

# Standards Announcement

Project 2007-09 Generator Verification

MOD-025-2, MOD-026-1, MOD-027-1 and PRC-019-1

Recirculation Ballots Results

## Now Available

A recirculation ballot for each of the following four standards and the associated implementation plans concluded at **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.

The other standard in this project, PRC-024-1, is currently posted for a 30-day comment period and successive ballot ending on January 11, 2013.

Voting statistics are listed below, and the [Ballot Results](#) page provides a link to the detailed results.

Standard	Approval
<b>MOD-025-2</b>	Quorum: 86.89% Approval: 73.06%
<b>MOD-026-1</b>	Quorum: 79.00% Approval: 79.36%
<b>MOD-027-1</b>	Quorum: 86.68% Approval: 74.27%

<b>PRC-019-1</b>	Quorum: 85.87%
	Approval: 73.63%

### Next Steps

The standards will be presented 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 Wendy Muller,  
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