



NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Standards Announcement

Project 2007-09 Generator Verification

Two Initial Ballots and

Two Non-Binding Polls of VRFs and VSLs

Ballot Windows Open July 22 through August 1, 2011

Now available at: <https://standards.nerc.net/CurrentBallots.aspx>

Initial ballots of two standards, MOD-026-1 – Verification of Models and Data for Generator Excitation System Functions, and PRC-024-1 – Generator Performance During Frequency & Voltage Excursions, and concurrent, non-binding polls of the associated VRFs and VSLs are open Friday, July 22, 2011 through **8 p.m. Eastern on Monday, August 1, 2011.**

Clean versions of the standards and associated implementation plans, along with redlines showing changes made since the last posting, have been posted at the project webpage at:

<http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>.

Instructions for Casting Ballots and Opinions in Non-binding Polls

Members of the ballot pool associated with this project may log in and submit their votes for each standard and each non-binding poll of VRFs and VSLs (a total of four separate votes) from the following page:

<https://standards.nerc.net/CurrentBallots.aspx>.

Special Instructions for Submitting Comments with a Ballot

Comments submitted with ballots are extremely valuable to help the drafting team revise its work. In an effort to reduce the burden on stakeholders providing comments, the drafting requests that all comments (both those submitted with a ballot and those submitted by stakeholders not balloting) be submitted through the [electronic comment form](#). This will ensure that stakeholders only provide a single set of comments, but have an opportunity to notify the drafting team if they have provided comments.

When submitting a ballot with comments, submit the comments through the electronic form and then simply record a “comments submitted” in the comments field of the ballot to indicate that comments were submitted.

Please note that comments submitted during the formal comment period, the ballot for the standard, and the non-binding poll for the VRFs and VSLs all use the same electronic form, and it is NOT necessary for ballot pool members to submit more than one set of comments (one during the comment period; a second with a ballot; a third with a non-binding poll).

Next Steps

The drafting team will consider all comments received, and decide whether to make additional revisions to the standards.

Background

The purpose of Project 2007-09 - Generator Verification is to ensure that: 1) generators will not trip off-line during specified voltage and frequency excursions or as a result of improper coordination between generator protective relays and generator voltage regulator controls and limit functions (such coordination will include the generating unit's capabilities); and 2) that generator models accurately reflect the generator's capabilities and operating characteristics.

The standard drafting team (SDT) for Project 2007-09 Generator Verification based its work on two existing NERC Board approved standards, MOD-024-1 — Verification of Generator Gross and Net Real Power Capability and MOD-025-1 — Verification of Generator Gross and Net Reactive Power Capability. The drafting team has recently moved the Requirements of MOD-024-1 into MOD-025-2 and recommends retiring MOD-024-1.

The drafting team has also based its work on four draft standards developed by the Phase III & IV SDT that were field tested by four Regions from mid 2006 through mid 2007:

- PRC-019-1 — Coordination of Generator Voltage Regulator Controls with Unit Capabilities and Protection
- PRC-024-1 — Generator Performance During Frequency and Voltage Excursions
- MOD-026-1 — Verification of Models and Data for Generator Excitation Control System Functions
- MOD-027-1 — Verification of Generator Unit Frequency Response

Additional details are available on the project web page at: <http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>.

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