

# Standards Announcement

## Project 2007-09 Generator Verification

**Formal Comment Period Now Open: September 28, 2012 – October 29, 2012**

**Upcoming:**

**Successive Ballots and Non-binding Polls: October 19 – October 29, 2012**

**Now Available**

A formal comment period for:

- 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

is open through **8 p.m. Eastern on Monday, October 29, 2012**. Successive ballots of all five Generator Verification standards and non-binding polls of the associated VRFs and VSLs will also be conducted during this period, beginning on **Friday, October 19, 2012** through **8 p.m. Eastern on Monday, October 29, 2012**.

**Instructions for Commenting**

A formal comment period for all five Generator Verification standards is open through **8 p.m. Eastern on Monday, October 29, 2012**.

Please use the links below to the electronic comment forms to submit comments:

[MOD-025-2](#)

[MOD-027-1](#)

[PRC-019-1](#)

[MOD-026-1](#)

[PRC-024-1](#)

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

**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 above. 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.**

During the pre-ballot window, members of the ballot pool may communicate with one another by using their “ballot pool list server.” (Once the balloting begins, ballot pool members are prohibited from using the ballot pool list servers.) The list servers for this project are:

- MOD-025-2 ballot [bp-2007-09\\_MOD-025-2\\_in@nerc.com](mailto:bp-2007-09_MOD-025-2_in@nerc.com)
- MOD-027-1 ballot [bp-2007-09\\_MOD-027-1\\_in@nerc.com](mailto:bp-2007-09_MOD-027-1_in@nerc.com)
- PRC-019-1 ballot [bp-2007-09\\_PRC-019-1\\_in@nerc.com](mailto:bp-2007-09_PRC-019-1_in@nerc.com)
- MOD-026-1 ballot [bp-2007-09\\_MOD-026-1\\_in@nerc.com](mailto:bp-2007-09_MOD-026-1_in@nerc.com)
- PRC-024-1 ballot [bp-2007-09\\_PRC-024-1\\_in@nerc.com](mailto:bp-2007-09_PRC-024-1_in@nerc.com)

### Next Steps

Successive ballots of all five Generator Verification standards and non-binding polls of the associated VRFs and VSLs will be conducted beginning on Friday October 19, 2012 through 8 p.m. Eastern on Monday, October 29, 2012.

### 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,  
Standards Process Administrator, at [monica.benson@nerc.net](mailto:monica.benson@nerc.net) or at 404-446-2560.*

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