



**MEETING AGENDA
MIDWEST RELIABILITY ORGANIZATION
Standards Committee**

Midwest Reliability Corporate Office – Roseville, MN
March 5, 2009 – 10:00am

- 1) Call to Order**
 - a) *Determination of Quorum*
 - b) *Additions to the Agenda*
 - c) *Standards of Conduct and Anti-Trust Guidelines*
- 2) Election of Chair and Vice Chair of the Standards Committee (if necessary)**
- 3) Chair Report – Dave Acton**
- 4) Consent Agenda**
 - a) *Approve Meeting Minutes of November 13, 2008*
- 5) Standards Committee and Subgroup Vacancy Update**
 - a) Disturbance Monitoring Standard Drafting Team
 - b)
- 6) Standards**
 - a) Standards Process Manual for Organizational Standards – Review current status
 - b) Four Regional Standards Update
 - c) MRO UFLS Regional Standard Update
 - d) Fill-in-the-Blank Standards Discussion and Formation of MRO-SDT
 - i) PRC-002 – Define and Document Disturbance Monitoring Equipment
 - ii) PRC-006 – Development and Documentation of Regional UFLS
 - iii) BAL-002 – Disturbance Control Performance (Update MBAL)
 - iv) PRC-012 – Special Protection System Review Procedure
- 7) Midwest Reliability Organization Reports**
 - a) NSRS Report – Mike Brytowski
 - b) Standards Manager Report
 - c) Discuss SC expectations for these two recurring items
 - i) Staff Update – Compliance Committee
 - ii) Staff Update – Reliability Assessment Committee
- 8) Standards Process Manual Discussion – status update**

9) NERC Reports

- a) Interchange Subcommittee – Shane Jenson
- b) Standards Committee –
- c) Compliance and Certification Committee – Terry Bilke
- d) Regional Reliability Standards Working Group –
- e) NERC Drafting Teams
 - i) Assess Transmission Future Needs Standards Drafting Team – Tom Mielnik
 - ii) ATC-TTC-AFC-CBM-TRM Standards Drafting Team – Dennis Kimm
 - iii) Back-Up Facilities Standards Drafting Team – Blaine Dinwiddie
 - iv) Disturbance Monitoring Standards Drafting Team –
 - v) Protection System Maintenance and Testing Standard Drafting Team – Carol Gerou
 - vi) Violation Severity Levels Drafting Team – Mike Brytowski
 - vii) Underfrequency Load Shedding

10) Task List Review –

11) Other Business

- a) Standards Committee Report to Board of Directors – March 26, 2009
- b) Meeting dates for 2009

12) Next Meeting/Future Locations

- a) March 26, 2009 Board of Directors

13) Adjourn

**Agenda 1.
Call to Order**

**Agenda 1.a.
Call to Order**

Determination of Quorum

**Midwest Reliability Organization
Standards Committee
2009 Roster**

Name	Sector	Company	Term
Wayne Guttormson	Canadian Utility	Saskatchewan Power Corporation	December 2009
Mike Garton	Generator and/or Power Marketer	Dominion Resources Services, Inc.	December 2009
Gerry Steffens	Municipal Utility	Rochester Public Utilities	December 2009
Dave Rudolph	Cooperative	Basin Electric Power Cooperative	December 2010
Lloyd Linke	Federal Power Marketing Agency	Western Area Power Administration	December 2010
Larry Larson	Investor Owned Utility	Otter Tail Power Company	December 2010
Kavita Maini	Large End-Use Electricity Customer	Wisconsin Industrial Energy Group	December 2010
Jason Shaver	Transmission System Operator	American Transmission Company	December 2010
Joe Knight Vice Chair	Cooperative	Great River Energy	December 2011
Dave Acton Vice Chair	Investor Owned Utility	Alliant Energy	December 2011
Tim Noeldner	Municipal Utility	Wisconsin Public Power, Inc.	December 2011
Dan Schoenecker Secretary*		Midwest Reliability Organization	

(*Temporary Position)

Agenda 1.b.
Call to Order
Additions to the Agenda

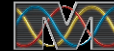
**Agenda 1.c.
Call to Order**

Standards of Conduct and Anti-Trust Guidelines

Standards of Conduct

FERC Standards of Conduct prohibit MRO staff, committee, subcommittee and task force members from sharing non-public transmission sensitive information with anyone who is either an affiliate merchant or could be a conduit of information to an affiliate merchant.

1

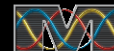


Anti-Trust Reminder

Participants in Midwest Reliability Organization meeting activities must refrain from the following when acting in their capacity as participants in Midwest Reliability Organization activities (i.e. meetings, conference calls, and informal discussions):

- Discussions involving pricing information; and
- Discussions of a participant's marketing strategies; and
- Discussions regarding how customers and geographical areas are to be divided among competitors; and
- Discussions concerning the exclusion of competitors from markets; and
- Discussions concerning boycotting or group refusals to deal with competitors, vendors, or suppliers.

2



Agenda 2.
Committee Elections

**Agenda 3.
Chair Report**

MRO Standards Committee
March 6, 2009
Chairman Report

- Dave Acton, (Alliant Energy) assumed the chair position following Chairman Lloyd Linke (WAPA). Joseph Knight (GRE) assumed the Vice Chair succeeding Dave Acton.
- Larry Brusseau tendered his resignation at the MRO. Larry's last day as MRO Standards Manager was January 16, 2009. Dan Schoenecker will temporarily fill Larry's vacancy until a replacement can be found.
- The Drafting team met via conference call on February 9th to discuss the comments received on four proposed MRO Standards. Those participating on the call were Mike Brytowski, Tom Mielnik, David Jacobson and Dave Acton. The proposed Standards are:
 - RES-501-MRO-02 - Planned Resource Adequacy Assessment
 - PRC-502-MRO-02 - Power System Stabilizer Requirement and Small
 - Signal Stability Assessment
 - TPL-503-MRO-02 - System Performance
 - TPL-504-MRO-02 - Subsynchronous Resonance (SSR)
- Tom and David took action items to make a first cut at revisions to incorporate changes based on the comments received. The Drafting Team will meet next in early March to try to finalize the process.

Agenda 4.
Consent Agenda

Approve Meeting Minutes of November 13, 2008

MEETING MINUTES
MIDWEST RELIABILITY ORGANIZATION
Standards Committee

MRO Offices, Roseville, MN
November 13, 2008 – 10:00am

1. Call to Order

a. Determination of Quorum

Vice Chair Acton called the meeting of the Standards Committee to order at 10:01am. Secretary Brusseau determined that a quorum was present.

The following Members, Guests, and Staff were present:

Members Present:

Dave Acton, ALT, Vice Chair

Larry Brusseau, MRO, Secretary

Joe Knight, GRE

Tim Noeldner, WPPI

Larry Larson, OTP

Gerry Steffens, RPU

Jason Shaver, ATC (AM - via phone)

Members Not Present

Kavita Maini, WIEG

Dave Rudolph, BEPC

Lloyd Linke, Chair, WAPA

Wayne Guttormson, SPC

Guests Present

Carol Gerou, MP (via phone)

Staff Present

Mike Brytowski

Jo Anne McNabb

Laura Elsenpeter (AM only)

b. Additions to the Agenda

None

c. Standards of Conduct and Anti-Trust Guidelines

Pursuant to Policy and Procedure 4 Vice-Chair Acton reviewed the Standards of Conduct and Anti-Trust Guidelines.

2. Chair Report

a. No Chair Report for this meeting

3. Consent Agenda

a. Approve Meeting Minutes of August 20, 2008.

The meeting minutes were distributed to the committee. Minor changes were noted on page 2 of the minutes. A motion was made by _____ and seconded by Mr. Steffens to approve the minutes.

- b. *Review and Approve Charter Changes (if applicable)* – these were submitted and reviewed at the last meeting. There was only one item that the SC felt was better suited for the compliance committee:
 - *Criteria and certification processes for developed for the following functional entities: Balancing, Interchange, Reliability Coordinator, Transmission Operators and others as needed.*
- c. *Affirm Terry Harbour, MEC to the NSRS* - motion made by Mr. Noeldner seconded by Mr. Steffens. The committee unanimously approved Terry Harbour to the NSRS.

4. Standards Committee and Subgroup Vacancy Update

Mr. Brusseau discussed the open vacancies of the Standards Committee. Mr. Acton will serve another term and Mr. Knight will also serve another term.

Mr. Brusseau discussed the position of Chair and Vice-Chair for the 2009 Standards Committee. A suggestion was made to have Mr. Acton serve as the new Chair and Mr. Knight to serve as Vice-Chair.

5. Review of MRO Manual on Website

No updates were brought before the committee. The procedure for reporting disturbances has been placed on the web site. The RAC is reviewing this procedure and will be updating it.

6. Standards

- a. *Standards Process Manual for Organizational Standards*

At the last meeting, Mr. Brusseau provided a redline version for review. The discussion lead by Mr. Brusseau began by defining what an organizational standard is. Discussion continued regarding whether or not the by-laws need to be changed. A recommendation was made to bring this before the Board of Directors.

The topic of the voting process in the Manual was brought before the committee. Mr. Brusseau emphasized the need to keep the voting process for MRO members when considering Organizational standards. There may not be enough members in all the sectors, so there may be a need to modify the sectors for organization standards voting. Enforcement of organizational standards will be through the contract with MRO. A suggestion of 2/3 majority voting was discussed; this will also need to be researched in the by-laws. There should be no changes to RSVP in order to accommodate this type of voting.

Action Item: review changing the voting process (organizational Standards only) – L. Brusseau

- b. *Four Regional Standards Update*
 - i. Held meetings with the team that is clarifying the standards. The team has gone through and made clarifications and added PSL's per NERC format. They should be ready to send out for comment after next week's conference call. The Goal is to get them approved by the Board by late Spring 2009.

- c. *Fill-in-the-Blank Standards Discussion and Formation of MRO-SDT*
 - i. PRC-002 – Define and Document Disturbance Monitoring Equipment
The group is moving ahead as a continent wide standard – expecting comments to be posted by end of December.
 - ii. PRC-006 – Development and Documentation of Regional UFLS
The NERC standard was sent out for comment in late September. Comments came back indicating it should be a regional standard. Still not clear where we stand with this. The NERC drafting team will outline the pros and cons for each kind of standard proposed.
 - iii. BAL-002 – Disturbance Control Performance (Update MBAL)
NERC Contingency reserves (spinning) drafting team getting underway.
 - iv. PRC-012 – Special Protection System Review Procedure
Work on this standard is slated to begin in 2009.

7. **Midwest Reliability Organization Reports**

a. *NSRS Report*

Mr. Brytowski reported on the NSRS.

Comments submitted by the NSRS on behalf of the MRO since August 20: (9)

Project 2006-09 - Facility Ratings
 Project 2008-05 - Revise FAC-011-1 to Require consideration of Credible Multiple Element Contingency Events
 Project 2006-06 - Reliability Coordination
 Project 2006-07 – ATC/TTC/AFC and CBM/TRM Revisions
 Project 2007-18 – Reliability-based Control
 Project 2006-02 – Assess Transmission Future Needs
 Project 2006-04 – Backup Facilities
 Project 2008-16 – Transmission Operations Violation Severity Levels
 Standards Committee Interpretation Procedure

Current Commenting: (4)

Project 2006-08 – Transmission Loading Relief
 Project 2007-07 – Vegetation Management (FAC-003-2)
 Project 2006-03 – System Restoration and Blackstart
 Project 2007-03 – Real-time Operations

Initial Voting Recommendations: (4)

Project 2006-07 – ATC/TTC/AFC and CBM/TRM Revisions, MOD-004-1
 MRO Vote: Negative, Results: Quorum: 79.26 %, Approval: 66.29%
 Project 2007-14 – Permanent Changes to Coordinate Interchange Timing Table
 MRO Vote: Affirmative, Results: Quorum: 79.74%, Approval: 100.00%
 Project 2006-01 - PER-005-1— System Personnel Training
 MRO Vote: Affirmative, Results: Quorum: 90.13%, Approval: 82.47%
 Project 2006-09 - FAC-008-2 — Facility Ratings
 MRO Vote: Affirmative, Results: Quorum: 89.13%, Approval: 70.01%

Interpretation Voting Recommendations: (3)

Project 2008-07 - Interpretation of EOP-002-2 Requirement R6.3 and Requirement R7.1 for Brookfield Power

MRO Vote: Affirmative, Quorum: 55.43% (Quorum not reached), Approval: 71.98%

Project 2008-11 - Interpretation of VAR-002-1a — Generator Operation for Maintaining Network Voltage Schedules

MRO Vote: Affirmative Quorum: 85.78%, Approval: 90.37%

Project 2008-13 - Interpretation of TOP-002-2 Requirement R11

MRO Vote: Affirmative, Quorum: 83.33%, Approval: 96.94%

Project 2008-07 - Re-ballot Results for Interpretation of EOP-002-2

MRO Vote: Affirmative, Results: Quorum: 82.61%, Approval: 74.67%

Re-Circulation Voting Recommendations: (9)

Project 2006-07 — ATC/TTC/AFC and CBM/TRM Revisions (MOD Standards) – MOD-004

Vote Affirmative, Results: Quorum 91.49%, Approval: 83.71%

Pre-2006 – Operate within IROL

IRO-008-1 – Negative, Passed 92%

IRO-009-1 – Negative, Passed 89%

IRO-010-1 – Affirmative, Passed 88%

Project 2006-07 – ATC/TTC & CBM/TRM

MOD-001-1 – Negative, Passed 76%

MOD-008-1 – Negative, Passed 80%

MOD-028-1 – Negative, Passed 79%

MOD-029-1 – Abstain, Passed 93%

MOD-030-1 – Negative, Failed 56%

Currently out for ballot: (1)

Project 2006-07 — ATC/TTC/AFC and CBM/TRM Revisions (MOD Standards)

b. Standards Manager Report

Mr. Brusseau briefly discussed the Standards Newsletter. He has received positive feedback on the newsletter. He also asked the committee if they had comments and encouraged the committee members and subordinates reporting to them to submit articles if they wish.

c. Staff Update – Compliance Committee

No report.

d. Staff Update – Reliability Assessment Committee

No report.

The committee recessed for lunch at 11:55AM.

8. Standards Process Manual Discussion

a. Authorize to ballot – finished commenting on the Sept 25th Standards Process Manual. Three individuals have provided comments and responses were posted. Standards development process steps were clarified. Committee unanimously authorized Standards Process Manager to ballot the manual.

9. NERC Reports

- a. *Interchange Subcommittee - no report.*
- b. *Resources Subcommittee – definition added for reserve margin.*
- c. *Resource Issues Subcommittee - This group also looking at survey on resource adequacy. Most regions were running 50-60% in responding to the NERC survey.*
- d. *Standards Committee – FERC staff involvement and directions. Earlier discussions lead by Jason Shaver.*
- e. *Compliance and Certification Committee – no report.*
- f. *Regional Reliability Standards Working Group
NERC workshops looking ahead to 2009. Standards Managers made recommendations regarding how the workshop should flow. NERC to get more involved in the regional standards. NERC wants to be more involved in our standards meetings and conference calls.*
- g. *NERC Drafting Teams*
 - i. Assess Transmission Future Needs Standards Drafting Team
No report.
 - ii. ATC-TTC-AFC-CBM-TRM Standards Drafting Team
No report.
 - iii. Back-Up Facilities Standards Drafting Team
No report.
 - iv. Disturbance Monitoring Standards Drafting Team
No report.
 - iv. Protection System Maintenance and Testing Standard Drafting Team
An oral report was given by Ms. Gerou.
 - vi. Violation Severity Levels Drafting Team
An oral report was given by Mr. Brytowski.

10. Task List Review

PREVIOUS: Still need to discuss the Spring (2009) standards workshop.

CURRENT:

- Post Standards Process Manual for ballot,
- Look at bylaws for member voting on Organizational Standards,
- Organization Standards stay a part of the MRO Manual.

11. Other Business

- a. *Standards Committee Report to Board of Directors – December 11, 2008 – joint effort on behalf of Lloyd Linke and Dave Acton*
- b. *Miscellaneous*
 - *2009 Reliability Workshop presenter – Mr. Assante (NERC)*
 - *Post-standards that affect 2009 standards.*
 - *Caucus board members*

c. Standards Committee Meeting dates for 2009

- March 5, 2008 – Standards Committee
- March 26, 2009 – Board of Directors

12. Next Meeting

March 5, 2009

13. Adjourn

Mr. Acton made the motion to adjourn the meeting which was seconded by Mr. Steffens.

The meeting was adjourned at 1:30pm

Prepared by:

Jo Anne McNabb – Administrative Assistant
Midwest Reliability Organization

Reviewed and Submitted by:

Larry Brusseau, Secretary
Midwest Reliability Organization

Agenda 5.a.
Standards Committee and Subgroup Vacancy Update
Disturbance Monitoring Standard Drafting Team

Agenda 6.a
Standards

Standards Process Manual for Organization Standards – Review current status

**Agenda 6.b.
Standards**

Four Regional Standards Update

**Agenda 6.c.
Standards**

MRO UFLS Regional Standard Update

**Agenda 6.d.
Standards**

Fill-in-the-Blank Standards Discussion and Formation of MRO-SDT

- i) PRC-002 - Define and Document Disturbance Monitoring Equipment
- ii) PRC-006 - Development and Documentation of regional UFLS
- iii) BAL-002 – Disturbance Control Performance (Update MBAL)
- iv) PRC-012 – Special Protection System Procedure Review

Agenda 7.a.
Midwest Reliability Organization Reports
NSRS Report

Agenda 7.b.
Midwest Reliability Organization Reports
Standards Manager Report

Agenda 7.c.
Midwest Reliability Organization Reports
Discuss SC Expectations for These Two Recurring Items

- i) Staff Update – Compliance Committee
- ii) Staff Update – Reliability Assessment Committee

Agenda 8.
Standards Process Manual – Status Update

Agenda 9.a.
NERC Reports

Interchange Subcommittee – Shane Jensen

Agenda 9.b.
NERC Reports
Standards Committee

Agenda 9.c.
NERC Reports

Compliance and Certification Committee – Terry Bilke

Agenda 9.d.
NERC Reports

Regional Reliability Standards Working Group

Agenda 9.e.
NERC Reports
NERC Drafting Teams

- i. Assess Transmission Future Needs Standards Drafting Team – *Tom Mielnik*
- ii. ATC-TTC-AFC-CBM-TRM Standards Drafting Team – *Dennis Kimm*
- iii. Back-Up Facilities Standards Drafting Team – *Blaine Dinwiddie*
- iv. Disturbance Monitoring Standards Drafting Team –
- v. Protection System Maintenance and Testing Standard Drafting Team – *Carol Gerou*
- vi. Violation Severity Levels Drafting Team – *Mike Brytowski*
- vii. Underfrequency Load Shedding -

Agenda 10.
Task List Review

Agenda 11
Other Business

Agenda 11.a.
Other Business

Standards Committee Report to Board of Directors – March 26, 2009

Agenda 11.b.
Other Business
Meeting Dates for 2009

March 25, 2009 – Reliability & Compliance Workshop – Holiday Inn Select
March 26, 2009 – MRO Board Meeting – Holiday Inn Select

Agenda 12.a
Next Meeting/Future Locations
March 26, 2009 Board of Directors

Agenda 13.
Adjourn
