

## Conference Call and WebEx Notes Disturbance Monitoring SDT — Project 2007-11

Monday, November 24, 2008 | 2–4 p.m. EST

### 1. Administrative

#### 1.1. Roll Call

Stephanie Monzon conducted roll call:

- **Navin B. Bhatt** — American Electric Power (Chair)
- **Felix Amarh** — Georgia Transmission Corporation
- 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
- **Stephanie Monzon** — NERC
- **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.
- Charlie Childs — Ametek Power Instruments
- Richard Dernbach — Los Angeles Department of Water & Power
- **Susan McGill** — PJM Interconnection
- **Larry E. Smith** — Alabama Power Company
- **Willy Haffecke** — Springfield Missouri City Utilities
- **Larry Brusseau** — Midwest Reliability Organization

Those on the drafting team not in attendance are in gray above.

#### Observers:

- **Richard Ferner** — WAPA

### 2. NERC Antitrust Compliance Guidelines

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

### **3. Discuss the FERC Staff Review of the Draft Standard**

Stephanie attached the notes from the FERC meeting to the meeting material posted on the Web site. The group discussed the feedback given to the team.

Discussed documenting the technical rationale for the thresholds (200 kV and 500 MVA among other things) proposed in the standard.

The team discussed the goal for the standard. Is it a Root cause analysis versus “big picture”? What do you need to know for system stability? Events at the 100 level are mostly local but events at 200 kV will have impacts.

It was suggested that using an analytical process, for example, looking at the top 100 buses in a region and looking at their voltage levels and using this information to set the standard kV level.

Discuss adding a question on the Comment Form to solicit technical data to support the threshold (as advised by the NERC Standards Process Manager)

### **4. Discuss Revisions to the Draft Standards (.5 hours)**

Stephanie distributed the latest version of the standard 5.2.5 and received some feedback from team members. The group will discuss this feedback and make any last necessary revisions to the standard. Suggested revision:

R7: The text of R7 is almost the same as the text in table 7–1. Also, table 7–1 is not referenced in the R7 text. I suggest either eliminating table 7–1, or changing the text of R7 to read as follows:

"Each Transmission Owner shall record or have a process in place to derive the following Dynamic Disturbance Recording data for equipment owned by the Transmission Owner for locations identified in the Table 7–1 below:"

R8.: The text of R8 is the same as the text in table 8–1. Also, table 8–1 is not referenced in the R8 text. I suggest either eliminating table 8–1, or changing the text of R8 to read as follows:

"Each Generator Owner shall record or have a process in place to derive the following Dynamic Disturbance Recording data for equipment owned by the Generator Owner for locations identified in the Table 8–1 below."

The team decided to remove table 7–1 and table 8–1.

The team looked at requirement 5.1 and 5.2 and determined that the language was not sufficient for all the GSU arrangements. Chuck, Jim, and Alan would propose language to account for the various GSU arrangements by **December 5, 2008**. In

addition, they will look over the other requirements (SOE) to determine if there are impacts to those requirements.

### 5. Discuss the Remaining Documents and Their Status (.5 hours)

No revisions to the comment form, the mapping document and the implementation plan have been made as a result of the NERC staff review and the FERC staff review. These documents have remained unaltered since the team worked on them in July 2008. The team will review any necessary changes that need to be made to these documents due to changes to the draft standard.

- Willy will look over the comment form — by December 5.
- Jim will look over the mapping form — by December 12.

### 6. Action Items

Action Items	Status:	Assigned To:
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.	<b>In Progress</b>  <b>This issue will be addressed in the comment form to solicit industry feedback on how to proceed.</b>	All
Navin to lead a small group in drafting the <b>measures</b> for the requirements. Jack Soehren, Felix Amarth, and Barry Goodpaster volunteered to assist Navin.	<b>Open (remains open until we post)</b>	Navin Bhatt, Jack Soehren, Felix Amarth, and Barry Goodpaster
Steve Myers, Larry Brusseau, and Bob Millard to draft the <b>VRFs and VSLs</b> .	<b>Open (remains open until we post)</b>	Steve Myers, Larry Brusseau, and Bob Millard
Chuck, Jim and Alan will be proposing language for R5.1 and R5.2.	<b>New — due by December 5.</b>	Chuck, Alan and Jim.
Willy will review the comment form to ensure that references to the standard are still correct.	<b>New — due by December 5.</b>	Willy H.
Jim will look over the mapping form to ensure that references to the standard are still correct.	<b>New — due by December 12.</b>	Jim D.

### 7. Next Steps

Stephanie spoke with the NERC Standards Process Manager regarding posting the standard and will review the status of posting with the team.

Stephanie will solicit input from the team to set up the next in person meeting to take place early 2009.

- Stephanie will send out a spreadsheet for availability in February 2009.
  - February 17–18, 2009 at FRCC (full days on 17<sup>th</sup> on 18<sup>th</sup>)
  - **ALAN INDICATED THAT FRCC CAN ACCOMMODATE US ON THE 18<sup>TH</sup> AND 19<sup>TH</sup> ONLY. TEAM TO CONFIRM THIS IS OK.**
- December 8, 2008 2–4 p.m. EST — conference call to discuss technical paper.

## **8. Adjourn**

The meeting adjourned at approximately 4:24 p.m. EST.