



NERC and Regional Coordination Update

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System Operations Subcommittee

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NERC Standards Under Development

Standards	Project	Activity	Due Date
EOP-004-4	<p>Project 2015-08 Emergency Operations</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>	Ballot and Comments	1/6/2017

Standards	Project	Activity	Due Date
EOP-005-3 EOP-006-3	<p>Project 2015-08 Emergency Operations</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 PRT included background information to guide a review that resulted in the following recommended changes to Version 1 of the following EOP Standards:</p> <p><u>Revise EOP-005-3 V1</u></p> <ul style="list-style-type: none"> • Clarify when the restoration is complete and normal operations is to start again • Again do review annually, change from 15 months • Clarify when updates need to be sent to the RC <p><u>Revise EOP-006-3 V1</u></p> <ul style="list-style-type: none"> • Do review every 13 months, change from 15 months • Training requirement annually, change from 15 months 	<p>Comments and Balloting</p>	<p>1/6/2017</p>

- 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

- July 1, 2017
 - MOD-033-1 - Steady-State and Dynamic System Model Validation
- January 1, 2018
 - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- 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)
- January 1, 2020
 - PRC-026-1 – Relay Performance During Stable Power Swings (R2-R4)