

Standards Announcement

Project 2007-09 Generator Verification

Results of Two Initial Ballots and Non-binding Polls

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

Initial ballots of two standards, MOD-026-1 – Verification of Models and Data for Generator Excitation System Functions, and PRC-024-1– Generator Frequency and Voltage Protective Relay Settings, and concurrent, nonbinding polls of the associated VRFs and VSLs concluded on Monday, August 1, 2011.

Ballot Results for MOD-026-1 and PRC-024-1

Initial ballots of MOD-026-1 – Verification of Models and Data for Generator Excitation Control System Functions, and PRC-024-1– Generator Performance During Frequency and Voltage Excursions and non-binding polls of the VRFs and VSLs associated with each standard concluded on Monday, August 1, 2011.

Voting statistics for each standard are listed in the table below, and the [Ballot Results](#) Web page provides a link to the detailed results.

Standard	Ballot Results	Non-binding Poll Results
MOD-026-1 – Verification of Models and Data for Generator Excitation System Functions	Quorum: 89.94% Approval: 47.24 %	88.75% of those who registered to participate provided an opinion or abstention; 56% of those who provided an opinion indicated support for the VRFs and VSLs
PRC-024-1– Generator Performance During Frequency and Voltage Excursions	Quorum: 90.51% Approval: 18.50%	88.35% of those who registered to participate provided an opinion or abstention; 20.79% of those who provided an opinion indicated support for the VRFs and VSLs

Next Steps

The drafting team will consider all comments received (those submitted with a comment form, and make revisions to the standards. If substantive changes are made to the standards, the team will submit its documents for a quality review.

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>.

*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
116-390 Village Blvd.
Princeton, NJ 08540
609.452.8060 | www.nerc.com