

Standards Announcement

Project 2007-09 – Generator Verification

Successive Ballots and Non-Binding Polls open through 8 p.m. Monday, October 29, 2012

Now Available

Successive ballots are open for the following standards through **8 p.m. Eastern on Monday, October 29, 2012**:

- Draft 3 of **MOD-025-2** – Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability,
- **MOD-027-1** – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions,
- **PRC-019-1** – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection,
- Draft 4 of **MOD-026-1** – Verification of Models and Data for Generator Excitation Control Systems Functions and Plant Volt/Var Control Functions, and
- **PRC-024-1** – Generator Performance During Frequency and Voltage Excursions

Instructions

Members of the ballot pools associated with this project may log in and submit their votes for the Standards and opinions in the non-binding polls of the associated VRFs and VSLs by clicking [here](#).

Please read carefully: All stakeholders with comments (both members of the ballot pool as well as other stakeholders, including groups such as trade associations and committees) must submit comments through the electronic comment form links shown below. During the ballot window, balloters who wish to submit comments with their ballot *may no longer enter comments on the balloting screen*, but may still enter the comments through the electronic comment form. **Balloters who wish to express support for comments submitted by another entity or group will have an opportunity to enter that information and are not required to answer any other questions.**

- [MOD-025-2 ballot](#)
- [MOD-027-1 ballot](#)
- [PRC-019-1 ballot](#)
- [MOD-026-1 ballot](#)
- [PRC-024-2 ballot](#)

Next Steps

The drafting team will consider all comments received during the formal comment period and successive ballot and, if needed, make revisions to the standards. If the comments do not show the need for significant revisions, the standard will proceed to a recirculation ballot.

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 part of 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 moved the Requirements of MOD-024-1 into MOD-025-2, and recommends retiring MOD-024-1 and incorporated industry comments to make improvements to the standards.

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

These standards were revised and posted for subsequent comment periods. The drafting team incorporated industry feedback to improve the standards and has posted them for a concurrent comment and ballot period.

Additional information is available on the [project page](#).

Standards Process

The [Standard 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,
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