

Meeting Notes Regional Reliability Standards Working Group

May 19, 2008 | noon–5 p.m.
May 20, 2008 | 8 a.m.–noon
SPP Offices
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Little Rock, AR -72205
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Administrative

1. Arrangements and Safety Message

2. Introductions and Attendance

- Stephanie Monzon (NERC)
- Guy Zito (NPCC)
- Farzaneh Tafreshi (TRE)
- Kenneth Wilson (WECC)
- Robert W. (Bob) Millard (RFC)
- Patrick Huntley (SERC)
- Judith James (TRE, WebEx, and phone)
- Anthony Jablonski (RFC, WebEx, and phone)
- Vann Weldon (ERCOT)
- John Odom (FRCC, WebEx, and phone)
- Mak Nagle (SPP)
- Nick Henry (FERC)
- Larry Brusseau

3. NERC Antitrust Compliance Guidelines

The NERC Antitrust Compliance Guidelines were reviewed.

4. Meeting Notes

Kenneth Wilson will take the meeting notes.

RRSWG Topics

5. Review NERC Meeting with FERC on Regional Standards

There was a high level review of regional standards activities. This was a discussion regarding the NERC evaluation procedure and how it works. There are challenges regarding the NERC procedure. By the time NERC posts a standard, it has been approved by the region's Board of Directors. It is difficult to make changes after regional Board approval. For example, RFC developed a reserve standard and two weeks later FERC issued an order requiring explicitly addressing DSM. It is difficult to address new issues once one is in the later stages of standard development.

We need to review the FERC directives before we develop standards. It is difficult to assess FERC orders because FERC may issue a directive that affects other standards different than the subject area.

NERC and FERC discussed regional variances, regional difference, waivers, exemptions, and regional standards. NERC discussed adding language to clarify these items. NERC will refine its procedure to clarify these issues.

Several of the NERC standards use the terms adjacent or neighboring. For ERCOT, this may not make sense with its relationship with ERCOT and WECC.

6. Review of the NERC Regional Standards Evaluation Procedure

The NERC Regional Standards Evaluation Procedure is found at the following link:

ftp://www.nerc.com/pub/sys/all_updl/sac/rrswg/NERC_Regional_Reliability_Standards_Development_Procedure_Version%200-0%202007-06-15_dwt.pdf

The NERC evaluation procedure for reviewing a regional variance is not clear and needs refinements. Discuss opportunities for improvement

- a. Does the process look for consistency with Orders, CWS, and other regional standards being developed?

FERC has issued orders that impact one area as well as other standards. It is difficult to vary that regional standards are consistent with the FERC Orders. The working group recommended developing a process to summarize a FERC Order. Bob noted that in FERC Order 693 FERC issued a directive requiring NERC to add specific references to demand side management (DSM) in operating reserve standards. RFC did not realize this also applied to the regions. As a result, RFC is redoing its operating reserve standard to include DSM.

- b. Discuss adding fourteen points into the process?

Fourteen points is part of the FERC filing process. The RRSWG agreed the 14 points should be added to the NERC Regional Standards Evaluation Procedure as an appendix or as a reference document that could be modified as required.

7. Subject Areas Not Covered by NERC Standards

For subject areas that are not covered by NERC standards there is a gray area between (1) going with a regional standard first and potentially forcing a continent wide standard and (2) starting with a NERC SAR. The former makes sure that the region needs are addressed relatively quickly. The latter will probably take longer before the NERC standard gets approved. Are there any NERC ground rules?

If a regional standard has a continent wide implication do you develop a regional standard and a NERC process? There have been NERC standards that have stalled. Does a region present a SAR to force the issue at NERC? Should we develop a standard regionally or present a continent wide process? There are no ground rules.

FRCC and MRO want a resource adequacy standard. The NERC process became stalled. A region may have a need for a standard and other regions may not have the same need.

Conclusion: Each region needs to decide whether to pursue the development of a regional standard or to submit a standard request for a continent wide standard.

8. Common Language for TRE SAR

There was a discussion on the common language for the TRE SAR and the potential to leverage for future SARs. The RRSWG should work together to come up with the common language for regional SARs.

FERC-Ordered Modification to ERCOT Waiver to R2 of BAL-001-0 CPS2

TRE asked, what is the difference between a waiver, regional variance and regional difference? FERC expects in Order 693 that the waivers, regional variance and regional difference are in the standard form which includes Requirements, Measures and Levels of Non-Compliance.

Under-Frequency Load Shedding (UFLS) SAR

The group recommended the development of a common SAR for the UFLS standard for each region. There will not be a continent wide UFLS standard. NERC will request that the regions develop regional standards under Rules of Procedure 312.2. NERC is looking for the proper format for requesting that the regions develop regional standards for UFLS. The drafting team has developed the documentation for the request. The NERC UFLS standard request is just in the NERC queue waiting to be finalized. The regions do not know how to proceed in developing their regional standards until the NERC standard drafting team posts its information. Since the NERC drafting team has the draft USFL requirements prepared, if each region could get a copy of the information, then the regions could proceed with the development of UFLS standard requests based up the proposed documents. The working group reviewed the drafting team's recommendations and documentation.

9. MRO Presentation on Four Regional Standards

There was a brief MRO presentation on the four regional standards that were recently posted for a 45-day comment period.

Larry reviewed RES-501-MRO-01 regarding Resource Adequacy applicable to LSEs. The group discussed how to develop standards when standards need to apply to aggregators for LSEs and load as well as LSEs. LSEs do not want to register because they do not want to become subject to the NERC Reliability Standards. Permitting the formation of aggregators for LSEs and load may be a solution to this registration issue. MRO believes aggregators should be added to the functional model so that the RES-501-MRO-01 regional standard can include aggregators.

RES-502-MRO-01 is a standard that requires the installation and testing of Power System Stabilizers. MRO pointed out there is confusion between the use of Planning Authority in the Compliance Registry and Planning Coordinator in the Functional Model. MRO asked why NERC cannot issue an intent regarding the Functional Model, Compliance Registry, and standards. MRO recommend that NERC issue a letter to indicate Planning Coordinator and Planning Authority are the same.

RES-503-MRO-01 is a standard that requires interconnected transmission system to be planned under a performance table that has damping voltages.

TPL-504-MRO-01 is a standard regarding Sub-synchronous Resonance. The Transmission Planner is required to demonstrate through a valid sub-synchronous resonance assessment that all new system additions that have potential to excite sustained sub-synchronous torsional oscillations are planned, designed, and constructed to avoid causing generating unit shaft damage.

MBAL-002-0 is a standard regarding Contingency Reserves as Operating Reserve – Spinning. The standard requires that 40% of the Contingency Reserves must be spinning.

10. WECC Overview of Seven Regional Standards

WECC provided a brief overview of the seven regional standards that were posted for a 45-day comment period.

In 2007 WECC submitted eight regional standards to NERC for FERC approval. These standards were approved through WECC's expedited process that requires the development of a permanent replacement standard in one year. NERC and FERC requested refinements to those standards during that process that included the use of the NERC sanction table and conformance with the delegation agreement. The seven new standards are:

- a. FAC-501-WECC-1 — Transmission Maintenance
- b. IRO-006-WECC-1 — Qualified Path Unscheduled Flow Relief
- c. PRC-004-WECC-1 — Protection System and Remedial Action Scheme Misoperation

- d. TOP-007-WECC-1 — OTC Violations
- e. VAR-002-WECC-1 — Automatic Voltage Regulators
- f. VAR-501-WECC-1 — Power System Stabilizers
- g. BAL-002-WECC-1 — Contingency Reserve

Standing Agenda Items

11. Review Action Items from Last RRSWG Meeting (January 21, 2008)

Action Items	Status:	Assigned To:
Each region to provide a catalog listing of regional reliability criteria.	<p>Remains Open</p> <p>MRO, TRE, and FRCC yet to provide</p> <ul style="list-style-type: none"> • WECC is still developing their criteria — update site http://www.nerc.com/~filez/regional_standards/regional_criteria_wecc.html • WECC site — ask Lauren to change the date from 2007 to 2008 • John Odom: FRCC has their handbook on their site and was posted on January 14, 2008. John to send Stephanie a link to criteria. John sent Stephanie an update in January or February. • MRO and TRE are still developing their criteria. • Anthony to send Stephanie updates to the RFC criteria posted on the NERC Web site. • SERC to send Stephanie updates to the criteria in the future. 	<p>All members of the RRSWG</p> <p>MRO does not have regional criteria</p> <p>TRE has no criteria.</p>
<p>Write a scope and rough draft on why we need regional standards</p> <ul style="list-style-type: none"> • BAL: Bob and Tony • Disturbance monitoring: Pat Huntley • UFLS: John Odom 	<p>Remains Open</p> <ul style="list-style-type: none"> • John Odom has not completed the justification for the UFLS standard. John indicated that their UFLS standard is on version 6 and will soon be posted for comment. The justification will be needed to submit to NERC. • Pat Huntley — the justification has not been completed because it may become a continent wide standard • DM — moving to a CWS instead of regional standards • BAL — RFC submitted their regional standard to NERC/FERC for approval • UFLS — Moving towards eliminating the CWS because the rules of procedure cover the UFLS requirements. The ERO directive will include a provision for the regions to develop a standard using their regional procedure. The posting will include the directive and will include performance 	<p>Bob Millard, Tony Jablonski, Pat Huntley, and John Odom</p> <p>The working group agreed to move forward with each region's standard. This item is closed.</p>

Action Items	Status:	Assigned To:
	<p>requirements.</p> <ul style="list-style-type: none"> Bob will send the RRSWG a draft of the directive. 	
Need clarification on how to utilize the regional variance process for circumstances that TRE/ERCOT pointed out	Stephanie to discuss the timing of identifying a regional variance with NERC and the process for developing the variance past the posting period or initial standard development stages.	Stephanie Monzon and Dave Taylor
Report back to the group on the status of the web site.	Stephanie reported that the website has not yet been released in production; however, she demonstrated the site to the group in the NERC test environment.	Stephanie Monzon There are no details regarding the new NERC Web site.
<p>NERC solicited topics to address at the standards workshop</p> <p>Review Standards Workshop agenda</p> <p>Close this workshop. Fall Boston. Want a compliance element at the workshop. Have a panel discussion with NERC authority. Variety of participation at the workshop.</p> <p>Options for discussion at a workshop in October.</p>	<p>This is complete.</p> <p>Add discussion on variance during agenda item at 8:15 and suggest to discuss in more detail during break out session</p>	All Regions
What are the next steps for adopting and reviewing the numbering convention? The plan for communicating with industry?	Previous numbering convention presented last time was not consistent with the original numbering convention. NERC is revising the numbering convention.	Stephanie to follow up with NERC management
Web site updates	Members to send Stephanie an email with updates to their respective organization's info on the NERC Web site.	RRSWG members
<p>RFC Regional Standards Program</p> <p>Regional Managers are scheduled to finish this in June.</p>	FERC directed RFC to make minor changes to the language in the delegation agreement. Does NERC have to repost the agreement? RFC Board will not need to approve the changes since the order does not indicate that it needs to be re-approved.	Stephanie Monzon
<p>PRC 012 the correct number and status of the project</p> <p>Closed</p>	Stephanie to get a status on the entire project (CW)	Stephanie Monzon

12. Review Proposed 2008 RRSWG Schedule:

Guy recommended that the next few meetings be held via WebEx because of budget constraints. The group agreed to hold the next few meetings via WebEx.

Date	Comments	Suggested Location
July 15–16		WebEx
September 18–19	Guy to confirm NPCC site	NPCC or WebEx
November 11–12		FRCC or WebEx

13. Adjourn