

**MEETING MINUTES  
MIDWEST RELIABILITY ORGANIZATION  
Standards Committee**

Roseville Office

November 1, 2007 – 10:00am

**1. Call to Order**

Vice Chair Acton called the meeting of the Standards Committee to order at 10:00am. The following Members, Guests, and Staff were present:

**Members Present**

Dave Acton, ALT, Vice Chair

Larry Larson, OTP

Wayne Guttormson, SPC (via phone)

Larry Brusseau, MRO, Secretary

Gerry Steffens, RPU

Tim Noeldner, WPPI

**Members Not Present**

Lloyd Linke, WAPA, Chair

Jason Shaver, ATC

**Guests Present**

Alan Oneal, MEC

Carol Gerou, MP (via phone)

David Jacobson, MH (via phone)

Terry Eaton, XEL

**Staff Present**

Mike Brytowski

Sandy Humenansky

Laura Elsenpeter

**2. Chair Report**

No report.

**3. Consent Agenda**

*a. Approve Meeting Minutes of September 6, 2007*

Vice Chair Acton referred the Committee to Tab 3 of the agenda which contained the minutes of the September 6, 2007 meeting.

***Upon motion duly made by Mr. Steffens and seconded by Mr. Larson, the Standards Committee unanimously approved the meeting minutes of September 6, 2007.***

*b. Approve 2008 Meeting Dates*

Vice Chair Acton referred the Committee to Tab 3 of the agenda which contained the proposed 2008 meeting dates.

***Upon motion duly made by Mr. Noeldner and seconded by Mr. Steffens, the Standards Committee unanimously approved the following 2008 meeting dates:***

***March 6, 2008***

***May 22, 2008***

***August 28, 2008***

***November 13, 2008***

**4. Standards Committee Vacancies Update**

Vice Chair Acton reported the following seats are open:

- Cooperative Utility Sector (2 seats)
- Generator and/or Power Marketer (1 seat)

Vice Chair Acton went further to report that one nomination for the Cooperative Sector has been received; solicitation should continue.

Ms. Humenansky also reported that two new sectors have been added to the MRO organization: (1) Small End-Use Electricity Customer and (2) Large End-Use Electricity Customer. She went further to say that both sectors have received an email soliciting nominations.

**5. Review of MRO Manual on Web Site**

*a. MRO Standing Committee Procedure*

Secretary Brusseau reviewed the current set of changes:

- Added Appendix 1 – RAC Technical Guides/Procedures
- Added list of MAPP Policies/MAIN Guides that are retired and/or waiting for retirement.

Secretary Brusseau reported that the online manual will be kept up to date as changes warrant; the print version will only be updated quarterly.

**6. Standards**

*a. Standards Process Manual for Organizational Standards*

Mr. Brusseau referred the Committee to Tab 5 of the agenda which contained a redline of the Standards Process Manual. Secretary Brusseau reviewed the changes and opened the floor for additional changes; Secretary Brusseau will make the suggested changes.

*b. Regional Reliability Standards Update*

- i. RES-501-MRO-01
- ii. PRC-502-MRO-0
- iii. TPL-503-MRO-01
- iv. TPL-504-MRO-01

Secretary Brusseau reported that the four standards were approved by the ballot body in round one; they have been submitted for recirculation. The drafting team met October 31, 2007 to review the resource standard; minor errata changes will be made. The final standard will be added to the agenda for approval at the December 6, 2007 MRO Board of Directors meeting.

*c. Fill-in-the-Blank Standards 2008-2010 Work Plan Discussion*

Secretary Brusseau reported that the NERC Regional Reliability Standards Committee has not met since the last Standards Committee meeting. NERC is targeting Q1 2008 for monitoring underfrequency load shedding.

## 7. MRO Reports

### a. NSRS Report

#### Commented SARS 9sent to NERC)

- TPL-001-1: Transmission System Planning Performance Requirements
- Project 2006-01: System Personnel Training
- Project 2006-03: System Restoration and Blackstart Comment Form
- Project 2007-03: Real-Time Operations

#### Currently Commenting

- Project 2006-07: ATC/TTC/AFC and CBM/TRM Revisions (POC needed)
- Project 2007-23: Violation Severity Levels (POC needed)

#### NSRS Voting Recommendations

- BAL-00-4-1: Affirmative
- CIP-006-1: Negative (interpretation not needed; already covered in the standard)
- BAL-005-1 Requirement 17: Affirmative

Passed Standards (first round of balloting – responses to comments are being conducted by the Augmentation Drafting Team)

- RES-501-MRO-1: Planned Resource Adequacy Assessment
- PRC-502-MRO-1: Power System Stabilizer Requirement
- TPL-503-MRO-1: System Performance Requirement
- TPL-504-MRO-1: Subsynchronous Resonance Requirement

### b. Standards Manager Report

Secretary Brusseau referred the Committee to the handout packet which contained the Standards Manager Report (Exhibit #1).

### c. Staff Update

#### i. Compliance Committee

No report.

#### ii. Reliability Assessment Committee

No report.

## 8. NERC Reports

### a. Interchange Subcommittee

Mr. Brytowski reported that Don Lacen has replaced Al Boesch as Chair and Christopher Pacella is the new Vice Chair.

### b. Resource Subcommittee

Mr. Oneal reviewed the highlights from the last subcommittee meeting.

### c. Resource Issues Subcommittee

No report.

### d. Standards Committee

No report.

### e. Compliance and Certification Committee

No report.

- f. Regional Reliability Standards Working Group  
No report.
  
- 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 SAR Drafting Team  
No report.
  
  - iv. Balancing Authority Controls SAR Drafting Team  
No report.
  
  - v. Certifying System Operators SAR Drafting Team  
No report.
  
  - vi. Disturbance Monitoring Standards Drafting Team  
No report.
  
  - vii. Facility Ratings Standards Drafting Team  
No report.
  
  - viii. Frequency Response Standards Drafting Team  
No report.
  
  - ix. Generator Verification SAR Drafting Team  
No report.
  
  - x. Operating Personnel Communication Protocols Standards Drafting Team  
No report.
  
  - xi. Operate Within IROL Standards Drafting Team  
No report.
  
  - xii. Reliability Based Control SAR Drafting Team  
No report.
  
  - xiii. Reliability Coordination Standards Drafting Team  
No report.
  
  - xiv. Resource Adequacy Assessments Standards Drafting Team  
No report.
  
  - xv. System Personnel Training Standards Drafting Team  
No report.
  
  - xvi. System Restoration & Blackstart SAR Drafting Team  
No report.

xvii. Real-Time Operations SAR Drafting Team  
No report.

xviii. Relay Loadability Drafting Team  
No report.

xix. Underfrequency Load Shedding Drafting Team  
No report.

xx. Vegetation Management Standards Drafting Team  
No report.

xxi. Violation Severity Levels Drafting Team  
No report.

**9. Task List Review**

Secretary Brusseau referred the Committee to the handout packet which contained the task list (Exhibit #2).

**10. Other Business**

a. *Standards Committee Report to December 6, 2007 BOD Meeting*  
No report.

b. *FERC Document – Time Horizons/Sanction Guidelines*  
Secretary Brusseau referred the Committee to the handout packet which contained an excerpt from the FERC document (Exhibit #3).

c. *NERC Reliability Standards Workshop Notice*  
Secretary Brusseau referred the Committee to NERC's website regarding the upcoming Reliability Standards Workshop.

d. *NERC TIS Requests*  
Secretary Brusseau reported that the NERC TIS is asking for comments on TPL standards; the NSRS submits comments on behalf of the MRO.

**11. Next Meeting**

The next scheduled meeting of the Standards Committee is scheduled for March 6, 2008 at the MRO offices in Roseville, MN.

**12. Adjourn**

Having no further business, Vice Chair Acton adjourned the meeting of the Standards Committee at 1:42pm.

Prepared by:  
Sandy Humenansky, Administrative Assistant  
Midwest Reliability Organization

Reviewed and Submitted by:  
Larry Brusseau, Secretary  
Standards Committee

**1) Augmentation Drafting Team Standards Status**

All four MRO standards have passed the first round of balloting. Responses to comments are being conducted by the ADT.

*Four Regional Reliability Standards Timeline*

RES-501-MRO-01 (MRES-001-0) Generation Planning Reserve Requirement

- Review negative comments (10/31/07 and 11/02/07)
- Recirculation notice (11/05-11/07)
- SC motion to forward to Board for approval (11/23/07)
- Board agenda (11/26/07)
- Board approval (12/07/07)

PRC-502-MRO-01 (MPRC-018-0) Power System Stabilizer Requirement

- Review negative comments (10/31/07 and 11/02/07)
- Recirculation notice (11/05-11/07)
- SC motion to forward to Board for approval (11/23/07)
- Board agenda (11/26/07)
- Board approval (12/07/07)

TPL-503-MRO-01 (MTPL-001-0) System Performance Requirement

- Review negative comments (10/31/07 and 11/02/07)
- Recirculation notice (11/05-11/07)
- SC motion to forward to Board for approval (11/23/07)
- Board agenda (11/26/07)
- Board approval (12/07/07)

TPL-504-MRO-01 (MTPL-007-0) Subsynchronous Resonance Requirement

- Review negative comments (10/31/07 and 11/02/07)
- Recirculation notice (11/05-11/07)
- SC motion to forward to Board for approval (11/23/07)
- Board agenda (11/26/07)
- Board approval (12/07/07)

**2) MRO Standards Process Manual**

Revised manual to add the following appendices:

- RAC Technical Guides/Procedures
- MRO Procedure for Seasonal Assessments
- MRO Coordinated Underfrequency Load Shedding Program (MAIN Guides/MAPP Policies)
- MAIN Guides Waiting for Retirement
- MAPP Operating Policies Waiting for Retirement
- MAPP Planning Standards Waiting for Retirement
- Retired MAPP Operating Policies

Staff added the voting language to the draft Standards Process Manual for Organizational Standards.

**3) RSVP**

Software Development

Working with RFC to add additional voting requirements for their region to match the FERC filing. Regions will be able to select the type of voting their

region needs. FRC requires a ballot pool for each standard to be voted on. Working with SPP and TRE to set them up with software.

RSVP Ballot Body (RBB)

No changes since the last Board meeting. Staff will be sending notification (November 30, 2007) to the RBB of their ability to change segments.

**4) Fill-in-the-Blank Working Group**

BAL-002 Disturbance Control Performance  
PRC-002 Define and Document Disturbance Monitoring Equipment (SDT)  
PRC-006 Development and Documentation of Regional UFLS Programs (SDT)  
PRC-012 Special Protection System Review Procedure

**5) NSRS Update**

SARS Commented for the MRO and Sent to NERC

TPL-001-1: Transmission System Planning Performance Requirements (first draft)  
Project 2006-01: System Personnel Training  
Project 2006-03: System Restoration and Blackstart  
Project 2007-03: Real-Time Operations

Current Commenting

Project 2006-07: ATCTC/AFC and CBM/TRM Revisions (POC needed)  
Project 2007-23: Violation Severity Levels (POC needed)

Voting Recommendations

BAL-004-1 Affinitive  
CIP-006-1 Negative; interpretation not needed; already covered in the standard  
BAL-005-1 Requirement 17 Affirmative

Three members have resigned from the subcommittee.

**6) Retirement of MAPP/MAIN Standards**

No additional retirements will be issued until the MRO Regional Standards are approved.

**7) NERC Standards Drafting Team**

MRO staff is participating on the following teams:

- Disturbance Monitoring Equipment
- Underfrequency Load Shedding
- Backup Facilities
- Phase 3/4: Generator Testing

**8) MRO/RFC Coordination**

MRO staff is participating on the following teams:

- Disturbance Monitoring Equipment
- Generator Verification & Data Reporting
- Operating Reserve Standard
- Underfrequency Load Shedding

MRO staff works with RFC on the CDMS and RSVP database application and on the MISO tariff for resource adequacy.

**9) CDMS**

Work has finished on the NERC CDMS. Resources have been procured to work on enhancements for the regional CDMS. Current users include MRO, RFC (WebEx demo on CDMS v3.5 set for November 7), SPP (WebEx demo on CDMS V3.5 tentatively set for November 9) and TRE (training set for November 5 on CDMS V3.5). Staff will perform a WebEx for FRCC on the application on September 18.

**Exhibit #2**

Updated: November 1, 2007

**Standards Committee 2007 Activities List**

<b>Activities for 2007</b>	<b>Status</b>	<b>Assigned To</b>	<b>Due Date</b>
Identify retired MAPP/MAIN procedures	Completed. Posted on web site as an appendix to the MRO manual.	Staff	Next Meeting
Fill Standards Committee open seats	Ongoing. Being completed through the annual process.	Staff	Year End
Update manual procedures as warranted	Completed. Included in the Managers Report; MRO manual updated.	Staff	Ongoing
Link Disturbance Monitoring Form	Completed. Appendix 19 in the MRO manual.	Staff	Next Meeting
Clarification to Time Horizon definition	Completed. Handout provided.	Staff	Next Meeting
Post standards for ballot	Completed.	Staff	N/A
ADT conference call on RES-501-MRO-1	Completed.	Staff	N/A

Excerpt from FERC's Order on Compliance Filing (issued January 18, 2007) (Docket No. RR06-1-003)

**10. Time Horizon for Measuring Occurrence of Violation**

126. The *Certification Order* accepted NERC's proposed consideration of a Reliability Standards' time horizon as a possible adjustment to the penalty in calculating the base penalty amount. However, the Commission directed NERC to state the criteria it will use to determine the time horizon of a particular Reliability Standard so as to ensure consistency in determining Base Penalty Amounts.<sup>1</sup> We also required NERC to explain how its rationale for considering time horizon differs from the Violation Risk Factor NERC proposed for developing a penalty.

**a. NERC Response**

127. NERC replies that the time horizon of a Reliability Standard is considered as its temporal characteristic, which is based solely on when the impact on the system of performing or violating a particular requirement may be felt. According to NERC, some requirements call for immediate action to preserve the reliability of the Bulk-Power System. This type of requirement would be labeled a real-time operations requirement. Other requirements call for the building and evaluation of system models that are designed to identify potential weaknesses in the Bulk-Power System that is anticipated to be in place 10 years in the future. NERC identifies the following categories within the time horizon: real-time operations, same-day operations, operations planning, long-term planning, and operations assessment.

128. NERC also explains that Violation Risk Factors deal solely with the potential risk or impact on the system if a requirement is violated. In NERC's view, a high risk requirement can occur over all of the temporal range, just as a lower risk requirement can.

**b. Comments**

129. No comments were received on this portion of NERC's compliance filing.

**c. Commission Conclusion**

130. The Commission reserves comment on NERC's time horizon proposal until NERC provides further explanation of the Violation Risk Factors and the Violation Severity Levels. Since each requirement's time horizon appears to be contemplated within the standard itself and reflected in the assignment of the Violation Risk Factor and Violation Severity Level, the Commission seeks further detail from NERC regarding the relevance of including this characteristic in the penalty adjustment process.

---

<sup>1</sup> *Id.* At P 445.