

Standards Announcement

Project 2007-09 Generator Verification

Ballot Pool Windows Open: June 15 – July 15, 2011

Formal Comment Period Open (Two Standards): June 15 – August 1, 2011

Formal Comment Period Open (Three Standards): June 15 – July 15, 2011

Now available at: <http://www.nerc.com/filez/standards/http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>

The Generator Verification standard drafting team has posted five standards and their associated implementation plans for a formal comment period. Please read the following announcement carefully, because although the five standards are being posted together they are at different stages in the standards process and in order to facilitate moving forward those standards that reach consensus, the standards are being processed independently.

1. MOD-026-1 and PRC-024-1 Formal Comment Period and Ballot Pool Formation

Two of the standards, MOD-026-1 – Verification of Models and Data for Generator Excitation System Functions, and PRC-024-1 – Generator Frequency and Voltage Protective Relay Settings, are posted for a 45-day formal comment period through August 1, 2011. A ballot and non-binding poll of the associated VRFs and VSLs will be conducted for MOD-026-1 and PRC-024-1 beginning on July 22, 2011. Please note that **separate ballot pools are being formed for each standard and non-binding poll**, and the window to join the ballot pool for each standard and each non-binding poll is open through July 15, 2011.

Ballot Pools Open through 8 a.m. EST on July 15, 2011 for MOD-026-1 and PRC-024-1 Ballots and Non-binding Polls

The Standards Committee has authorized posting these standards and their associated implementation plans for a 45-day formal comment period with an initial ballot and concurrent non-binding poll conducted during the last 10 days of that comment period. A separate ballot pool is being formed for each standard and for each non-binding poll in order to allow Registered Ballot Body members to selectively join those ballot pools in which they have an interest. To register an opinion in the non-binding poll for either standard, you must join the ballot pool for that non-binding poll. Each of the four ballot pools will be open through 8 a.m. EST on July 15, 2011.

Instructions for Joining Ballot Pools for MOD-026-1 and PRC-024-1 Ballots and Non-binding Polls

Registered Ballot Body members may join each of the ballot pools to be eligible to vote in the upcoming ballots and non-binding polls at the following page: <https://standards.nerc.net/BallotPool.aspx>

During the pre-ballot window, members of the ballot pool may communicate with one another by using their “ballot pool list server.” (Once the balloting begins, ballot pool members are prohibited from using the ballot pool list servers.) The list servers for this project are:

- MOD-026-1 ballot bp-2007-09_MOD-026-1_in@nerc.com
- MOD-026-1 non-binding poll bp-2007-09_MOD-026-1_NB_in@nerc.com

- PRC-024-1 ballot bp-2007-09_PRC-024-1_in@nerc.com
- PRC-024-1 non-binding poll bp-2007-09_PRC-024-1_NB_in@nerc.com

Instructions for Commenting

Please use this [electronic form](#) to submit comments on MOD-026-1 and PRC-024-1. If you experience any difficulties in using the electronic form, please contact Monica Benson at monica.benson@nerc.net. An off-line, unofficial copy of the comment form is posted on the project page: <http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>.

2. MOD-025-2, MOD-027-1, and PRC-019-1 Formal Comment Period

Three additional standards have been posted for a 30-day formal comment period:

- MOD-025-2 – Verification of Generator Gross and Net Reactive Power Capability
- MOD-027-1 – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions
- PRC-019-1 – Coordination of Generating Unit or Plant Voltage Regulating Controls with Generating Unit or Plant Capabilities and Protection

Instructions for Commenting

Please use this [electronic form](#) to submit comments on MOD-025-2, MOD-027-1, and PRC-019-1. If you experience any difficulties in using the electronic form, please contact Monica Benson at monica.benson@nerc.net. An off-line, unofficial copy of the comment form is posted on the project page: <http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>.

Next Steps

Initial ballots of MOD-026-1 and PRC-024-1, and concurrent non-binding polls of the associated VRFs and VSLs, will begin on July 22, 2011 and end at 8 p.m. Eastern on Monday, August 1, 2011. Following the formal comment period for MOD-025-2, MOD-027-1, and PRC-019-1, the drafting team will consider all comments and determine whether to make changes to the standards, implementation plans, or associated VRFs and VSLs.

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
- MOD-027-1 — Verification of Generator Unit Frequency Response

Additional details are available on the project web page at <http://www.nerc.com/filez/standards/Generator-Verification-Project-2007-09.html>.

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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