

Conference Call Notes Disturbance Monitoring SDT — Project 2007-11

Tuesday, February 10, 2009 | 1–3 p.m. EDT

1. Administrative

1.1. Roll Call

Stephanie Monzon conducted roll call. Those present are listed below:

- Terry L. Conrad — Concurrent Technologies Corp.
- James R. Detweiler — FirstEnergy Corp.
- Barry G. Goodpaster — Exelon Business Services Company
- Steven Myers — Electric Reliability Council of Texas, Inc.
- Jeffrey M. Pond — National Grid
- Jack Soehren — ITC Holdings
- Stephanie Monzon — North American Electric Reliability Corporation
- 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.
- Susan McGill — PJM
- Larry E. Smith — Alabama Power Company

Observers:

- Anthony Jablonski – RFC

Those not in Attendance:

- **Navin B. Bhatt** — **American Electric Power (Chair)**
- Felix Amarh — Georgia Transmission Corporation
- Robert (Bob) Millard — ReliabilityFirst Corporation
- Charlie Childs — Ametek Power Instruments
- Richard Dernbach — Los Angeles Department of Water & Power
- Willy Haffecke — Springfield Missouri City Utilities
- Richard Ferner — WAPA

2. NERC Antitrust Compliance Guidelines

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

3. Discuss Industry WebEx

The first draft of the DME standard was posted for industry comment on February 2, 2009 and will close on March 18, 2009. In order to facilitate that commenting process Bob Millard suggested conducting an industry WebEx to present the technical elements of the standard and answer any questions and address comments. The WebEx should be an hour or hour and a half and cover the basic technical requirements. The team will discuss what should be presented and who, when, and what.

Stephanie drafted a few introductory slides. The team reviewed the first few slides and had some general comments and revisions. Stephanie solicited volunteers to present the material on the webinar. Jeff Pond and Chuck Jensen both volunteered. The chair of the team, Navin, will be the main presenter as is the case with most of the webinars conducted by drafting teams.

Stephanie will send out the slides to the team. Jeff Pond will create a few slides summarizing the standard. Chuck Jensen will create a few slides summarizing the main technical aspects of the standard. Stephanie will continue to work on the background slides and will work on an implementation slide.

4. Discuss Technical Paper

The team agreed to meet via conference call on February 18, 2009 to discuss the technical paper.

5. Action Items

Action Items	Status:	Assigned To:
<p>The group must resolve how to develop requirements for maintenance and testing of disturbance monitoring equipment (DME). Possible options include, 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>In Progress</p> <p>This issue will be addressed in the comment form to solicit industry feedback on how to proceed.</p> <p>Discussed at the 12/08/08 call:</p> <p>The team reviewed the status of the issue clarifying that the team was going to post the standard and solicit industry feedback on omitting these requirements. The team would use this feedback to propose an alternate to the SC or NERC staff – possibly create a supplemental to SAR to the Maintenance project.</p>	<p>All</p>

Action Items	Status:	Assigned To:
Navin to lead a small group in drafting the measures for the requirements. Jack Soehren, Felix Amarrh, and Barry Goodpaster volunteered to assist Navin.	Closed	Navin Bhatt, Jack Soehren, Felix Amarrh, and Barry Goodpaster
Steve Myers, Larry Brusseau, and Bob Millard to draft the VRFs and VSLs .	Will Remain Open	Steve Myers, Larry Brusseau, and Bob Millard
Chuck, Jim and Alan will be proposing language for R5.1 and R5.2.	Completed	Chuck, Alan and Jim.
Willy will review the comment form to ensure that references to the standard are still correct.	Completed	Willy H.
Jim will look over the mapping form to ensure that references to the standard are still correct.	Completed	Jim D.

6. Next Steps

7. 2009 Schedule

Date and Time	Location	Comments
February 18, 2009	Conference Call	To discuss the technical paper
March 2, 2009	Conference Call	Webinar presenters and NERC staff required on this call to prep for the webinar
March 12, 2009 11 a.m.–12:30 p.m. EST	Industry Webinar	Need to confirm date with team and speakers
March 30, 2009 — 1–5 p.m. EST March 31, 2009 — 8 a.m.–5 p.m. EST April 1, 2009 — 8 a.m.–5 p.m. EST	FRCC Offices Tampa, FL	Confirmed by Chuck.

8. Other

Stephanie had a brief discussion with Bob Cummings about the standard. Bob C. would like to join one of the team’s conference calls to discuss his initial comments on the standard. Stephanie agreed to send out the meeting calendar to Bob C. and solicit e-mail feedback on the standard prior to our webinar.

9. Adjourn

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.

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Disturbance Monitoring Industry Webinar

Review of Draft Standard

to ensure
the reliability of the
bulk power system

- Provide background – why is this standard necessary - Stephanie
 - Continent-wide standard vs. regional standard
- Present the high-level technical aspects of the standard along with the team's rationale during the open comment period (2/2/09 – 3/18/09) - Chuck
- Review the first draft of the proposed Disturbance Monitoring Standard - Jeff
 - Review of the Purpose and Applicability of the proposed standard
 - High-level review of the technical requirements
- Implementation Plan – Stephanie
- Questions

- The purpose of this standard is to establish requirements for recording and reporting sequence of events (SOE) data, fault recording (FR) data, and dynamic disturbance recording (DDR) data to facilitate analysis of Disturbances. This standard will replace PRC-002-1 and PRC-018-1.
- The new standard (PRC-002-2) is being proposed based on the requirements of the existing PRC-002-1 (NERC approved) and PRC-018-1 (FERC approved) standards and a recommendation for replacing both of these existing standards is being proposed. The requirements in PRC-018-1 are being incorporated into PRC-002-2 with the exception of the maintenance and testing requirements in PRC-018-1.

1. Modify PRC-002-1 to remove the Regional Reliability Organization (RRO) in the applicability and eliminate the reference to the RRO in PRC-018-1.

Main Technical Elements - Chuck

Standard Overview - Jeff

Implementation Plan - Stephanie

Questions?