PRC-015-1 - Remedial Action Scheme Data and Documentation
  - PRC-016-1 - Remedial Action Scheme Misoperations
  - PRC-017-1 - Remedial Action Scheme Maintenance and Testing
  - PRC-023-4 - Transmission Relay Loadability
  - TOP-001-3 – Transmission Operations
  - TOP-002-4 – Operations Planning
  - TOP-003-3 – Operational Reliability Data (R5)
- April 2, 2017
  - PRC-004-5(i) - Protection System Misoperation Identification and Correction
  - PRC-010-2 – Undervoltage Load Shedding



# 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
- October 1, 2017
  - COM-001-3 – Communications
- January 1, 2018
  - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- April 1, 2018
  - IRO-018-1 – 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 (Requirements R2, 2.1–2.1.6)
  - MOD-027-1 – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions (Requirements R2, 2.1–2.1.5)
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 2)
- January 1, 2019
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 5)
- 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 (Requirement 6)
- January 1, 2022
  - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements 3,4,7)