

**APPROVED MINUTES**  
**Midwest Reliability Organization**  
**Transmission Assessment Subcommittee**  
**And Transmission Reliability Assessment Working Group**  
St. Paul Conference Center  
April 20, 2006 – 9:30 am - Noon

1. **Welcome** – Dan Belk  
Chairman Belk called the joint meeting of the Midwest Reliability Organization (MRO) Transmission Assessment Subcommittee (TAS) to order at 9:30 am.

- a. *Determination of Quorum*

The following members were present:

<b>Members Present:</b>	
Dan Belk, WAPA, Chairman	Jay Porter, ATC, Vice Chairman
David Diakiw, MH	John Seidel, MRO Secretary
Jeff Eddy, ALT	Terry Torgerson, DPC
Jared Alholinna GRE	Terry Harbour, MEC
Wayne Haidle, MDU	Salva Andiappan, MRO
Shawn Heilman, MP	Brian Brownlow, NPPD
Jeff Smedley, OPPD	Pete Koegel, MRO, PAC Liaison
Wayne Guttormson, SPC	
<b>Members Not Present:</b>	
Jay Caspary, SPP	Dennis Kimm, PAC Liaison
Larry Brusseau, MRO Alternate Secretary	Ray Mason, RFC Liaison
<b>Guests:</b> None	

Salva Andiappan will be participating as an MRO staff person in future meetings (no longer as MISO liaison).

2. **Review Policy and Procedure 4**

John Seidel reviewed the MRO and NERC Committee Membership Policy #4 and the Standards of Conduct and Anti-trust Guidelines with the TAS membership.

3. **Draft Reliability Studies List**

A draft list of reliability studies used for MAPPCOR budgeting purposes was reviewed. This preliminary list is a work in progress and will be updated by MRO staff. The purpose of the list is to identify all study work that the TAS is responsible for, what NERC standard the study addresses, when the last study was done and when the next study is due (year and cycle).

Several questions were asked about the studies:

- ***Bulk Transmission Outage Report:*** It was pointed out that outage data has not been collected for several years. Will this effort start again and when?
- ***Regional Interconnection Study:*** Will Saskatchewan be included in the next study even though they are a separate Reliability Coordinator?
- ***TTC/ATC/TRM/CBM RRO Methodologies:*** Is the cycle 5 years or 1 year?

- **Inter-Regional Coordination:** John Seidel indicated that the RFC has initiated a conference call for May 5<sup>th</sup> to discuss inter-regional methodology for the NERC winter 2006/07 seasonal assessment. MRO staff will participate in that call and report back to the TAS.

MRO staff will provide answers to the above questions.

**4. Discussion of Existing Study Procedures**

The following five documents, which describe how various transmission study work is performed in the MRO region, were discussed by the TAS:

- MAPP Member Criteria and Studies Procedures Manual:* It was decided that this document, previously owned by the MAPP Planning Subcommittee, should be owned and maintained by the TOS since it is a detailed document used by the TOS NMORWG and is a part of the TOS Handbook.
- MAPP Seasonal Assessment Procedure*
- MISO Seasonal Assessment Procedure*
- MAIN Seasonal Assessment Procedure (TASG)*
- RFC Transmission Assessment Criteria and Procedure (summary)*

The group reviewed TPL-005-0 to determine if the existing MRO assessment practices meet the requirements of this standard. The general consensus was yes, based on a review of each of the requirements sections R1 through R3.6. However, further discussion is needed on intra-regional analysis between sub-regions within the MRO and documentation of analysis per sub-region. Terry Harbour volunteered to start drafting a MRO regional procedure that will ultimately meet the needs of all MRO members and the requirements of the NERC standard.

The TRAWG will include ALTW, ATC, and Saskatchewan in the next annual long-term assessment.

- MRO Procedures- Under Development** – John Seidel indicated that procedures for TPL-001 through TPL-006 will need to be developed during 2006. These procedures will be reviewed (or developed) by the TAS.
- TRAWG 10 year Transmission Assessment** – Salva Andiappan indicated that the study is done and the long-term assessment is presently being compiled by Larry Brusseau.
- Voltage Stability Study** – A brief update was provided.
- UFLS Task Force Study Update** – A brief update was provided.
- Discuss Need for a TAS Protection Relay Working Group** – Not discussed.
- Next Meeting**  
June 13, 2006, 9:00 am – 3:00 pm, at MISO St Paul Center.
- Adjourn**  
Having no further business, Chairman Belk adjourned the meeting at 12:15pm.

Submitted by:  
John Seidel, Secretary  
MRO Reliability Assessment Committee