

# Standards Announcement

## Project 2007-09 Generator Verification

Two Ballot Windows Now Open Through March 29, 2012

### [Now Available](#)

Successive ballots of MOD-026-1 – Verification of Models and Data for Generator Excitation Control System Functions and Plant Volt/Var Control Functions and PRC-024-1 – Generator Performance During Frequency and Voltage Excursions, and non-binding polls of the associated VRFs and VSLs, are **open through 8 p.m. Eastern on Thursday, March 29, 2012.**

### **Instructions for Balloting**

Members of the ballot pools associated with this project may log in and submit their votes for the standards and opinions for the non-binding polls by clicking [here](#).

### **Special Instructions for Submitting Comments with a Ballot**

Please note that comments submitted during the formal comment period and the ballots for both standards all use the same electronic form. Therefore, it is NOT necessary for ballot pool members to submit more than one set of comments. Companies or entities with representatives in multiple segments of the ballot pool may submit a single set of comments by identifying themselves as a “group” on the comment form. Likewise, it is preferable for a group of separate entities that develop comments jointly to submit the comments as a “group.” The drafting team requests that all stakeholders (ballot pool members as well as other stakeholders) submit all comments through the electronic comment form, and that companies in multiple segments as well as individual entities that develop joint comments with other entities submit their comments as a “group.”

### **Next Steps**

The drafting team will consider all comments and determine what changes to make in response to stakeholder input from the comments.

### **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 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 has recently moved the Requirements of MOD-024-1 into MOD-025-2, and recommends retiring MOD-024-1.

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 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

Additional details are available on the [project webpage](#).

### 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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