

Standards Announcement

Project 2007-09 Generator Verification – MOD-025-2, MOD-026-1, MOD-027-1 and PRC-019-1

Recirculation Ballots are now open through 8 p.m. Friday, December 21, 2012

[Now Available](#)

A recirculation ballot window for each of the following four standards and the associated implementation plans is now open through **8 p.m. Eastern on Friday, December 21, 2012:**

- **MOD-025-2** – Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability (**please note that the implementation plan for this standard retires MOD-024-1 in addition to MOD-025-1**),
- **MOD-026-1** – Verification of Models and Data for Generator Excitation Control Systems Functions and Plant Volt/Var Control Functions,
- **MOD-027-1** – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions, and
- **PRC-019-1** – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection.

After considering stakeholder comments from the formal comment period and successive ballot that ended on October 31, 2012, the drafting team made no substantive changes to the Requirements of the standards, but did make some clarifying changes as summarized in each of the Consideration of Comments posted on the project page.

The other standard in this project, PRC-024-1, has been posted for a 30-day comment period and successive ballot ending on January 11, 2013 and was sent in a separate announcement.

Instructions

In the recirculation ballot, votes are counted by exception. Only members of the ballot pool may cast a ballot; all ballot pool members may change their previously cast votes. A ballot pool member who failed to cast a ballot during the last ballot window may cast a ballot in the recirculation ballot window. If a ballot pool member does not participate in the recirculation ballot, that member's vote cast in the previous ballot will be carried over as that member's vote in the recirculation ballot.

Members of the ballot pools associated with this project may log in and submit their vote for each of the standards by clicking [here](#).

Next Steps

Voting results will be posted and announced after the ballot window closes. If approved, the standards will be submitted to the Board of Trustees for adoption and then filed with the appropriate regulatory authorities.

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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