



NERC and Regional Coordination Update

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System Operation Subcommittee
June 29, 2016

Standards	Project	Activity	Due Date
<p>ROP Section 500, 600 and 1000 Appendices 2 and 8</p>	<p>Proposed Reserve Sharing Group Revisions to NERC Rules of Procedure and Request for Comments: NERC is proposing revisions to Section 600 (Personnel Certification) of its Rules of Procedure (ROP) to clarify various provisions of Section 600, to streamline certain processes, and to reflect current practices.</p> <p>NERC is also proposing revisions to Section 500 (Organization Registration and Certification), Section 1000 (Situation Awareness and Infrastructure Security), Appendix 2 (Definitions Used in the Rules of Procedure), and Appendix 8 (NERC Blackout and Disturbance Response Procedures) of the NERC ROP to include the defined term “System Operator” and to implement the term throughout the ROP. Inclusion of the term “System Operator” within the NERC Rules of Procedure will more closely align the NERC ROP with the Glossary of Terms Used in NERC Reliability Standards as approved by FERC.</p> <p>NERC proposes to request that these revisions become effective immediately after filing with FERC. NERC intends to submit these changes to the NERC Board of Trustees for approval at its August 11, 2016 meeting.</p>	<p>Comments</p>	<p>6/30/16</p>

Standards	Project	Activity	Due Date
TOP-001-3 and IRO-002-4	<p>Project 2016-01 Modifications to TOP and IRO Standards</p> <p>The SDT will develop modifications to TOP-001-3 - Transmission Operations and IRO-002-4 - Reliability Coordination: Monitoring and Analysis to address Order No. 817 directives, or an alternative</p> <ul style="list-style-type: none"> · Monitoring non-Bulk Electric System facilities. FERC noted that "in some instances the absence of real-time monitoring of non-BES facilities by the transmission operator within and outside its TOP area as necessary for determining SOL exceedances in proposed TOP-001-3, Requirement R10 creates a reliability gap." · Redundancy and Diverse Routing of Data Exchange Capabilities. FERC determined that, with respect to data exchange capabilities, "do not clearly address redundancy and diverse routing so that registered entities will unambiguously recognize that they have an obligation to address redundancy and diverse routing as part of their TOP and IRO compliance obligations." · Testing of the Alternate or Less Frequently Used Data Exchange Capability. FERC determined that existing requirements do not establish a clear obligation for RCs, TOPs, and BAs to test alternative data exchange capabilities. 	Comments and Balloting	8/3/2016

➤ July 1, 2016

- BAL-001-2 - Real Power Balancing Control Performance
- CIP-002-5.1- Cyber Security – BES Cyber System Categorization;
- CIP-005-5 - Cyber Security – Electronic Security Perimeter(s);
- CIP-003-6 - Cyber Security – Security Management Controls;
- CIP-004-6 - Cyber Security – Personnel & Training;
- CIP-006-6 - Cyber Security – Physical Security of BES Cyber Systems;
- CIP-007-6 - Cyber Security – System Security Management;
- CIP-008-5 - Cyber Security – Incident Reporting and Response Planning;
- CIP-009-6 - Cyber Security – Recovery Plans for BES Cyber Systems;
- CIP-010-2 - Cyber Security – Configuration Change Management and Vulnerability Assessments;
- CIP-011-2 - Cyber Security – Information Protection
- COM-002-4 - Operating Personnel Communications Protocols
- MOD-025-2 - Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability

- July 1, 2016
 - MOD-031-1 - Demand and Energy Data
 - PER-005-2 - Operations Personnel Training
 - PRC-002-2 - Disturbance Monitoring and Reporting Requirements
 - PRC-004-4(i) - Protection System Misoperation Identification and Correction;
 - PRC-019-2 - Coord of Gen Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
 - PRC-024-2 - Generator Frequency and Voltage Protective Relay Settings
- October 1, 2016
 - FAC-003-4 - Transmission Vegetation Management
 - MOD-031-2 - Demand and Energy Data

- 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-010-1 – Geomagnetic Disturbance Operations (Requirement 2)
 - EOP-011-1 – Emergency Operations
 - 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
 - PRC-010-1 – Undervoltage Load Shedding
 - 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)
- January 1, 2020
 - PRC-026-1 – Relay Performance During Stable Power Swings (R2-R4)