Convene
Chair Herbert Schrayshuen convened the Reliability Metrics Working Group (RMWG) conference call on June 18, 2010.

Meeting Agenda
The meeting agenda can be found in Appendix B.

Members present in addition to the Chair were Vice Chair William Adams, Scott Benner, Heide Caswell, Donald Davies, James Eckert, Laura Elsenpeter, Eddy Lim, David Mcree, Jeff Mitchell, Ed Pfeiffer, Jerry Rust, Jeffrey Schaller, John Simpson, and Chad Thompson. Also present from NERC were Jessica Bian, and Rhaiza Villafranca, and Ryan Stewart.

NERC Antitrust Compliance Guidelines
Rhaiza Villafranca, NERC staff, directed the participants’ attention to the NERC Antitrust Compliance Guidelines, included as a part of agenda package.

Action Items
Chair called in the action items from May 18-19 meeting. All of the action items were completed.

Meeting Minutes – RMWG approved the May 18-19 meeting minutes.

New Chairman and Vice Chairman Search
Chairman Herbert Schrayshuen announced that his chairmanship will conclude on July 1st. The Vice Chair William Adams will assume the chairman position. Subsequently, the election in search for the Vice Chairman position will take place and will become final when the OC and PC approves.
**OC and PC Approval and Review**

Jerry Rust reported on the OC and PC’s conclusions to the following reports:

1. “2010 Annual Report on Bulk Power System Reliability Metrics” was approved by the PC and OC.

2. ALR3-5 IROL/SOL Excursion Data Request was approved by the PC and OC. The Board of Trustees (BoT) approval is to take place in August to make this data request mandatory.

3. Request feedback on the whitepaper “Integrated Bulk Power Risk Assessment Concepts,” feedback, which is due by June 30.

The need for a higher level assessment on the metrics was discussed at the OC and PC meeting. OC suggested expanding the RMWG’s scope to introduce this new role. This item will be discussed at the OC in September.

**Liaisons**

*Reliability Fundamentals Working Group (RFWG)*

Jerry Rust reported on the decision of the OC and PC to temporarily suspend this working group due to lack of participation.

*Canada Electricity Association (CEA)*

Jeff Schaller mentioned the scheduled meeting is open to all RMWG members; those who are interested should contact Jeff and Dan Gent gent@electricity.ca.

**Metrics Updates**

**Team 1**

Jerry Rust provided a summary of the ALR1-5, ALR1-12, and ALR2-3 metrics recommended for 2010. The team will further deliberate on their next steps on the following items:

- Sample trends, data sources and reporting requirements
- Update the proposals based on received input needed

Ed Pfeiffer withdrew the proposal for ALR1-1 Generator Reactive Limit because to its limited application.

**Team 2**

Jeff Mitchell went over the sample data presenting ALR4-1 on the correlation between TADS and Misoperations in preparation for a presentation to the System Protection and Control Subcommittee (SPCS) meeting scheduled in July, 2010.

**Team 3**

Jeff Schaller gave clarification on the questions directed to “Delivery Point”, a total of eight questions were received.
Next step is to rank the ALR6-20 and coordinate with TADSWG.

**Team 4**
Integrated Bulk Power System Risk Assessment Concepts” has been released for feedback to OC and PC and is open for comments by June 30.

**Adjourn**
Without any other further business the meeting adjourned at 4:00 P.M.

**Future meeting**
The next conference call is scheduled for September 23, 2010 at 3 – 4 PM.

Submitted by,
*Rhaiza Villafranca,*
NERC STAFF
<table>
<thead>
<tr>
<th>RMWG Action Items on June 18</th>
<th>Assigned To</th>
<th>Due by Target Date</th>
<th>Action Status</th>
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</table>
| 1. Consolidate feedbacks expected from the OC and PC by **June 30**  
• White Paper: Integrated Bulk Power Risk Assessment Concept and the  
• Nine 2010 Reliability Metric Proposals | Team 4 | **Last week of July** | • Schedule meeting to address comments from the OC and PC  
• Comments on new metrics will be addressed to the specific team |
| 2. Nomination for Vice Chairman position | All | **June 30** | Send nominations to Herb and Bill – **Completed on 7/1** |
| 3. Coordinate conference call and determine next steps for 2010 metrics:  
• ALR1-5,  
• ALR1-12, and  
• ALR2-3 | Team 1 | **Completed – Meeting is scheduled on July 9, Friday at 2PM** |
| 4. Coordinate agenda with SPCS for Jeff Mitchell on the proposed metrics for ALR4-1  
• Presentation slides preparation | Jeff Mitchell Team 2 | By June 30 for SPCE meeting scheduled on July 14 | **Completed – Meeting is scheduled on July 14-15** |
| 5. Coordinate a conference call for Team 3 on the final version of ALR 6-20  
• Coordinate a meeting with Ron Niebo, to review the final version of this metric before TADSWG meeting scheduled on August 24 and 25 | | July 30 | Collaboration through email - **Completed** |
| 6. Joint Webinar meeting will take place on September 22 for two hours  
• Collaborate details with RMWG presenters: Jerry Rust and John Simpson | NERC Staff (prepare web details) | Mid August | Prepare webinar requirements – **Completed** |
Agenda

1. Chairs Remarks – Herb S.
2. Antitrust Guidelines (attachment 1)
3. New Chair and Vice Chair:
   Herb Schrayshuen’s appointment to NERC as the Vice President and Director of Standards.
   For complete details please refer to this public announcement sent on 6/9/2010: http://www.nerc.com/fileUploads/File/NERC%20Executive%20Team%20Announcement%206-9-10.pdf
4. May 18-19 Meeting Minutes (attachment 2)
5. Jerry Rust report from PC/OC on:
   - Annual Report
   - ALR3-5 Data Request
   - Draft – Integrated Bulk Power System Risk Assessment Tools
   - 2010 Metric Proposals
5. Liaison Reports Updates - Information
   - Forum – David D.
   - RAS – Herb S.
   - RFWG – Jerry R.
   - RS – Jerry R.
   - G&TRPMTF – Ed P.
   - CEA – Jeff S.
   - RCWG - Joel W.
   - TIS – Gary B.
   - TADSWG – Mike P.
6. Team Updates
   Team 1 – Jerry R.
   Metric that is advanced:
   - ALR1-12 Interconnection Frequency Response – see attached
   - ALR2-3 Activation of Under Frequency or Under Voltage Load Shedding (UFLS and UVLS) – Next Steps
   Considered and not advanced:
   - ALR1-1 Generator Reactive Limit – see attached
Team 2 – Jeff M.
  • ALR4-1 – Next steps
  • ALR3-5 – Next steps upon data request approval

Team 3 – John Simpson
  • ALR6-20 Bulk Power/ Electricity System Delivery
    o Responses on frequently asked questions

Team 4 – Heide C.
  • Integrated Bulk Power System Risk Assessment Concepts

7. Joint Webinar on September 22 11:00 AM EDT- Wednesday 2 hours, moved 2 weeks after the PC & OC meeting

8. Next conference call is on August 18, 2010, July 14th call is cancelled.

9. Next face to face meeting on September 22-23
  • Conflicts with other meetings
  • As a suggestion, to move it on Oct 6-7, Wednesday to Thursday or Oct 20-21 Wednesday to Thursday.