

Notes

Disturbance Monitoring SDT — Project 2007-11

June 22, 2010 | 8:00 a.m. – 5:00 p.m.

June 23, 2010 | 8:00 a.m. – 4:00 p.m.

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1. Administrative

1.1. Roll Call (5 minutes)

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

- Jeffrey M. Pond — National Grid (Chair)
- Tracy M. Lynd — Consumers Energy Co. (Vice Chair)
- James R. Detweiler — FirstEnergy Corp.
- Steven Myers — Electric Reliability Council of Texas, Inc.
- Jack Soehren — ITC Holdings
- Stephanie Monzon — North American Electric Reliability Corporation
- Alan D. Baker — Florida Power & Light Company
- Daniel J. Hansen — RRI Energy, Inc.
- Charles Jensen – JEA
- Larry E. Smith — Alabama Power Company
- Felix Amarh — Georgia Transmission Corporation
- Willy Haffecke — Springfield Missouri City Utilities
- Frank Ashrafi – Southern California Edison

Observers:

- Richard Ferner — WAPA
- Danny Johnson – FERC
- Anthony Jablonski – ReliabilityFirst Corporation
- Sherry Goiffon – Oncor

2. **NERC Antitrust Compliance Guidelines (5 minutes)**

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

3. **Review of NERC Standards Process and Standard Drafting Team Responsibilities – Stephanie Monzon (20 minutes)**

Stephanie conducted a high level review of the Standards Process steps and the Standard Drafting team responsibilities. This is intended to be a “refresher” session of the process required steps and responsibilities.

Several team members asked about the use of informal feedback and the SDT responsibilities. Several SDT members offered that they are currently presenting the team’s status to several regional committees and working groups. These informal activities are helpful in garnering support for the standard and also collecting feedback for the improvement of the standard.

Stephanie clarified that the new process manual has not yet been approved by FERC. It was submitted to FERC for approval in June 2010. However, by the time this team is prepared to post the next version of the standard (in the fall timeframe) we would most likely be able to use the informal posting assuming that the manual receives FERC approval.

4. **MVA Preliminary Criteria – Tracy Lynd & Chuck Jensen (2.0 hours)**

Tracy and Chuck will lead a team discussion of the proposed MVA criteria.

Chuck presented the data based on region, TO, and area.

Proposed criteria based on the data analyzed

Each Transmission Owner shall have FR capability at 25% of the range of total busses listed in descending order by short circuit MVA, which are greater than or equal to 100 kV and have three-phase short circuit capability of 1500 MVA or above calculated under normal configurations.

- Excludes radial lines
- Do not have to monitor both ends of a line
- And do not have to monitor one buss away

Each Transmission Owner shall have FR capability at the 10% of their total highest busses that are greater than 100 kV and greater than 1500 short circuit MVA.

- Excludes radial lines
- Do not have to monitor both ends of a line
- And do not have to monitor one buss away

Draft 1 of the PRC-002-2 required GO's to install SOE, DFR and DDRs at 500 MVA or 1500 MVA aggregate at 200 kV above.

Proposal for GO's in the first draft of the standard was 500 MVA individual and 1500 MVA aggregate for DDR.

Dan indicated that based on "gut feel" an appropriate criteria for generators would be those generators connected to the busses above (applying the criteria) and 100 MVA and above (individual size) for DFR. 50 MVA for SOE. There is no need to develop an aggregate criteria.

Chuck indicated that if we are challenged as to why 1500 MVA? The 1500 MVA includes the 115kV system.

BREAK (30 minutes at 10:00 AM)

5. Review Reformatted Standard – All (3.0 hours)

- 5.1. The team reviewed the standard requirements (did not review the applicability or the definitions) through Requirement R17. The team had discussion about Requirement R17 but did not reach consensus on the sub-parts.
- 5.2. The team discussed applicability to the extent that Tracy proposed to consider including the Distribution Provider because currently there are some DP's that own facilities that are not captured by our draft standard that would require monitoring (as they are BES elements). The team discussed this proposal. They indicated that the challenge with including the DP's is that this would open up the "scope" of the standard to facilities that are not necessarily BES to capture those DP BES elements that are very few in number. Tracy and Jack confirmed that the BES elements owned by a DP in the ITC/Consumers area are very few. As a result, the team decided to exclude the DPs in the draft standard.

BREAK (60 minutes at 12:00 PM)

- 5.3. The team revised Requirement R6 and R7 specific to the FR criteria based on the criteria discussed and agreed to during the MVA analysis discussion. The team also reviewed and revised the SOE requirements based on the MVA results. The team reviewed the DDR requirements and decided to establish a criteria based on the MVA analysis and also include "other" items to the list of locations for DDR (Requirement R17) but did not reach consensus due to lack of time.

BREAK (30 minutes at 3:00 PM)

6. Consideration of Comments – Sub-team Leads: Jack, Tracy, Jeff (Tracy will cover), Jim, Willy (3.0 hours)

- 6.1. The team did not have time to cover this agenda item. The team spent all of their meeting time reviewing the agenda items above and decided to schedule follow-

up conference calls between this meeting and the next in person meeting scheduled for August (see schedule below) to cover the remaining agenda items.

7. Parking Lot Items – All (60 minutes)

7.1. The team agreed to keep a parking lot but did not put anything in the parking lot during the meeting. Stephanie captured several action items and resolutions (included in the action item/issues list in a separate word document).

8. 2010 Schedule (all times Eastern) – All (10 minutes)

Date and Time	Location	Comments
January 11, 2010 2-4 pm eastern	web-conference	Questions 10, 13, 18 Questions 11-12 Questions 16-17
February 2 -3, 2010 8-5 pm (both days)	In Person Meeting	Juno, FL
February 22, 2010 2-4 pm (both days)	web-conference	Questions 10, 13, 18 Questions 11-12
March 9, 2010 2-4 pm (both days)	web-conference	Question 12-17 at WECC Disturbance Group Questions 16-17
March 25, 2010 2-4 pm (both days)	web-conference	Question NV Energy
April 5, 2010 2-4 pm (both days)	web-conference	Question 12 – Northeast Utilities
April 22, 2010 2-4 pm	web-conference	Completed
May 25, 2010	Web-conference	
June 22-23, 2010 8-5 pm (both days)	In Person Meeting	Novi, Michigan (ITC)
August 24-26, 2010 noon-5 pm (Day 1) 8-5 pm (Day 2) 8-noon (Day 3)	In Person Meeting	Waltham, MA (NationalGrid)

July 12, 2010 1-3 pm eastern	Web-conference	Review Requirements R17 through R27
July 26, 2010 1-3 pm eastern	Web-conference	Review open issues Questions: TBD
August 17, 2010 1-3 pm eastern	Web-conference	Review agenda for MA meeting Review open issues Questions: TBD

9. **Other**

- 9.1. The team reviewed the schedule and scheduled additional conference calls between this meeting and the next in person meeting scheduled for August.

10. **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.