

Standards Announcement

Project 2007-09 Generator Verification

Ballot Windows Open for Three Ballots and Three Non-Binding Polls -
April 6, 2012 through April 16, 2012

[Available April 6](#)

Initial ballots 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, and PRC-019-1 – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection, and non-binding polls of the associated VRFs and VSLs, are **open Friday, April 6 through 8 p.m. Eastern on Monday, April 16, 2012.**

Instructions for Balloting

Members of the ballot pools associated with this project may log in and submit their vote for the standards and opinion 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, the ballot and the non-binding polls 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,” with the list of group members and their associated Industry Segments.**

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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