

Standards Announcement

Project 2007-17 – Protection System Maintenance & Testing

Formal Comment Period Open: May 29 – June 27, 2012

Upcoming:

Successive Ballot June 18 – 27, 2012

Now Available

A formal comment period for PRC-005-2 – Protection System Maintenance is open through **8 p.m. Eastern on Wednesday, June 27, 2012**. Documents for this project are posted on the [project's webpage](#).

The drafting team has made clarifying changes to definitions and the Applicability section of the standard, minor revisions to the VSLs, and changes to several Tables. Several activities within Table 1-4a, Table 1-4b, Table 1-4c, Table 1-4d, and Table 1-4f, relating to verification that the station battery can perform properly, were modified with the assistance of representatives of the IEEE Stationary Battery Committee. A copy of the letter and report these representatives sent to the team, and the drafting team's response have been posted on the project page. In addition, adjustments were made to *Table 1-2 Component Type: Communications Systems* in response to stakeholder comments.

Note that PRC-005-2 reflects the merging of the following standards into a single standard, making it impractical to post a redline of proposed PRC-005-2 that shows the changes to the last approved version of the standard:

- PRC-005-1 — Transmission and Generation Protection System Maintenance and Testing
- PRC-008-0 — Underfrequency Load Shedding Equipment Maintenance Program
- PRC-011-0 — UVLS System Maintenance and Testing
- PRC-017-0 — Special Protection System Maintenance and Testing

The last approved versions of PRC-005-1, PRC-008-0, PRC-011-0, and PRC-017-0 have been posted on the [project's web page](#) for easy reference.

The drafting team has also posted a draft SAR to address modifications to PRC-005-2 required by FERC in Order No. 758. In this order, FERC approved an interpretation of PRC-005-1 but directed further revisions to PRC-005 to address "...maintenance and testing of reclosing relays that can affect the reliable operation of the Bulk-Power System, as discussed above, within these reinitiated efforts to revise Reliability Standard PRC-005." The team has proposed that this directive be addressed in a second phase of Project 2007-17, and the Standards Committee directed the drafting team to post the

draft SAR for information and defer activity in modifying PRC-005-2 to address the [Order 758](#) directive until the current modifications to PRC-005-2 have completed recirculation ballot.

Instructions for Commenting

Please use this [electronic form](#) to submit comments. If you experience any difficulties in using the electronic form, please contact Monica Benson at monica.benson@nerc.net. An off-line, unofficial copy of the comment form is posted on the [project page](#).

Commenters and voters **must** submit comments through the [electronic comment form](#). Due to modifications to NERC's balloting software, voters are no longer able to submit comments via the balloting software.

Next Steps

A successive ballot of the standard will be conducted beginning on Monday, June 18, 2012 through 8 p.m. Eastern on Wednesday, June 27, 2012.

Background

The proposed PRC-005-2 – Protection System Maintenance standard addresses FERC directives from FERC Order 693, as well as issues identified by stakeholders. In accordance with the FERC directives, this draft standard establishes requirements for a time-based maintenance program, where all relevant devices are maintained according to prescribed maximum intervals. It further establishes requirements for a condition-based maintenance program, where the hands-on maintenance intervals are adjusted to reflect the known and reported condition of the relevant devices. For a performance-based maintenance program, it ascertains where the hands-on maintenance intervals are adjusted to reflect the historical performance of the relevant devices.

Standards Development Process

The [Standards Processes Manual](#) contains all the procedures governing the standards development process. The success of the NERC standards development process depends on stakeholder participation. We extend our thanks to all those who participate.

*For more information or assistance, please contact Monica Benson,
Standards Process Administrator, at monica.benson@nerc.net or at 404-446-2560.*

North American Electric Reliability Corporation
3353 Peachtree Rd, NE
Suite 600, North Tower
Atlanta, GA 30326
404-446-2560 | www.nerc.com