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Name

Program: **Standards Development** (16)

Priority: **Normal** (7)

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| <input type="checkbox"/> Project 2006-06 Reliability Coordination
Description: To ensure that the reliability-related requirements applicable to the Reliability Coordinator are clear, measurable, unique and enforceable; and to ensure that this set of requirements is sufficient to maintain reliability of the Bulk Electric System. | Leadership: Mike Hardy (SoCo)
NERC Staff: Scott Barfield-McGinnis
SAR Date: 12/16/06
Team Assembly: 6/5/07
Target Finish: 1/24/12
Forecast Finish: 6/29/12
SPM Step: Successive Ballot
Related Standards: COM-001, IRO-016, IRO-015, IRO-002, IRO-014, IRO-001, COM-002, IRO-003, IRO-005
Last Update: 1/30/12 | Status: First set of standards: The industry approved IRO-002, IRO-005, and IRO-014 on July 25, 2012. The BOT approved the standards at their August 4, 2012 meeting.

Currently, the coordinator is also continuing to work with NERC Legal staff regarding the filing for these BOT approved standards in this project. Discussion is on-going regarding the timing of the filing due to coordination with the RTOSDT and OPCPSDT. Filing may be delayed until the RTOSDT set of standards is approved by the BOT and is ready to file.

Next steps is the NERC staff meeting on 1/31 to discuss the issues regarding the filing.

Second set of standards: The QRAWG/SEEC approved posting the second set of standards (i.e., COM-001, COM-002, and IRO-001) for successive ballot on a conference call on December 27th.

Currently, the second set of three standards were posted for a 30-day industry comment which started on January 9, 2012. A successive ballot is being conducted in the last 10 days of the comment period ending on February 8, 2012. The project is about three weeks behind and the coordinator has reached out to the chair to see if the team can reconsider moving the next meeting into February in order to get back on schedule.

Next steps, the coordinator and chair have an arranged team meeting to develop the consideration of comments to March 8, 2012 in Tampa, FL at the FRCC office. |
| <input type="checkbox"/> Project 2007-03: Real-time Operations
Description: Clarify requirements for real-time operations of the Bulk Electric System in the cited standards. Consider stakeholder comments received during the initial development of the standards and other comments received from ERO and regulatory authorities | Leadership: Jim Case, Entergy
NERC Staff: Edward Dobrowski
SAR Date: 4/16/07
Team Assembly: 12/11/07
Target Finish: 3/21/12
Forecast Finish: 5/2/12
SPM Step: Successive Ballot
Related Standards: TOP-004, TOP-005, TOP-006, PER-001, TOP-007, TOP-001, TOP-002, TOP-003, TOP-008
Last Update: 1/29/12 | Status: Ballot closed on January 19, 2012. TOP-001 did not pass ballot but TOP-002 & -003 did. SDT meeting week of January 30th to develop response to comments and decide on course of action moving forward. Same SDT also working on rapid development process for TOP-006 interpretation for FMPP. This project is behind schedule due to the length of time it took to reconcile QR comments for the last posting and a management decision to postpone the last posting due to the amount of projects out for comment/ballot. Every attempt will be made to pick up time on this iteration but with TOP-001 not passing ballot this project is not going to regain any time and will in fact fall further behind schedule if TOP-001 has to go to a successive ballot again. |
| <input type="checkbox"/> Project 2007-09 Generator Verification
Description: Requires upgrading existing requirements for generators to verify their capabilities to ensure that accurate data is used in model to assess the bulk electric system. | Leadership: Lee Taylor
Ken Stenroos
Dave Kral
NERC Staff: Stephen Crutchfield
SAR Date: 4/3/07
Team Assembly: 9/12/07
Target Finish: 10/19/12
Forecast Finish: 1/25/13
SPM Step: Quality Review
Related Standards: PRC-024, MOD-027, MOD-025, MOD-026, MOD-024, PRC-019 | Status: MOD-025, MOD-07 and PRC-019: The standards were posted for a 30-day formal comment period from June 15 - July 15, 2011. The team has met twice to develop responses to comments and develop revisions to the standards. The team submitted the proposed revisions for QR in November and received QR feedback in December. The team is responding to the QR comments and has re-submitted PRC-019 to QR for posting. The team anticipates returning completed QR responses for MOD-025 and MOD-027 by February 3.

MOD-026 and PRC-024: The standards were posted for initial ballot June 15 - August 1, 2011. The team has met twice to develop responses to comments and develop revisions to the standards. The team submitted the proposed revisions for QR in November and received QR feedback in December. The team anticipates returning completed QR responses for MOD-026 and PRC-024 by February 3. |

Last Update: 1/27/12

A coordination issue with RFC standards MOD-024 and MOD-025 is being addressed. RFC is withholding filing of their MOD-024 and MOD-025 standards until the continent-wide standard MOD-025 is approved. They will then evaluate whether the continent-wide standard meets their needs.

<input type="checkbox"/> Project 2010-07: Generator Requirements at the Transmission Interface Description: The proposed changes to the requirements and the addition of new requirements will add significant clarity to Generator Owners and Generator Operators regarding their reliability standard obligations at the interface with the interconnected grid.	Leadership: Louis Slade (Dominion) NERC Staff: Mallory Huggins SAR Date: 1/15/10 Team Assembly: 6/16/10 Target Finish: 1/25/13 Forecast Finish: 7/16/12 SPM Step: Board Review Related Standards: PRC-004, FAC-001, FAC-003 Last Update: 1/30/12	Status: The SDT posted FAC-001-1, FAC-003-X, FAC-003-3, and PRC-004-2.1 for recirculation ballot on December 14 (through December 23). On December 14, the SDT also posted its consideration of comments form and an updated technical justification document. All four standards were approved by the industry with at least an 85% approval rating. NERC will present FAC-001-1 and PRC-004-2.1 for Board of Trustees adoption in February. FAC-003-3 will no longer be presented to the BOT pending a Level 1 Appeal submitted with respect to FAC-003-X/FAC-003-3. Because the nonbinding poll for VSLs and VRFs for FAC-001-1 (the only VSLs and VRFs that were substantively changed) was not included in the recirculation ballot for the standards, a separate nonbinding poll will be conducted from January 4-13, 2012 for the VSLs and VRFs for FAC-001-1. During its standard review, the SDT determined that PRC-005 also needs a slight change similar to the change made to PRC-004. The team will prepare those PRC-005 changes and post them for a concurrent comment and ballot period. Because differences remain with respect to the standards modified by the SDT and the standards cited in the NERC draft directive related to the gap at the generator interconnection Facility, the SDT held a meeting with NERC legal and compliance staff to facilitate some discussion on the issue. No major decisions were made, though NERC compliance staff did clarify some justification that was absent in the (now on hold) draft directive. The SDT is considering what it learned in the GOTO coordination meeting and will determine next steps after it has a chance to regroup.
<input type="checkbox"/> Project 2010-INT-01 TOP-006-2 for FMPP Description: Florida Municipal Power Pool (FMPP) is seeking clarification as to whether the Balancing Authority is responsible for reporting generation resources available for use and the Transmission Operator is responsible for reporting transmission resources that are available for use. They are also seeking clarification as to whether "appropriate technical information concerning protective relays" refers to protective relays for which the entity has responsibility.	Leadership: NERC Staff: Edward Dobrowolski SAR Date: Team Assembly: Target Finish: Forecast Finish: 7/25/12 SPM Step: Initial Ballot Related Standards: TOP-006 Last Update: 1/25/12	Status: Approved by SC for Rapid Revision, Jan 12, 2012
<input type="checkbox"/> Project 2011-INT-01 Interpretation of MOD-028 for Florida Power & Light Company Description: By using the words "on-peak", "off-peak", and "intra-day" this requirement implies there would have to be separate TTC numbers for different portions of the current day. However, R5 of MOD28 establishes the calculation frequencies and only requires an update to TTC once within the 7 days prior to the specified period where they are used in an ATC calculation. The clarification needed is on the ATC Drafting Team's intent with respect to the quantity and timing of individual TTC calculations needed for use in the ATC calculations.	Leadership: NERC Staff: Andy Rodriguez SAR Date: Team Assembly: Target Finish: Forecast Finish: 4/2/12 SPM Step: Board Review Related Standards: MOD-028 Last Update: 1/26/12	Status: Rapid Revision Pilot Recirc Ballot completed. Quorum: 90.10%, Approval: 92.49%. Documents are being prepared for February Board of Trustees meeting.
<input type="checkbox"/> Project 2011-INT-02 Interpretation of VAR-002 for Constellation Power Gen Description: Asks for clarification of whether a GOP must communicate to a TOP that a generator is in manual mode (no AVR) during start up or shut down.	Leadership: NERC Staff: Stephen Crutchfield SAR Date: Team Assembly: Target Finish: Forecast Finish: 6/25/12 SPM Step: New Related Standards: Last Update: 1/30/12	Status: Approved by SC for Rapid Revision, Jan 12, 2012. The drafting team held a conference call on January 19th to discuss the request and to propose revised language for the standard. The draft SAR and standard were submitted for QR on January 24. QR suggested an edit to the the revision that the team is considering.
Priority: High (9)		
<input type="checkbox"/> Project 2007-02 Operating Personnel Communication Protocols	Leadership: Lloyd Snyder	Status: What and when was you last major accomplishment or event?

Description: Requires developing new requirements in support of blackout recommendation #26 to ensure that real-time system operators use standard communication protocols during normal and emergency operations.

NERC Staff: Joseph Krisiak
SAR Date: 3/1/07
Team Assembly: 5/10/07
Target Finish: 11/28/12
Forecast Finish: 2/8/13
SPM Step: Quality Review
Related Standards: A_NEW_STANDAR
Last Update: 1/30/12

What have you done since then?
 What are you doing now? = QRPrep
 What are you doing going forward? = Standard format rewrite
 If your project is behind schedule, what are you doing to get it back on track? Webinar to educate industry to avoid successive ballot
 What and when is your next major accomplishment or event?
 SDT meeting for format approval 01-30-12 // QR approval Feb - Mar 2012

- [Project 2007-06 System Protection Coordination](#)
Description: Address applicability issues and upgrade existing requirements to remove ambiguity, and ensure that there is coordination of protection and control systems that connect more than one functional entity.

Leadership: Philip Winston, Southern Company
NERC Staff: Al McMeekin
SAR Date: 5/7/07
Team Assembly: 10/11/07
Target Finish: 1/21/13
Forecast Finish: 3/20/13
SPM Step: Standard Drafting
Related Standards: PRC-001
Last Update: 1/28/12

Status: Quality Review returned the documents on Thursday, January 19, 2012. The feedback from the QR team was substantial and will require many changes to the standard. NERC staff developed a new draft version of the standard on Friday, January 20, 2012 and Al McMeekin forwarded it to the SDT chair, Phil Winson. To expedite the process, Phil Winston, Sam Francis, Forrest Brock, and Al McMeekin met Tuesday evening and reviewed the revised version of the draft standard. Phil Winston has asked the vice chair, Bill Middaugh to lead a 'tiger' team of 3 to 4 members of the SDT to take a first pass at writing the new requirements and measures based on the NERC staff revisions. Phil Winston would like to hold a face to face meeting in late March and early April. This is obviously a setback to the project's schedule; Phil Winston and Al McMeekin will work to minimize the delay as much as possible. Al McMeekin and Phil Winston will develop responses to the QR comments beginning the week of January 30, 2012.

- [Project 2007-12 Frequency Response](#)
Description: Project 2007-12 Frequency Response and Frequency Bias - Develop a minimum Frequency Response needed for reliable operation and a consistent method for calculating the Frequency Bias Setting.

Leadership: Dave Lemmons - Excel - (Chair)
 Terry Bilke - MISO (Vice-chair)
NERC Staff: Darrel Richardson
SAR Date: 4/7/04
Team Assembly: 8/13/07
Target Finish: 5/29/12
Forecast Finish: 5/30/12
SPM Step: Analysis of Cmts or FT
Related Standards: BAL-003
Last Update: 1/30/12

Status: The SDT received data from approximately 50 BAs. The SDT created sub-teams to provide an analysis of the data for the team to consider in the determination of FRM.

The comment period and initial ballot end on December 9, 2011. The Ballot failed. The SDT has responded to comments received from the comment/ballot period.

The SDT has sent the revised proposed standard and associated document to Quality Review. The SDT has conference calls (tentative) set for Monday, Wednesday and Friday during the week of February 6, 2012 to address comments from the Quality Review. The SDT also has face-to-face meetings set for the last two weeks of March to address comments received from the 3rd posting and second "initial" ballot.

- [Project 2007-17 Protection System Maintenance and Testing](#)
Description: Transmission and Generation Protection System Maintenance and Testing, to consolidate PRC-005-1, PRC-008-0 — Underfrequency Load Shedding Equipment Maintenance Programs; PRC-011-0 — UVLS System Maintenance and Testing; and PRC-017-0 — Special Protection System Maintenance and Testing into a single maintenance and testing standard. Standards PRC-008-0, PRC-011-0, and PRC-017-0 would then be withdrawn.

Leadership: Charles W. Rogers, Consumers Energy
NERC Staff: Al McMeekin
SAR Date: 5/7/07
Team Assembly: 10/11/07
Target Finish: 4/12/12
Forecast Finish: 7/6/12
SPM Step: Analysis of Cmts or FT
Related Standards: PRC-011, PRC-005, PRC-008, PRC-017
Last Update: 1/28/12

Status: The SDT posted the standard for 45-day formal comment from August 15, 2011 through September 29, 2011. Since then, the team has met regularly to respond to comments and make modifications to the standard and associated documents. The team completed this work January 27, 2012, and Al McMeekin is preparing the documents for peer review and Quality Review; this will be completed by Friday, February 3, 2012. The project is behind schedule but we are gaining on it. Because the initial ballot failed, we are preparing for a successive ballot period; however, the team has begun and will continue preparation of the FERC filing documents. The SDT expects to post the standards for 30-day comment and successive ballot in early March, 2012.

- [Project 2008-06 Cyber Security Order 706](#)
Description: The second phase (Phase 2) of Project 2008-06 Cyber Security Order 706 will require the SDT to propose modifications not included in Phase 1 of the project to bring the following standards into conformance with the ERO Rules of Procedure and to address the directives from FERC Order 706:
 CIP-002-2 Critical Cyber Asset Identification
 CIP-003-2 Security Management Controls
 CIP-004-2 Personnel & Training
 CIP-005-2 Electronic Security Perimeter(s)
 CIP-006-2 Physical Security of Critical Cyber Assets
 CIP-007-2 Systems Security Management
 CIP-008-2 Incident Reporting and Response Planning
 CIP-009-2 Recovery Plans for Critical Cyber Assets

Leadership: John Lim (Consolidated Edison Co. of New York)
 Philip Huff (Arkansas Electric Cooperative Corporation)
NERC Staff: Steven Noess
SAR Date: 3/1/08
Team Assembly: 8/8/08
Target Finish: 7/25/12
Forecast Finish: 8/10/12
SPM Step: Successive Ballot
Related Standards: CIP-011, CIP-002, CIP-010, CIP-003, CIP-004, CIP-005, CIP-006, CIP-007, CIP-008, CIP-009
Last Update: 1/29/12

Status: The SDT continues its work on developing version 5 of CIP-002 through CIP-011 in response to FERC Order 706. This team will also address items related to remote access vulnerabilities (transferred for the previous expedited project). The Version 5 CIP standards were posted for a 60 day formal comment period on November 7, 2011, with a 20 day parallel ballot ending January 6, 2012. All Ballots received over 90% quorums, and approvals were in the 20s and 30s for all ballots except the implementation plan, which was in the low 40s. The team is working on responding to significant, but constructive comments. They met in Taylor, TX from January 24-26, and they will meet again in Phoenix, AZ from February 21 through February 24, 2012. On schedule to submit documents to QR on February 27, 2012, and post for successive ballot at the end of March 2012. The project is slightly behind schedule as a result of SC decision to extend ballot and comment period to Jan 6, 2012, but the team is working meet originally-planned successive ballot date, which will put the project back on schedule.

- [Project 2009-01 Disturbance and Sabotage Reporting](#)
Description: Project 2009-01 Disturbance and Sabotage Reporting - This project will entail revision to the following existing standards:
 •CIP-001-1 – Sabotage Reporting
 •EOP-004-1 – Disturbance Reporting

Leadership: Chair - Brian Evans-Mongeon (Util. Svcs.)
 Vice-Chair - Joseph DePoorter (MGE)
NERC Staff: Stephen Crutchfield
SAR Date: 4/2/09
Team Assembly: 11/12/09

Status: The proposed EOP-004-2 was posted for initial ballot October 28 December 12, 2011. The team received the comments on December 27th and held a conference call on January 5, 2012 to discuss the comments and propose a work plan. The team met January 25-27, 2012 and developed revised standard and preliminary responses to comments. The team will spend the next two weeks refining the response to comments and developing all of the associated documents to submit for QR. The team has a meeting

Stakeholders have indicated that identifying potential acts of "sabotage" is difficult to do in real time, and additional clarity is needed to identify thresholds for reporting potential acts of sabotage in CIP-001-1. Stakeholders have also reported that EOP-004-1 has some requirements that reference out-of-date Department of Energy forms, making the requirements ambiguous. EOP-004-1 also has some 'fill-in-the-blank' components to eliminate.

The project will include addressing previously identified stakeholder concerns and FERC directives; will bring the standards into conformance with the latest approved version of the ERO Rules of Procedure; and may include other improvements to the standards deemed appropriate by the drafting team, with the consensus of stakeholders, consistent with establishing high quality, enforceable and technically sufficient bulk power system reliability standards.

Target Finish: 2/2/12
Forecast Finish: 6/8/12
SPM Step: Analysis of Cmts or FT
Related Standards: EOP-004, CIP-001, CIP-008
Last Update: 1/27/12

scheduled with FERC staff on February 13 to ensure that there are no concerns from staff. The next posting will be for a 30-day comment period and successive ballot.

- [Project 2010-05.1 Phase 1 of Protection Systems: Misoperations](#)
Description: A key element for Bulk Electric System (BES) reliability is the correct performance of Protection Systems. Monitoring BES Protection System events, as well as identifying and correcting the root causes of Misoperations, will improve Protection System performance.
- Leadership:** Mark Kuras, PJM
NERC Staff: Al McMeekin
SAR Date: 6/9/11
Team Assembly: 6/22/11
Target Finish: 9/4/12
Forecast Finish: 9/11/12
SPM Step: Analysis of Cmts or FT
Related Standards: PRC-004, PRC-004-WECC, PRC-003
Last Update: 1/28/12
- Status:** The team met January 10-12, 2012 to continue developing the draft standard. The team continues to refine the requirements and consequently adjust the measures, VSLs, technical justification, as well as the responses to comments from the first posting. One issue that must be addressed by NERC and FERC staff regards the method of collecting Misoperations data. NERC staff will provide the team direction on this issue before the next scheduled meeting on February 7th . This team is meeting twice in February to stay on track for delivering the documents to Quality Review in late March.
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- [Project 2010-14.1 Balancing Authority Reliability-based Controls - Reserves](#)
Description: Revise BAL-001-0.1a, BAL-002-1 and develop BAL-012-1 & BAL-013-1
- Leadership:** Larry Akens - TVA (Chair)
Glenn Stephens - Santee Cooper (Vice-chair)
NERC Staff: Darrel Richardson
SAR Date: 5/3/07
Team Assembly: 12/11/07
Target Finish: 2/14/13
Forecast Finish: 4/25/13
SPM Step: Quality Review
Related Standards: BAL-001, A_NEW_STANDARD, BAL-002
Last Update: 1/30/12
- Status:** The Standards have been received from Quality Review. The SDT has developed their responses to the Quality Review. The SDT will be sending their responses back to the Quality Review during the week of January 30, 2012.
- The SDT will be scheduling meetings to address comments received from the first posting once the proposed standards are posted.
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- [Project 2010-17 Definition of BES](#)
Description: Revise the definition of Bulk Electric System (BES), including specific inclusions and exclusions, to address the Federal Energy Regulatory Commission's (FERC) concerns as identified in FERC Order 693 issued on March 16, 2007 and directives in FERC Order 743 issued on November 18, 2010. The definition encompasses all Elements necessary for the reliable operation and planning of the interconnected transmission network. Identify what evidence will be needed to support a request for an exception to the new definition of BES.
- Leadership:** Pete Heidrich, FRCC = Chair
Barry Lawson, NRECA = Vice Chair
NERC Staff: Edward Dobrowolski
SAR Date: 12/6/10
Team Assembly: 1/13/11
Target Finish: 2/8/12
Forecast Finish: 1/25/12
SPM Step: Board Review
Related Standards: DEFINITION_ONLY, TBD
Last Update: 1/28/12
- Status:** Filed with FERC on 1/25/12.

16 Results