



NERC and Regional Coordination Update

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SOS – September 30, 2015



Standards	Project	Activity	Due Date
PRC-012-2	<p>Project 2010-05.3 Phase 3 of Protection Systems: Remedial Action Schemes (RAS)</p> <p>Phase 3 is intended to address all aspects of RAS and Special Protection Systems (SPS) contained in the RAS/SPS-related Reliability Standards. In FERC Order No. 693, the Commission identified PRC-012-1, PRC-013-1, and PRC-014-1 as “fill-in-the-blank” standards.</p> <p>The Phase 3 SDT will correct the applicability of the fill-in-the-blank standards by assigning the requirement responsibilities to the specific users, owners, and operators of the Bulk-Power System; and will revise the RAS/SPS-related standards that address the:</p> <ul style="list-style-type: none"> • planning, coordination, and design of RAS/SPS, • review, assessment, and documentation of RAS/SPS, • analysis of RAS/SPS operation(s) and/or failure(s) to operate, • testing of RAS/SPS, and maintenance of any non-protection system components used. 	<p>Initial Ballot</p> <p>Comments Close</p>	<p>9/25/15 – 10/5/15</p> <p>10/5/15</p>

Standards	Project	Activity	Due Date
IRO-018-1 TOP-010-1	<p>Project 2009-02: Real-time Reliability Monitoring and Analysis Capabilities</p> <p>Purpose: To establish requirements for Real-time monitoring and analysis capabilities used by System Operators for reliable System operations.</p> <p>Drivers for the Project:</p> <ol style="list-style-type: none"> 1. Lack of situational awareness as identified in 2003 Blackout Report 2. Real-Time Tools Survey Analysis and Recommendations report produced by NERC OC formed Real-time Tools Best Practices Task Force 3. Weaknesses in Real-time situational awareness identified in 2011 Southwest Outage Report 4. FERC Order 693 directives for further improving TOP and IRO standards <p>First drafts of two new standards, IRO-018-1 – Reliability Coordinator Real-time Monitoring and Analysis Capabilities, applicable to RCs, and TOP-010-1 – Real-time Reliability Monitoring and Analysis Capabilities, applicable to TOPs and BAs, posted for comment.</p> <p>Standard Authorization Request (SAR) and SAR Justification White Paper also posted for reference</p>	<p>Initial Ballot</p> <p>Comments Close</p>	<p>10/30/15-11/09/15</p> <p>11/09/15</p>



Standards	Project	Activity	Due Date
BAL-004-0 to be retired	Project 2010-14.2.2: Phase 2 of Balancing Authority Reliability-based Controls (BARC 2) – BAL-004-2	Initial Ballot	11/3/15- 11/12/15
	<p>Purpose: BARC 2 Periodic Review Team (PRT) was established to conduct periodic reviews on BAL standards. As part of periodic reviews, BARC 2 PRT assessed whether BAL-004-0 should be affirmed, revised, or retired.</p>	Comments Close	11/12/15
	<p>BARC 2 PRT’s extensive review determined that BAL-004-0 should be retired and that manual Time Error Correction (TEC) should be eliminated as a continent-wide NERC requirement.</p>		
	<p>The SDT reviewed BARC 2 PRT’s findings and posted a survey for comment August 12-25, 2015 to gain industry’s feedback on manual TEC elimination. Survey responses indicated support of manual TEC retirement.</p>		



NERC Standards Under Development

Standards	Project	Activity	Due Date
COM-001-3	Project 2015-07: Internal Communications Capabilities	Initial Ballot	11/6/15-11/6/15
	<p>Purpose: Address directive from FERC Order No. 808 to modify COM-001-2 or develop a new standard to address “internal communications capabilities that could involve the issuance or receipt of Operating Instructions or other communications that could have an impact on reliability”</p>	Comments Close	11/16/15
	<p>First draft of COM-001-3 posted for comment. The SDT revised COM-001-2 to address FERC directives mentioned above. Added two requirements, R12, applicable to RC, BA, TOP, and GOP, and R13, applicable to DP.</p>		

- October 1, 2015
 - CIP-014-1- Physical Security
 - COM-001-2 - Communications
 - PRC-006-2 - Automatic Underfrequency Load Shedding
- January 1, 2016
 - FAC-001-2 - Facility Interconnection Requirements
 - FAC-002-2 - Facility Interconnection Studies
 - NUC-001-3 - Nuclear Plant Interface Coordination
- April 1, 2016
 - PRC-005-3 - Protection System and Automatic Reclosing Maintenance
 - PRC-005-3(i) - Protection System and Automatic Reclosing Maintenance (w/disp gen)

➤ July 1, 2016

- BAL-001-2 - Real Power Balancing Control Performance
- 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
- MOD-031-1 - Demand and Energy Data
- PER-005-2 - Operations Personnel Training
- PRC-004-4 – Protection System Misoperation Identification and Correction;
- PRC-019-1 - Coord of Gen Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
- [PRC-019-2 – Coord of Gen Unit or Plant Capabilities, Voltage Regulating Controls, and Protection](#)
- PRC-024-1 - Generator Frequency and Voltage Protective Relay Settings
- [PRC-024-2 – Generator Frequency and Voltage Protective Relay Settings](#)

➤ July 1, 2017

- MOD-033-1 - Steady-State and Dynamic System Model Validation

