

MINUTES
MIDWEST RELIABILITY ORGANIZATION
Meeting of Transmission Assessment Subcommittee
Holiday Inn Select, Bloomington, MN
October 18, 2007 – 9:00 AM – 4:00 PM

1. Call to Order

Chairman Zhu called the meeting of the Midwest Reliability Organization (MRO) Transmission Assessment Subcommittee (TAS) to order at 9:03 am.

2. Determination of Quorum

The following members and guests were present:

TAS Members Present:	
Wenchun Zhu, ATC, TAS Chairperson	Terry Torgerson, DPC, TAS Vice Chair
Zhixin Miao, MISO Liaison	John Seidel, Alternate TAS Secretary
David Diakiw, MHEB	Dan Belk, WAPA
Dave Kempf, GRE	Peter Schommer, MP
Wayne Guttormson, SPC, phone	Brian Brownlow, NPPD
Jeff Smedley, OPPD	Dale Catherall, ALT
Adam Flink, MRO	Dan Jesberg, MRO
TAS Members Not Present:	
Andrew Lucero, TAS Secretary	Dennis Kimm, PAC Liaison
Pete Koegel, PAC Liaison	Ray Mason, RFC Liaison
Jay Caspary, SPP Liaison	Terry Harbour, MEC
Guests:	
Dede Subakti, MISO SPSRT member, phone	Jason Standing, XCEL, phone
Ken Birt, MEC, SPSRT member, phone	Srinivas Vemuri, XCEL, phone

3. Standards of Conduct and Anti-Trust Guidelines

Wenchun Zhu reviewed the guidelines.

4. Consent Agenda

- a. The meeting minutes from August 21, 2007 were approved as amended.
- b. The meeting minutes from September 11, 2007 were approved as is.

5. TAS Membership Issues

- a. Dakotas Rep: Jason Weiers, OTP has accepted a position on the TAS.

Action item: Sandy Humenansky will add Jason to the TAS exploders and to the RAC November 2, 2007 agenda for RAC approval.

6. MRO Procedures for NERC Standards

The group decided to defer this action item until the conference call scheduled for December 11, 2007. The spreadsheet that was previously sent out will be updated to

include which applicable entities (specifically RRO and TO) are associated with each NERC standard.

Brian Brownlow requested that the TAS promote the implementation of the MRO UFLS Study Report complete in March 2007. It was agreed that Larry Brusseau should update the TAS and RAC with the progress and expected timeline of the NERC UFLS Task Force.

7. SPS Review Team Status update

a. SPS review Procedures:

John Seidel indicated that the MRO procedure for PRC-012 is completed and posted in the MRO Manual. Dan Jesberg has compiled and updated the existing MRO SPS database and sent it to the MRO PRS for a completeness review. Any SPSs that are missing will be added to the database. John Seidel indicated that the PRS is reviewing and creating a procedure for PRC-014, (Five Year Review of SPSs) and that the SPSRT will work off of the SPS database once it is verified to be complete.

b. Stone Lake SPS:

No further discussion

c. Weston 4 SPS:

Meetings are pending for this SPS review

d. Lakefield-Nobles SPS:

Terry Torgerson requested that the worst case N-2 contingencies should be evaluated for stability to meet NERC Category C criteria. It was determined that only a select group of N-2 contingencies (worst case by inspection) are required, not all possible combinations. Terry Torgerson also suggested that P-V analysis (voltage stability) be performed, if necessary. XCEL staff stated that voltage stability is not an issue for this area and would not be necessary.

The group discussed whether the SPS was originally a part of the set of reinforcements required for the 825 MW wind proposal. It was not conclusive whether the SPS was a part of this original proposal or whether the Fox Lake –Winnebago 161 kV line was to be reconductored/rebuilt. More recently, a document submitted by XCEL to the MAPP TOS stated that an SPS could be an alternative to reinforcing the Fox Lake –Winnebago 161 kV line. XCEL staff stated that reinforcing the Fox Lake –Winnebago 161 kV line alone may not be sufficient to eliminate the SPS. Ongoing analysis is being performed both by XCEL staff and the CAPX 2020 group.

Action item: Srinivas Vemuri is to provide the N-2 stability runs by end of week, October 19, 2007.

Action item: The TAS members of the SPSRT will review the N-2 contingencies. Dede Subakti to prepare a quick summary of the SPS results that includes the checklist, a brief description of the SPS operation, and that it meets the NERC criteria in PRC-012. TAS approval will be accomplished through e-mail exchange within the next two weeks.

Action item: MRO staff will set up a conf call with the MRO PRS to get acceptance from that group as well per the MRO procedure for PRC-012.

8. ERAG 2007/08 Winter Assessment Update

Wenchun Zhu provided an update on the ERAG Winter Assessment Study results. The group discussed the use of winter ratings for transmission lines in future winter assessments. The MRO imports could be significantly higher if winter ratings are used when the limiting element is a thermally limited transmission line.

9. Update from the RAC Meeting

John Seidel briefly reviewed the September 5, 2007 RAC meeting minutes.

10. Other Business: None

11. Next Meetings: The group scheduled a conference call for December 11, 2007 and selected four face-to-face meeting dates for 2008 which are adjacent to the TRAWG dates.

- a. 12-11-07, 9:00 am – 12:00 pm, Conference call
- b. 02-20-08, 9:00 am – 3:00 pm, Site TBD
- c. 06-12-08, 9:00 am – 3:00 pm, Site TBD
- d. 08-19-08, 9:00 am – 3:00 pm, Site TBD
- e. 10-14-08, 9:00 am – 3:00 pm, Site TBD

12. Adjourn

The group adjourned at approximately 2:30 pm.

Prepared and submitted by:

John Seidel, TAS Alternate Secretary