

Conference Call and WebEx Notes Disturbance Monitoring Standard Drafting Team

Friday, April 18, 2008 | 2 p.m. EDT

Conference Number: 1(732)694-2061 | Conference code: 12080418082

Meeting Number: 717 687 982 | Meeting Password: drafting

Go to: <https://nerc.webex.com/nerc/j.php?ED=105116652>

1. Administrative

1.1. Roll Call

Stephanie Monzon to conduct roll call:

- Navin B. Bhatt — American Electric Power (Chair)
- Felix Amarth — Georgia Transmission Corporation
- Michael Brytowski — Midwest Reliability Organization (sitting in for Larry B.)
- Terry L. Conrad — Concurrent Technologies Corp.
- James R. Detweiler — FirstEnergy Corp.
- Barry G. Goodpaster — Exelon Business Services Company
- Robert (Bob) Millard — ReliabilityFirst Corporation
- Steven Myers — Electric Reliability Council of Texas, Inc.
- Jeffrey M. Pond — National Grid
- Jack Soehren — ITC Holdings
- Alan D. Baker — Florida Power & Light Company
- Bharat Bhargava — Southern California Edison Co.
- Daniel J. Hansen — Reliant Energy, Inc.
- Charles Jensen — JEA
- Tracy M. Lynd — Consumers Energy Co.
- David Taylor — NERC
- Stephanie Monzon — NERC

Those on the drafting team not in attendance:

- Charlie Childs — Ametek Power Instruments
- Richard Dernbach — Los Angeles Department of Water & Power
- Susan McGill — PJM
- Larry E. Smith — Alabama Power Company
- Willy Haffecke — Springfield Missouri City Utilities
- Larry Brusseau — Midwest Reliability Organization

Observers:

- o Richard Ferner — WAPA

2. NERC Antitrust Compliance Guidelines

Stephanie Monzon reviewed the NERC Antitrust Compliance Guidelines with the group.

3. Implementation Plan Discussion

Review implementation plan provided to the group.

The SDT reviewed the RFC implementation plan and modified it for this proposed standard.

The team identified that a mapping document from the legacy standards to this proposed standard should be drafted prior to posting (see action item below).

4. Comment Form for First Posting of the Proposed Standard

Utilize UFLS comment form as a starting point. Navin, Bob and Barry will work on the first draft of the comment form (see action item below).

5. Review plan for posting of standard

The SDT will like to post the first draft of the standard in May 2008. To accomplish this the SDT team has to complete the following:

- Mapping document (see action item below) — May 2
- Comment form (see action item below) — May 2
- Conduct a conference call to discuss the documents and prepare the posting — May 9, 2008 — noon EST

6. Action Items

Action Items	Status:	Assigned To:
Jim Detweiler agreed to supply the RFC implementation as the basis to develop an implementation for this project. Jim will work with Jeff Pond and Alan Baker to draft an implementation plan prior to the next meeting of the group.	Complete Jim sent the implementation plan on 4/14/2008.	Jim Detweiler, Jeff Pond, and Alan Baker
The group must resolve how to develop requirements for maintenance and testing of disturbance monitoring equipment (DME). Possible options include,	In Progress This issue will be addressed in the comment form to solicit industry feedback on how to proceed.	All

Action Items	Status:	Assigned To:
<p>adding maintenance and testing requirements to the draft PRC-002 standard, asking the Standards Committee to transfer the maintenance and testing requirements to the standard drafting team (SDT) for Project 2007-17 Protection System Maintenance and Testing, or some other solution. Ultimately, the maintenance and testing requirements for DME should “look and feel” like the maintenance and testing requirements developed by the SDT for Project 2007-17 Protection System Maintenance and Testing.</p>		
<p>Navin to supply the group with the white paper prepared by the Interconnection Dynamics Working Group (IDWG) that defined dynamic disturbance recording (DDR).</p>	Closed	Navin Bhatt
<p>Stephanie to survey the group to determine the dates for future meetings of the group.</p>	Closed	Stephanie Monzon
<p>Navin to lead a small group in drafting the measures for the requirements. Jack Soehren, Felix Amarh, and Barry Goodpaster volunteered to assist Navin.</p>	Open (remains open until we post)	Navin Bhatt, Jack Soehren, Felix Amarh, and Barry Goodpaster
<p>Steve Myers, Larry Brusseau, and Bob Millard to draft the VRFs and VSLs.</p>	Open (remains open until we post)	Steve Myers, Larry Brusseau, and Bob Millard
<p>Navin Bhatt, Bob Millard, and Barry Goodpaster agreed to draft a comment form for the first posting of the standard.</p>	In progress	<p>Navin Bhatt, Bob Millard, and Barry Goodpaster</p> <p>Target May 2 to distribute to the group</p>
<p>Still need to include the mapping document: maps the requirements in legacy standard (PRC-002 and PRC-018 — FERC approved standard) to the proposed standard</p>	New 4/18/2008	<p>Dan Hansen, Jim Detweiler</p> <p>Target May 2 to distribute to the</p>

Action Items	Status:	Assigned To:
<p>— volunteered to draft the first version of the mapping document. Need to consider the effective dates for PRC-002 and PRC-018.</p>		<p>group</p>
<p>Investigate the double jeopardy issue with NERC staff in the scenario that a piece of equipment that has requirements applied to it in this proposed standard but as a result of separating out the maintenance portion of the standard into another standard (for a piece of equipment that serves multiple functions incl. disturbance monitoring). Considering that boxes are becoming more integrated (i.e. they are serving more functions) this becomes an issue with applicability of requirements and compliance (when box “fails” what requirements did it violate and how would compliance measure violation?)</p>	<p>New 4/18/2008</p>	<p>Stephanie Monzon</p>

7. Next Steps

The SDT discussed the plan for posting (see agenda item above).

Prior to adjourning, Rich reminded the SDT that the current draft standard contains language that is stricken (but not deleted).

The SDT looked at the language and determined to delete the language on the basis that the standard has been determined to be a data recording standard. The language in Requirement R5 contains requirements identifying triggering events. The team determined that an entity will be required under this proposed standard to provide the fault data regardless of the triggering event they have set on the device; therefore, justifying the deletion of the requirement on triggering.

8. Adjourn

The meeting adjourned at 5:05 p.m. EST

Attachment 1 Antitrust Guidelines

I. General

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.

Antitrust laws are complex and subject to court interpretation that can vary over time and from one court to another. The purpose of these guidelines is to alert NERC participants and employees to potential antitrust problems and to set forth policies to be followed with respect to activities that may involve antitrust considerations. In some instances, the NERC policy contained in these guidelines is stricter than the applicable antitrust laws. Any NERC participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NERC's antitrust compliance policy is implicated in any situation should consult NERC's General Counsel immediately.

II. Prohibited Activities

Participants in NERC activities (including those of its committees and subgroups) should refrain from the following when acting in their capacity as participants in NERC activities (e.g., at NERC meetings, conference calls and in informal discussions):

- Discussions involving pricing information, especially margin (profit) and internal cost information and participants' expectations as to their future prices or internal costs.
- Discussions of a participant's marketing strategies.
- Discussions regarding how customers and geographical areas are to be divided among competitors.
- Discussions concerning the exclusion of competitors from markets.
- Discussions concerning boycotting or group refusals to deal with competitors, vendors or suppliers.
- Any other matters that do not clearly fall within these guidelines should be reviewed with NERC's General Counsel before being discussed.

III. Activities That Are Permitted

From time to time decisions or actions of NERC (including those of its committees and subgroups) may have a negative impact on particular entities and thus in that sense adversely impact competition. Decisions and actions by NERC (including its committees and subgroups) should only be undertaken for the purpose of promoting and maintaining

the reliability and adequacy of the bulk power system. If you do not have a legitimate purpose consistent with this objective for discussing a matter, please refrain from discussing the matter during NERC meetings and in other NERC-related communications.

You should also ensure that NERC procedures, including those set forth in NERC's Certificate of Incorporation, Bylaws, and Rules of Procedure are followed in conducting NERC business.

In addition, all discussions in NERC meetings and other NERC-related communications should be within the scope of the mandate for or assignment to the particular NERC committee or subgroup, as well as within the scope of the published agenda for the meeting.

No decisions should be made nor any actions taken in NERC activities for the purpose of giving an industry participant or group of participants a competitive advantage over other participants. In particular, decisions with respect to setting, revising, or assessing compliance with NERC reliability standards should not be influenced by anti-competitive motivations.

Subject to the foregoing restrictions, participants in NERC activities may discuss:

- Reliability matters relating to the bulk power system, including operation and planning matters such as establishing or revising reliability standards, special operating procedures, operating transfer capabilities, and plans for new facilities.
- Matters relating to the impact of reliability standards for the bulk power system on electricity markets, and the impact of electricity market operations on the reliability of the bulk power system.
- Proposed filings or other communications with state or federal regulatory authorities or other governmental entities.
- Matters relating to the internal governance, management and operation of NERC, such as nominations for vacant committee positions, budgeting and assessments, and employment matters; and procedural matters such as planning and scheduling meetings.