

APPROVED MEETING MINUTES
MIDWEST RELIABILITY ORGANIZATION
Reliability Assessment Committee
Radisson Hotel Duluth Harborview – Duluth, MN
August 27, 2008 – 1:00 pm-5:00 pm
August 28, 2008 – 8:00 am-12:00 pm

1. Call to Order

Chairman Nguyen called the meeting of the Reliability Assessment Committee to order at 1:00pm.

2. Determination of Quorum

Secretary Seidel determined that a quorum was present.

The following members, guests, and staff were present:

Members:

Hoa Nguyen, MDU
Dennis Florom, LES
Ed Weber, WAPA

Dale Burmester, ATC
Randy Lindstrom, NPPD

Guests:

Dave Rudolph, BEPC (phone)
Justin Jorgenson, ITC
Tom Ferguson, Consultant

Zhixin (Lee) Miao, MISO
Deven Bahan, WAPA

Staff:

Salva Andiappan
Andrew Lucero

Mari Ann Baden
John Seidel

3. Standards of Conduct and Anti-Trust Guidelines

Pursuant to Policy and Procedure 4, Chairman Nguyen reviewed the Standards of Conduct and Anti-Trust Guidelines.

4. Consent Agenda

a. Approve Meeting Minutes of May 21, 2008 Meeting

Chairman Nguyen referred the Committee to Tab 4 of the agenda which contained the minutes of the March 5, 2008 Reliability Assessment Committee meeting.

Mr. Lindstrom was added to the attendee list.

Upon motion duly made by Mr. Burmester and seconded by Mr. Weber, the Reliability Assessment Committee approved the minutes of the May 21, 2008 Reliability Assessment Committee meeting as revised.

b. Approve Meeting Minutes of June 24, 2008 Conference Call

Chairman Nguyen referred the Committee to Tab 4 of the agenda which contained the minutes of the June 24, 2008 Reliability Assessment Committee conference call.

Mr. Lindstrom was added to the attendee list.

Upon motion duly made by Mr. Lindstrom and seconded by Mr. Burmester, the Reliability Assessment Committee approved the minutes of the June 24, 2008 Reliability Assessment Committee conference call as revised.

- c. *MRO Representative on the NERC Resource Subcommittee*
Chairman Nguyen referred the Committee to the nomination form sent to the Committee members prior to the meeting.

Pending Board approval, Chairman Nguyen will authorize Mr. Balu to travel to any subsequent NERC Resource Subcommittee meetings.

Upon motion duly made by Mr. Weber and seconded by Mr. Burmester, the Reliability Assessment Committee approved Neal Balu, WPS to be presented to the MRO Board as the MRO representative to the NERC Resource Subcommittee.

- d. *Review Committee Charter*
Mr. Seidel presented the verbiage contained in the 2009 MRO Budget regarding the MRO RAC activities.

Action Items:

- Mr. Seidel will create a draft version combining the current version of the Charter and the proposed budget wording. This will be reviewed at the November meeting.
- Propose revision of the voting proxy language in MRO Policy and Procedure 3 to other standing committees.
- Propose revision of language regarding "Contractor" and "designee".
- Propose revision of language to indicate that MRO staff or designees are not voting members.

Actions Items regarding the RAC Membership:

- Mr. Lindstrom will contact the Cooperative Sector to ask for nominations to fill its Open position due to Dan Dahlgren's departure from Omaha Public Power District.
- MRO Staff will contact the Generator/Power Marketer Sector to ask for nominations to fill its Open position on the RAC.

5. Chairman's Report

Hoa Nguyen

Chairman Nguyen referred the Committee to Tab 5 in the agenda packet. He then reviewed the Chairman's Report.

Tom Ferguson, a consultant to the MRO on the September 18, 2007 Event Analysis team, proposed that a Professional Engineer-certification be required on model data prior to submission to the MRO to improve the quality of the data. Discussion followed with the Committee. The Committee agrees that the model building process needs improvement. However, the step of having a PE sign off on the model may not be the solution.

The meeting recessed at 3:08pm.

The meeting resumed at 3:28pm.

6. **MRO Regional Disturbance Monitoring Plan** John Seidel

Mr. Seidel referred the Committee to Tab 6 in the agenda packet. The suggestion was made to have a subcommittee review the current MAPP Disturbance Reporting Procedure and develop a similar procedure for the MRO. This task was assigned to the PRS. If additional review is needed, the TAS will be asked to assist.

Action Item:

- The PRS will begin development of the MRO Disturbance Reporting Procedure and will present a draft for RAC review at its next meeting in November.

7. **NERC Assessments** John Seidel/Hoa Nguyen

a. *2008 Long Term Reliability Assessment*

Mr. Seidel gave an update of progress on LTRA requests.

b. *2008-2009 MRO Scenario Analysis*

c. *2008-2009 Winter Assessment*

Mr. Seidel gave an update of progress on Winter Assessment requests. The report is due to NERC on September 26, 2008. The assessment submittal will need to be reviewed by the RAC via conference call scheduled for September 23, 2008 at 2:00pm.

8. **Ongoing Activities of the NERC Planning Committee** Ed Weber

Mr. Weber will give a detailed report at the November RAC meeting.

The meeting recessed at 4:45pm until Thursday, August 28, 2008.

The meeting resumed at 8:00am Thursday, August 28, 2008.

Additional guests for August 28, 2008 included:

Wenchun Zhu, ATC

Keven Szarkowski

Dustin Betz, NPPD

Matt Ellis, MISO

Hamish Wong, WPS

Randy Oye, Xcel Energy

Dan Jesburg, MRO

Adam Flink, MRO

Jeff Mitchell, RFC (phone)

Jay Porter, GRE

Rich Quest, Xcel

Alan Burbach, LES (phone)

A joint meeting of the Scenario Assessment Task Force (SATF) and RAC was held to discuss the direction the MRO will take with the 2008-2009 Scenario Assessment.

Ms. Zhu gave an update on the progress of the SATF. The SATF will have an outline of the MRO wind scenario assessment by the end of its next meeting scheduled for October 13, 2008.

9. **Compliance Committee Activity** Compliance Committee Liaison

A liaison was not present at the meeting.

10. Subcommittee and Task Force Reports

- a. *Generator Testing Review Task Force* Dave Kral
- b. *Model Building Subcommittee* Alan Burbach
Alan Burbach, LES joined the meeting via conference call to update the Committee on MBS activities per the handout distributed at the meeting.

Mr. Burbach informed the Committee that ITC Midwest has requested to replace their representative on the MBS.

Upon motion duly made by Mr. Weber and seconded by Mr. Burmester, the Reliability Assessment Committee waived the 10-day waiting period for the request of a replacement to a subcommittee.

Upon motion duly made by Mr. Weber and seconded by Mr. Lindstrom, the Reliability Assessment Committee approved Justin Jorgenson, ITC to replace Abul Shuvo, ITC as an Iowa representative on the MBS.

Mr. Seidel informed the Committee that MRO will make the recommendation to FERC that if an entity is registered with NERC in any region, they would be allowed to have access to the MRO models.

The MRO will be sending the Region map in .pdf to members with the understanding that this is Critical Energy Infrastructure Information.

i. Wind Generation Modeling Task Force

The update on the WGMFTF activities was included in the MBS report distributed at the meeting. This group will hold its last meeting in October.

Chairman Nguyen requested that, when the WGMFTF is disbanded, the MRO send a formal thank you to the members of the group for their efforts.

- c. *Protective Relay Subcommittee* Deven Bhan
Mr. Bhan presented the recent PRS activities prior to the subcommittee recessing on August 27, 2008.

i. Special Protection Systems Review Team

No report was required at this time.

- d. *Resource Assessment Subcommittee* Dave Rudolph
Mr. Rudolph gave an update on the RAS activities.
- e. *Scenario Assessment Task Force* Wenchun Zhu
Ms. Zhu presented a report on the SATF activities at a joint meeting of the RAC and SATF. This meeting is previously referenced in the minutes.

- f. *Transmission Assessment Subcommittee* Wenchun Zhu
Ms. Zhu gave an update on the TAS activities included in the agenda packet.

11. Eastern Interconnection Reliability Assessment Group Report

Ed Weber/John Seidel

- a. *Multiregional Modeling Working Group* Adam Flink/Salva Andiappan

Mr. Nguyen gave a report on the ERAG Management Committee meeting on August 7-8 that he had attended in place of Mr. Weber. The next ERAG MC meeting in October will be held via teleconference instead the previously scheduled face-to-face gathering in Toronto.

12. NERC Reports

- a. *Data Coordination Working Group* Tim Owens
b. *Disturbance Analysis Working Group* Larry Brusseau
c. *Load Forecasting Working Group* Scott Loseke/George McClure
d. *Operating Committee* Larry Larson
e. *Operations Review Subcommittee* Steve Sanders
f. *Planning Committee* Ed Weber
g. *Reliability Assessment Subcommittee* Hoa Nguyen
h. *System Protection and Control Task Force* Deven Bhan
i. *Transmission Issues Subcommittee* Dale Burmester

13. MRO Committee Meeting Dates

Compliance Committee

Tuesday, November 11, 2008

Reliability Assessment Committee

Wednesday, November 12, 2008 (a tentatively proposed new date of Nov 6 or 19)

Standards Committee

Thursday, November 13, 2008

Board of Directors

Thursday, September 25, 2008

Thursday, December 11, 2008

MRO Annual

Thursday, December 11, 2008

14. Other Business

Chairman Nguyen asked the Committee members to review the questions submitted by Larry Larson as the MRO representative on the NERC Operating Committee.

15. Adjourn

Upon motion duly made by Mr. Weber and seconded by Mr. Florom, the Reliability Assessment Committee adjourned at 10:45am.