

Standards Announcement

Project 2007-09 Generator Verification

Ballot Pool Windows Open – Three Ballots and Three Non-binding

Polls: Feb. 29 – Mar. 29, 2012

Two Formal Comment Periods Open:

MOD-026-1 & PRC-024-1 Feb. 29 – Mar. 29, 2012

PRC-019-1, MOD-025-2, & MOD-027-1 – Feb. 29 – Apr. 16, 2012

Ballot Windows Open – Two Ballots and Two Non-binding Polls:

(MOD-026-1 & PRC-024-1) March 19 – March 29, 2012

Ballot Windows Open – Three Ballots and Three Non-binding Polls:

PRC-019-1, MOD-025-2, & MOD-027-1) April 6 – April 16, 2012

[Now available](#)

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. In order to facilitate moving forward those standards that reach consensus, the standards are being balloted independently.

MOD-026-1 and PRC-024-1 Formal 30-day Comment Period, Successive Ballot and Non-binding Poll

Two standards, MOD-026-1 – Verification of Models and Data for Generator Excitation Control System Functions, and PRC-024-1 – Generator Performance During Frequency and Voltage Excursions, are posted for a 30-day formal comment period through March 29, 2012. A successive ballot and non-binding poll of the associated VRFs and VSLs will be conducted for MOD-026-1 and PRC-024-1 from March 19 through March 29, 2012. Please note that **separate ballot pools were formed for each standard and non-binding poll.**

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](#).

Please note that comments submitted with ballots will use the same form, and it is NOT necessary for ballot pool members to submit multiple separate sets of comments (one during the comment period and one with each ballot). Comments submitted with ballots are extremely valuable to help the drafting team revise its work. However, in an effort to reduce the burden on stakeholders providing comments, the drafting team requests that all comments (both those submitted with a ballot and those submitted by stakeholders not balloting) be submitted through the electronic form. This will ensure that stakeholders provide a single set of comments. Further instructions will be provided in the announcement that the ballot window is open.

MOD-025-2, MOD-027-1, and PRC-019-1 Formal 45-day Comment Period and Ballot Pool Formation

Three additional standards have been posted for a 45-day formal comment period:

- MOD-025-2 – Verification and Data Reporting of Generator Real and 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

An initial ballot and non-binding poll of the associated VRFs and VSLs will be conducted for MOD-025-1, MOD-027-1 and PRC-019-1 from April 6 through April 16, 2012. Please note that **separate ballot pools are being formed for each standard and non-binding poll.**

Ballot Pools Open through 8 a.m. EST on March 29, 2012 for MOD-025-2, MOD-027-1, and PRC-019-1 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 NERC Registered Ballot Body members to selectively join those ballot pools in which they have an interest. To submit an opinion in a non-binding poll for any standard, you must join the ballot poll for that non-binding poll. Each of the six ballot pools will be open through 8 a.m. EST on March 29, 2012.

Instructions for Joining Ballot Pools for MOD-025-2, MOD-027-1, and PRC-019-1 Ballots and Non-binding Polls

NERC Registered Ballot Body members must join each of the ballot pools to be eligible to vote in the upcoming ballots and non-binding polls. [Join](#)

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-025-2 ballot	bp-2007-09_MOD-025-2_in@nerc.com
MOD-027-1 ballot	bp-2007-09_MOD-027-1_in@nerc.com
PRC-019-1 ballot	bp-2007-09_PRC-019-1_in@nerc.com

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](#).

Please note that comments submitted with ballots will use the same form, and it is NOT necessary for ballot pool members to submit multiple separate sets of comments (one during the comment period and one with each ballot). Comments submitted with ballots are extremely valuable to help the drafting team revise its work. However, in an effort to reduce the burden on stakeholders providing comments, the drafting team requests that all comments (both those submitted with a ballot and those submitted by stakeholders not balloting) be submitted through the electronic form. This will ensure that stakeholders provide a single set of comments. Further instructions will be provided in the announcement that the ballot window is open.

Next Steps

Successive ballots of MOD-026-1 and PRC-024-1 and concurrent non-binding polls of the associated VRFs and VSLs will begin on March 19, 2012 and end at 8 p.m. Eastern on March 29, 2012. Initial ballots of MOD-025-2, MOD-027-1 and PRC-019-1 and concurrent non-binding polls of the associated VRFs and VSLs will begin on Friday, April 6, 2012 and end at 8 p.m. Eastern on Monday, April 16, 2012. Following the formal comments periods for MOD-026-1, PRC-024-1, 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 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 web 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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