

# Standards Announcement

## Project 2007-09 Generator Verification

### PRC-024-1

**Formal Comment Period: January 25, 2013 – February 25, 2013**

Upcoming:

Successive Ballot and Non-Binding Poll: February 15, 2013 – February 25, 2013

#### [Now Available](#)

A 30-day formal comment period is open for **PRC-024-1** – Generator Performance During Frequency and Voltage Excursions through **8 p.m. Eastern on Monday, February 25, 2013**.

A successive ballot of **PRC-024-1** and non-binding poll of the associated VRFs and VSLs will be conducted beginning on **Friday, February 15, 2013 through 8 p.m. Eastern on Monday, February 25, 2013**.

The remaining four standards (MOD-025-2, MOD-026-1, MOD-027-1 and PRC-019-1) in this project passed the recirculation ballot on December 21, 2012 and will be presented to the NERC Board of Trustees for adoption at its February meeting.

#### **Instructions for Commenting**

A formal comment period for **PRC-024-1** is open through **8 p.m. Eastern on Monday, February 25, 2013**. Please use this [electronic form](#) to submit comments. If you experience any difficulties in using the electronic form, 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](#).

#### **Next Steps**

A successive ballot of PRC-024-1 and non-binding poll of the associated VRFs and VSLs will be conducted from February 15, 2013 through February 25, 2013.

#### **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

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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