



NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

February 8, 2006

REGIONAL MANAGERS

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| ERCOT — Sam R. Jones | FRCC — J. Ken Wiley |
| MRO — Daniel P. Skaar | NPCC — Edward A. Schwerdt |
| RFC — Timothy R. Gallagher | SERC — William F. Reinke |
| SPP — Charles H. Yeung | WECC — Louise McCarren |

Ladies and Gentlemen:

Volunteers Needed for Field Tests of Proposed Reliability Standards

The purpose of this letter is to notify you that the Standards Authorization Committee (SAC) has directed the Phase III-IV Drafting Team to conduct field tests of four proposed reliability standards:

MOD-026 — Verification of Models and Data for Generator Excitation System Functions

MOD-027 — Verification of Generator Unit Frequency Response

PRC-019 — Coordination of Generator Voltage Regulator Controls with Unit Capabilities and Protection

PRC-024 — Generator Performance During Frequency and Voltage Excursions

The Phase III-IV Drafting Team asks that you volunteer your region to participate in these field tests and requests that you solicit volunteer generator owners and transmission owners from within your region. Descriptions of the field tests and the associated standards are attached.

A form to identify whether you will volunteer your region and to identify any volunteer generator owners and transmission owners from your region is also attached. Please complete the form and return it to me by February 24, 2006. If you have any questions about the field tests, please contact me at 630-261-2621 or bob.millard@rfirst.org.

Sincerely,

Robert Millard
Chairman, Phase III-IV Planning
Standards Drafting Team

A New Jersey Nonprofit Corporation

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Description of Phase III-IV Field Tests

Field Tests for MOD-026, MOD-027, and PRC-019

| Time | Action |
|---|--|
| Two weeks after SAC approval | Issue letter to regional managers asking for field test volunteers. Ask regions to volunteer and to solicit generator owners — looking for at least three generator owners within each volunteer region with a mix of unit types in different geographic locations. |
| Six weeks after SAC approval | SDT receives regional responses identifying mix of volunteers. |
| One month after volunteering | Conduct kick-off meeting with volunteer RROs. Establish contact information, schedule, standard requirements, field test reporting requirements; goal is to attempt to meet the RRO's requirements in the three standards within five months; to review and adjust those requirements if needed within two months before field testing with generator owners. |
| One month after test start date and each month thereafter | Progress report via WebEx or conference call; report to SAC. |
| Five months after test start date | Regions to submit regional requirements for three standards to SDT, CCMC, and volunteer generator owners. |
| Six months after test start date | CCMC to verify RRO compliance; report on any compliance issues identified. Generator owners report on any implementation issues identified. |
| Seven months after test start date | RRO issues revised requirements, if needed. Kick-off meeting with generator owners to establish contact information, schedule, standard requirements, field test reporting requirements; goal is for generator owners to meet their requirements in the three standards in the subsequent five months. |
| 12 months after test start date | Generator owners submit required information to RRO, SDT, and CCMC. |
| 13 months after test start date | CCMC to verify RRO compliance; report on any compliance issues identified. |
| 14 months after test start date | Review meeting with CCMC, regions, generator owners, and SDT to identify issues and/or suggested comments and/or modifications for standard. SDT to post revised standards for comment. |

Description of Phase III-IV Field Tests

Field Test of PRC-024

| Time | Action |
|---|--|
| Two weeks after SAC approval | Issue letter to regional managers asking for field test volunteers — at least three regions are needed, representing at least two interconnections; within each region the volunteer cluster must include the RRO; at least one generator owner and at least one transmission owner that would be expected to coordinate their protection systems. |
| Four weeks after SAC approval | SDT receives regional responses. |
| Eight weeks after SAC approval — official start date; one month after volunteers identified | Kick-off meeting with volunteers to: Establish contact information, schedule, standard requirements, field test reporting requirements; goal is to attempt to meet R1 through R4 within six months. |
| One month after test start date and each month thereafter | Progress report via WebEx; report to SAC. |
| 11 months after test start date | Kick-off meeting to add generator owners and transmission owners to test; goal is to attempt to meet R7, reporting progress and problems monthly for six months. |
| 12 months after test start date | CCMC to verify RRO, generator owner and transmission owner compliance with M1 and M4. |
| 13 months after test start date | Curtail test; post results; revise standards if needed to address test results; post revised standards for review and comment. |