



Regional Reliability Standards Working Group

Southwest Power Pool Offices
415 North McKinley, #140 Plaza West
Little Rock, AR 72205
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May 22, 2007 — Noon–5 p.m. Central Time
May 23, 2007 — 8 a.m.–Noon Central Time

Meeting Notes

1. Attendance

Patrick Huntley — SERC Reliability Corporation
Bob Millard — ReliabilityFirst Corporation (Phone)
Anthony Jablonski — ReliabilityFirst Corporation (Phone)
Steve Myers — Electric Reliability Council of Texas, Inc.
Roy McCoy — Electric Reliability Council of Texas, Inc.
Farzaneh Tafreshi — Electric Reliability Council of Texas, Inc.
Mak Nagle — Southwest Power Pool
Kenneth Wilson — Western Electricity Coordinating Council
David Taylor — North American Electric Reliability Corporation

a) NERC Antitrust Compliance Guidelines

David Taylor reviewed the NERC Antitrust Compliance Guidelines. It is NERC’s policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition. It is the responsibility of every NERC participant and employee who may in any way affect NERC’s compliance with the antitrust laws to carry out this commitment.

b) Meeting Notes

The group selected Farzaneh Tafreshi to “volunteer” to take the notes for the meeting.

2) Review of Action Items from Last Meeting

David Taylor reviewed the action item list developed at the April 30, 2007 RRSWG Webex meeting with the group:

Action Items	Status:	Assigned To:
<ul style="list-style-type: none"> Discuss the regions’ UFLS programs at the UFLS standards drafting team meeting. 	<p>Overviews of each region’s UFLS program are to be provided during June 20-22nd meeting of the UFLS Standard Drafting Team in Tampa (Project 2007-01). The purpose is to provide the UFLS SDT an overview of UFLS methodologies used in each of the different regions.</p> <p>Remains Open</p>	<p>Each RRSWG – member is to provide Dave with the name of the individual that will be presenting their region’s methodology</p>
<ul style="list-style-type: none"> NERC Regional Reliability Standards Evaluation Procedure - Dave is to correct bullet number 1 under step 2 to match the form. 	<p>At their March 13, 2007 meeting the Standards Committee voted for no involvement in regional standards development process. So the NERC Regional Reliability Standards Evaluation Procedure will be updated to correct bullet number 1 under step 2 to match the form at the end of the document. Also, Dave Taylor will change rules for urgent action such that a standard developed under an urgent action will remain a standard and will not expire after 1</p>	<p>David Taylor</p>

Action Items	Status:	Assigned To:
	<p>year. During the April 30 conference call Dave asked the group to review the procedure again and provide him with any additional comments by May 4.</p> <p>Dave provided an updated NERC Regional Reliability Standards Evaluation Procedure as part of the material for the May 22-23 RRSWG meeting. This topic will be discussed later today.</p> <p>Complete</p>	
<ul style="list-style-type: none"> • Dave Taylor is to post the version 0 of the NERC Regional Reliability Standards Evaluation Procedure on the Regional Standards portion of the NERC website. 	<p>Remains Open</p>	David Taylor
<ul style="list-style-type: none"> • David Taylor is to update Appendix A of the NERC Regional Reliability Standards Evaluation Procedure to add more detail to the justification section of the submittal form for a request for a regional standard. 	<p>Will be completed when the procedure is updated.</p> <p>Dave provided an updated NERC Regional Reliability Standards Evaluation Procedure as part of the material for the May 22-23 RRSWG meeting. This topic will be discussed later today.</p> <p>Complete</p>	Each RRSWG – member is to provide Dave with the name of the individual that will be presenting their region’s methodology
<ul style="list-style-type: none"> • All to discuss ways for creating more uniform standards across all the regions. For example, assigning regional coordinators to standard drafting teams, NERC identification of expectations for submittal of regional standard requests, increased level of detail needed for “procedures”, what is available for “tool boxes”, etc. 	<p>See Item 6 below.</p> <p>Complete</p>	All members of the RRSWG
<ul style="list-style-type: none"> • Ken Wilson is to provide David Taylor with revisions to the WECC portion of the Regional 	<p>Ken is working on this.</p> <p>Remains Open</p>	Ken Wilson

Action Items	Status:	Assigned To:
Standards Under-development page.		
<ul style="list-style-type: none"> David Taylor to issue letter to each region requesting a catalog listing of all regional reliability criteria and further requesting each region notify NERC of changes to the listing. 	<p>Dave will issue the letter. In the mean time the RRSWG are requested to collect this information and be prepared to discuss this issue at the RRSWG meeting scheduled in Little Rock May 22-23.</p> <p>Dave issued the letter since the last meeting of the group.</p> <p>Complete</p>	David Taylor
<ul style="list-style-type: none"> Each region to provide a catalog listing of regional reliability criteria. 	<p>Remains Open</p>	All members of the RRSWG
<ul style="list-style-type: none"> David Taylor to develop a rotation for assigning review of all posted standards and SARs for “fill-in-the-blank” characteristics and regional impacts. 	<p>The group decided to review only draft standards and not SARs. Dave will still develop a rotation.</p> <p>See Item 7 below.</p> <p>Complete</p>	David Taylor
<ul style="list-style-type: none"> Dave to update the scope of the RRSWG on the RRSWG portion of the NERC website. 	<p>Dave updated the RRSWG portion of the NERC website since the last meeting of the group.</p> <p>Complete</p>	David Taylor
<ul style="list-style-type: none"> David Taylor to add WECC ATEC standard to the WECC section of the Regional Reliability Standards Under Development. 	<p>Dave added the WECC ATEC standard to the WECC section of the Regional Reliability Standards Under Development website since the last meeting of the group.</p> <p>Complete</p>	David Taylor
<ul style="list-style-type: none"> David Taylor to provide the group with the latest definition of Mitigation Time Horizon for inclusion into the standard template for each of the regional standards development procedures. 	<p>Dave provided the group with the latest definition of Time Horizon since the last meeting of the group.</p> <p>Complete</p>	David Taylor

3) NERC Regional Reliability Standard Evaluation Procedure

David Taylor reviewed recent updates to the NERC Regional Reliability Standards Evaluation Procedure.

The procedure was unanimously endorsed by the RRSWG.

4) NERC Regional Reliability Standards Web Page

David Taylor reviewed recent updates of NERC's regional reliability Web page with the group. Each region confirmed the information posted for their region on the Regional Standards Under Development page is up to date.

Action Item: Dave will complete the status of the WECC ATEC standard on the Regional Standards Under Development section of the NERC website.

5) Regional Standard versus Regional Criteria

The concept of regional standard versus regional criteria was discussed. Attendees shared their view on the "Regional Criteria" and their experiences and interpretations of the "regional criteria".

SPP, NPCC and RFC have already sent links to their Regional Criteria.

ERCOT stated that they have no regional criteria; rather, they have a set of Market Rules which have elements of reliability in them.

WECC and SERC elaborated on their reliability guidelines and procedures, and their technical issues.

RFC has some "board approved standards" and "legacy documents" which are planning to submit to NERC.

FERC is interested to see what criteria exist in each region.

6) Creating Uniform Regional Standards

David Taylor discussed ways to improve the development of uniform standards across the regions. He included discussion of potential tools and "tool box" for use by regional standards drafting teams.

Two items for the "tool box" were suggested:

1. Standard drafting team guidelines
2. PowerPoint Presentation for inaugural meeting of drafting teams

Action Item: Dave is to draft a presentation based on Maureen's SDT guideline.

Dave encourages regions to give the same presentation to their SDTs at the first meeting of each team, and to either use the same NERC standard drafting team guidelines or have similar guidelines for use within their regions.

7) RRSWG Review of Recent SAR and Standard Postings

The group discussed Transmission Loading Relief IRO-006. WECC shared their experiences regarding TLR.

Dave assigned a rotation for reviewing the posted standards drafts as each Standard Drafting Team develops them. The RRSWG review of the standards is limited to identifying “fill-in- the- blank” characteristics which must be changed.

8) Regional Delegation Agreements – Appendix C

The group discussed the actions being taken by each region to comply with FERC’s April 19, 2007 Order regarding the regional delegation agreements, specifically with respect to Appendix C, the Regional Standards Development Procedures.

Bob Millard reviewed the actions to be taken by RFC to address FERC directives. Dave Taylor suggested to regions who intend to modify their Regional Standards Development Procedure to take note of FERC directives on all exhibit Cs to insure proper reflection of the FERC requests and modify their procedure accordingly.

It was also suggested that regions consider a “Conforming with NERC Standards Development Procedure Change” process in order to have the regional SD process reflect revisions that may be made to the NERC SD procedure.

9) Wind Turbines can improve or deteriorate bulk power reliability, how to verify this? Question to RRSWG

David shared an email from a Wind Turbine company in Germany. Dave is to seek input from NERC executives on the subject. Steve Myers pointed out that such requests may be more of a vendor endorsement nature rather than reliability/ compliancy nature.

10) Review of Action Items

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<ul style="list-style-type: none"> Discuss the regions' UFLS programs at the UFLS standards drafting team meeting. 	<p>Overviews of each region's UFLS program are to be provided during June 20-22nd meeting of the UFLS Standard Drafting Team in Tampa (Project 2007-01). The purpose is to provide the UFLS SDT an overview of UFLS methodologies used in each of the different regions.</p> <p>Remains Open</p>	<p>Each RRSWG – member is to provide Dave with the name of the individual that will be presenting their region's methodology</p>
<ul style="list-style-type: none"> Dave to post UFLS roster on RRSWG portion of the NERC website 	<p>NEW</p>	<p>David Taylor</p>
<ul style="list-style-type: none"> Discuss the regions' Disturbance Monitoring program 	<p>Overviews of each region's Disturbance Monitoring (DM) program are to be provided during Aug 7-9 meeting of the DM Standard Drafting Team in Tampa (Project 2007-11). The purpose is to provide the DM SDT an overview of DM methodologies used in each of the different regions.</p> <p>NEW</p>	<p>Each RRSWG – member is to provide Dave with the name of the individual that will be presenting their region's methodology</p>
<ul style="list-style-type: none"> Dave Taylor is to post the version 0 of the NERC Regional Reliability Standards Evaluation Procedure on the Regional Standards portion of the NERC website. 	<p>Remains Open</p>	<p>David Taylor</p>
<ul style="list-style-type: none"> Dave is to post the Appendix A, B and C of the Regional Standards Evaluation Procedure as separate WORD files on the Regional Standards portion of the NERC website. 	<p>NEW</p>	<p>David Taylor</p>
<ul style="list-style-type: none"> Dave will complete the status of the WECC ATEC standard on the Regional Standards Under Development section of the NERC website. 	<p>NEW</p>	<p>Dave Taylor</p>

Action Items	Status:	Assigned To:
<ul style="list-style-type: none"> Ken Wilson is to provide David Taylor with revisions to the WECC portion of the Regional Standards Under-development page. 	Ken is working on this. Remains Open	Ken Wilson
<ul style="list-style-type: none"> Each region to provide a catalog listing of regional reliability criteria. 	Remains Open	All members of the RRSWG
<ul style="list-style-type: none"> Dave to examine the Std homepage to streamline and organize the items and links and share the changes with the RRSWG team in the face to face meeting in August 	NEW	Dave Taylor
<ul style="list-style-type: none"> Dave to add the regional criteria on the Regional Reliability portion of the NERC website. 	NEW	Dave Taylor
<ul style="list-style-type: none"> Dave to update the map of NERC regions in the Regional Reliability Standards page of the NERC website. 	NEW	Dave Taylor
<ul style="list-style-type: none"> Dave to change the reference of April 2007 to April 2006 on the third paragraph of the RRSWG scope on the webpage. “The RRSWG was formed in April 2007 to...” 	NEW	Dave Taylor
<ul style="list-style-type: none"> Each region is to provide Dave the name and e-mail address of the contacts to receive official correspondence between NERC and the region. 	NEW	Each RRSWG – member is to provide Dave with the name and e-mail address of those at their region to receive official correspondence from NERC
<ul style="list-style-type: none"> Write a scope and rough 	NEW	Bob , Tony ,

Action Items	Status:	Assigned To:
draft on why we need regional standards <ul style="list-style-type: none"> • BAL: Bob and Tony • Disturbance monitoring : Pat • UFLS: John O. 		Bob Millard, Tony Jablonski, Pat Huntley, John Odom
<ul style="list-style-type: none"> • David Taylor to provide the RRSWG with the NERC Standard Drafting Team Guidelines once Maureen Long finishes inaugural draft 	NEW	David Taylor
<ul style="list-style-type: none"> • Dave is to draft a PowerPoint presentation for use by the regional drafting teams based on Maureen's SDT guideline 	NEW	Dave Taylor

11) Next Steps

The group confirmed the future meeting dates and locations as follows:

- June 29, 2007
10 a.m.–1 p.m. Eastern Time
WebEx and conference call
- August 1–2 — WECC offices (Salt Lake City, Utah)
1–5 p.m. Mountain Time on August 1
8 a.m.–3 p.m. Mountain Time on August 2
- September 4, 2007
1–5 p.m. Eastern Time
WebEx and conference call
- October 2–3, 2007 — FRCC offices (Tampa, Florida)
1–5 p.m. Eastern Time on October 2
8 a.m.–3 p.m. Eastern Time on October 3