

# Standards Announcement

## Project 2007-09 Generator Verification

### PRC-024-1

**Formal Comment Period: December 12, 2012 – January 11, 2013**

Upcoming:

Successive Ballot and Non Binding Poll: January 2, 2013 – January 11, 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 Friday, January 11, 2013**.

A successive ballot of **PRC-024-1** and non-binding poll of the associated VRFs and VSLs will be conducted beginning on **Wednesday, January 2, 2013 through 8 p.m. Eastern on Friday, January 11, 2013**.

The remaining four standards in this project are being posted for recirculation ballots from December 12, 2012 through December 21, 2012. A separate announcement will be sent for these recirculation ballots.

#### **Instructions for Commenting**

A formal comment period for **PRC-024-1** is open through **8 p.m. Eastern on Friday, January 11, 2013**. Please use this [electronic form](#) to submit comments. If you experience any difficulties in using the electronic form, please contact Wendy Muller at [wendy.muller@nerc.net](mailto:wendy.muller@nerc.net). An off-line, unofficial copy of the comment form is posted on the [project page](#).

#### **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 standard. 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

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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