

Regional Reliability Standards Working Group

October 2–3, 2007

Florida Reliability Coordinating Council Offices
The Towers at Westshore
1408 N. Westshore Boulevard, Suite 1002
Tampa, Florida 33607
813-289-5644

Meeting Notes

1. Administrative Items

a) Introductions/Attendance

David Taylor welcomed the Regional Reliability Standards Working Group (RRSWG) members and guests.

Patrick Huntley — SERC Reliability Corporation
Robert (Bob) Millard — ReliabilityFirst Corporation
Farzaneh Tafreshi — Texas Regional Entity
Vann Weldon — Electric Reliability Council of Texas, Inc.
Mak Nagle — Southwest Power Pool
John E. Odom — Florida Reliability Coordinating Council
Kenneth Wilson — Western Electricity Coordinating Council
Guy V. Zito — Northeast Power Coordinating Council, Inc.
David Taylor — North American Electric Reliability Corporation

b) NERC Antitrust Compliance Guidelines

David Taylor reviewed the NERC Antitrust Compliance Guidelines.

c) Meeting Notes

Mak Nagle agreed to take the notes for this meeting.

d) Past Meeting Notes — August Meeting

The notes from the August meeting were discussed. Guy Zito requested to add the reference of NPCC's Standards Dictionary discussion in the minutes. This was included in the minutes.

e) Administrative

Dave Taylor requested each RRSWG member to review NERC roster and send changes (if any) to him.

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2) Regional Standard versus Regional Criteria

David Taylor updated the group on the progress of posting the regional criteria on the NERC Web page. NPCC, RFC, SPP, SERC, and MRO 's regional criteria are already mapped to the NERC web-page.

Action Item: Farzaneh Tafreshi will follow-up with TRE staff and see the possibility of getting ERCOT's criteria mapped on the NERC's web page.

FRCC is in a process of converting their standard handbook and determine which of these are policies and standards.

3) Regional Delegation Agreements — Appendix C

Dave Taylor and Mak Nagle discussed the SPP Standard approval process and the comments received by one of the industry members on this.

NERC has decided not filing the 34 Common Attributes requirements with delegation agreement. They will continue to follow it as a reference.

NERC will file all the delegation agreements on October 16, 2007

David Taylor updated the group on the progress of posting the regional criteria on the NERC web page. NPCC, RFC, SPP, SERC, and MRO's regional criteria are already mapped to NERC web-page.

4) Regional Variance

NERC staff will make an effort to meet with FERC staff and clarify terminology used as regional differences vs. Regional variance during Regional standard Development. (Ref: FERC 2006 ERO certification Order, Docket No: RR06-1-000)

ERCOT brought a question on how to comply with BAL-001 as they already have a waiver being a single Balancing Authority not synchronously connected to any neighboring system. RRSWG suggested ERCOT to file their comment on SAR posted under Project 2007-018 – Reliability Based Control as it is posted for comments till October 9, 2007

Ken Wilson informed the RRSWG that WECC is planning to request for a separate TPL standards for the Western Interconnect due to the regional variance.

5) Creating Uniform Regional Standards

NERC staff is willing to share drafting team guidelines with different regions. NERC's Manager of Reliability Standards will make an attempt to visit other region's standard drafting team meetings. Dave requested each region to inform NERC when the SAR is posted for the regional standard; this way, the regional standard development link can be created on NERC website

(http://www.nerc.com/~filez/regional_standards/regional_reliability_standards_under_development.html)

Action Item: NERC Staff to develop 2–3 page blueprint for the evaluation of the regional standard evaluation procedure that will include contact, email address, review check-list, web-site reference, and other necessary details.

6) NERC Three-year Standard Development Plan

NERC is in a process of developing a revised 3 year standard development plan. This will include an explanation of some of the projects that were not completed or delayed as per the previous schedule. Also, this revised work plan will address standards that are listed in multiple projects. This revised work plan also includes the status of the on-going projects.

Dave requested RRSWG to review this work plan (Volume I, II, and III) and submit any comments

7) NERC comments to the FERC NOPRs

Guy Zito led the discussion on how the NERC comments to the FERC NOPRS are drafted, by whom, and how the Regions (as RE) can more actively participate. (e.g. Cyber Standards NOPR issued recently). In the past, the comments go through NERC's Planning Committee. FRCC drafting teams always address the directives that have come out of FERC Order 693. John Odom suggested waiting till the standard drafting team is formed and let them address FERC's comments and directives. For the NOPR issued regarding FAC-010 and FAC-011 standards, selected members of the drafting team met with the FERC staff to address their concerns.

Action Item: Dave Taylor will follow-up with Gerry Adamski to address on this issue

8) Regional Entity's responsibility under ERO Delegation Agreement

Bob Millard led the discussion on how to include in RE annual budget submission to NERC amounts for costs it will incur in support of delegation activities. In RFC delegation agreement, Exhibit C, RFC has listed few activities that would qualify as NERC ERO functions. These activities shall include:

- Reliability Standard Development (Section 300)
- Compliance Enforcement (Section 400)
- Organization Registration and Certification (Section 500)
- Reliability Readiness Audit and Improvement (Section 700)
- Reliability Assessment and Performance Analysis (Section 800)
(including necessary data gathering activities)
- Training and Education (Section 900)
- Situation Awareness and Infrastructure Security (Section 1000)

Each RE is requested to coordinate this with other similar REs for the consistency.

9) RRSWG Review of Recent Standard Posting

John Odom informed the RRSWG that TPL-001-1 does not have any fill-in-the-blank characteristics. This draft does not address TPL-005, which contains the RRO requirements. The RRSWG will need to review the next draft of TPL-001-1 (or the replacement standard for TPL-005 and TPL-006), when the drafting team addresses these

requirements. John also informed the RRSWG that he will keep the RRSWG posted on the progress of the team.

RRSWG discussed the following notes in the performance requirements:
(TPL-001 Draft 1, Page 10)

- *System steady state voltages and post-transient voltage deviation shall be within acceptable limits established by the Planning Coordinator (or Transmission Planner if more restrictive.)*

(TPL-001 Draft 1, Page 13)

- *Dynamic voltages shall be within acceptable limits established by the Planning Coordinator or Transmission Planner (if more restrictive)*

(TPL-001 Draft 1, Page 16)

- *Power oscillations shall exhibit acceptable damping as established by the Planning Coordinator or Transmission Planner (if more restrictive).*

RRSWG determined that this could qualify as Fill-in-the Blank characteristics. RRSWG will submit the comment as this draft standard is open for comments till October 26, 007

The comment should include following content:

- There is no requirement that PC, TP to establish this acceptable limit that is developed in a open and transparent process

Action Item: Mak Nagle will prepare a draft comment on behalf of RRSWG

10) Review of Regional Reliability Standards and other relevant NERC standards under Development

Dave Taylor and Ken Wilson gave an overview of all the WECC standards that are under development.

Action Item: Dave Taylor will identify and report to the RRSWG with proper compliance monitoring responsibility (compliance enforcement authority) guidelines

Dave Taylor discussed the status of project 2007-23 (Replace Levels of Noncompliance with Violation Severity Levels). Under this project, the violation severity levels will be reviewed for 83 FERC approved standards.

Action Item: David Taylor will submit compliance measure or template to RRSWG

11) Review of Action Items from Last Meeting

David Taylor reviewed the action item list developed at the October 2, 2007 RRSWG meeting with the group:

Action Items	Status:	Assigned To:
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<ul style="list-style-type: none"> Each region to provide a catalog listing of regional reliability criteria. 	<p>Remains Open – MRO, TRE, FRCC yet to provide</p>	<p>All members of the RRSWG</p>
<ul style="list-style-type: none"> Dave to update the map of NERC regions in the Regional Reliability Standards page of the NERC website. 	<p>Remains Open</p>	<p>Dave Taylor</p>
<ul style="list-style-type: none"> Write a scope and rough draft on why we need regional standards BAL: Bob and Tony Disturbance monitoring : Pat Huntley UFLS: John Odom 	<p>Remains Open</p>	<p>Bob Millard, Tony Jablonski, Pat Huntley, John Odom</p>

12)Future Meetings

To be determined.