

MINUTES
Midwest Reliability Organization
Generator Testing Review Task Force
Conference Call

June 5, 2007 – 10:00 AM – 12:00 PM CDT

1. **Roll Call and Introductions** – Chairman Dave Kral / Secretary Andrew Lucero

Chairman Kral of the Midwest Reliability Organization (MRO) Generator Testing Review Task Force (GTRTF) called the meeting of the MRO GTRTF to order at 10:00 am. The GTRTF is currently classified as an ad hoc group and expected to be active for a year or two.

a. *Determination of Quorum*

The following members, guests, and staff were present:

Members:

Present:

Dave Kral, XEL, Chairman	Wendell Thompson, MPW
Leonard Rentmeester, WPS, Vice Chairman	John Ratajczyk, ATC
Andrew Lucero, MRO, Secretary	Brian Archer, MH
John Seidel, MRO, RAC Secretary	

Absent:

Omar Elabbady, MRO, Alternate Secretary

2. **Review Policy and Procedure 4** – Chairman Dave Kral

Chairman Kral presented the MRO Policy and Procedure #4 and the Standards of Conduct and Anti-trust Guidelines.

3. **Consent Agenda**

- Approve Meeting Minutes from May 22, 2007

Motion: Brian Archer (MH) moved to approve the Meeting Minutes from May 22. The motion was seconded by Leonard Rentmeester (WPS) and approved unanimously.

4. **Discussion About Performing Actual Field Tests**

- For those companies doing the field testing, the Standards look good and the tests are working out fine. There are no written reports as of yet but once available will be sent to the group.

- Testing companies, will track costs and supply those to the group. Lost opportunity cost should be shown separately if tracked as there may be some subjectivity in its frame of reference.
- Testing is taking 3 to 5 days not including modeling time, which will be lengthy.
- Xcel indicated that it had tested using only tests related to MOD 026 & 027 and PRC 019.

Action Item: Brian Archer will send the MH test report to the group once it is completed.

5. **Suggested revisions to 6 NERC Generator Testing Standards, MRO Standards Committee Comments**

- A discussion was held regarding NERC's comments to the MRO Standards sent to NERC as was required. Chairman Dave had redrafted and all agreed it looked fine. NERC would like any reference to RRO to be removed. MH asked if NERC would change the standards again. The general feeling is that NERC is driving toward an eventual national standard, over the next couple of years. Only MOD 025 & 025 are approved.
- The exemptions criteria, related to, "connected to the BES" were discussed, relative to unit size and 100 kV and above connected. The RAC is reviewing the BES definition. Minimum unit size also requires some review.

Action Item: Sec. Lucero will review the 20 MW minimum unit size as defined by FERC and how this may relate to the GTRTF unit minimum.

Action Item: John Seidel will forward the definition of BES from the RAC to the group.

6. **Updates from NERC Field Testing Group Calls – Chairman Kral**

- Chairman Kral briefly mentioned MOD 026 & 027 stating that comments were due by Friday. He also briefly mentioned PRC 019 & 024 related to MRO and stating that the ERCOT field testing criteria is out.

Action Item: Chairman Kral will get a copy of the ERCOT field test report out to the group.

- ERCOT requires ride through at $\pm 5\%$ of unit design voltage as well as ride through of volts/HZ below 116% for 1.5 seconds. The MRO wind generation ride through requirements is more stringent than those of ERCOT.

Action Item: Brian Archer will review the ERCOT ride through requirements and report back to the group.

7. **Proposal: Holding a seminar on MRO Generator Testing Guidelines**

- Chairman Kral thought a seminar was good idea but suggested to the group that it is likely yet a bit early to sponsor a conference or training on the subject and the group agreed. Once NERC has finalized its requirements this can be done.

8. **Other Business**

- MH question regarding the life of the GTRTF.
 - Chairman Kral said that he has recommended to the RAC that the GTRTF remain active through the NERC drafting process for the six generator testing standards, which will probably extend through 2009.
- WPS question regarding 5 year test of wind machines for URGE.
 - It was stated that it is a running period from which the URGE is take on an on going basis with the ultimate and final URGE determined after five years of data have been collected.

9. **Next Meeting**

- Tuesday July 24th , 2007 from 10:00 am to 12:00 pm (conference call)

10. **Adjourn**

Motion: Brian Archer (MH) moved to adjourn the meeting. The motion was seconded by Wendell Thompson (MPW) and approved unanimously. The meeting was adjourned at 11:17 am.

Respectfully Submitted,

Andrew Lucero GTRTF Sec.

Omar Elabbady GTRTF Alt. Sec.