

## Assess Transmission Future Needs Standard Drafting Team

November 28, 2007

### Meeting Notes

#### 1. Administrative Items

##### a. Introductions and Quorum

The chair brought the meeting to order at 8 a.m. CST on November 28, 2007. The meeting was held at the offices of CenterPoint Energy in Houston, Texas. Meeting participants were as follows:

Darrin Church	Bill Harm	Bob Jones
Brian Keel	Tom Mielnik	Bob Millard, Vice Chair
John Odom	Bernie Pasternak	Bob Pierce
Paul Rocha	Chifong Thomas	Yury Tsimberg
Jim Useldinger	Dana Walters	Bob Williams
Ray Kershaw, ATC (Observer)	Bob Snow, FERC (Observer)	Daniella Hammons, CenterPoint (Guest)
Steve Lee, EPRI (Guest)	Charles Long, Entergy (Guest)	Wes Waitt, CenterPoint (Guest)
Ed Dobrowolski, NERC		

##### b. NERC Antitrust Compliance Guidelines — Ed Dobrowolski

There were no questions raised on the NERC Antitrust Compliance Guidelines.

##### c. Review Meeting Agenda & Objectives — John Odom

The agenda was altered at the request of the team to provide more common meeting time and less breakout time in order to discuss common issues.

The goal of the meeting was to attempt to finalize comment responses and to identify areas of the standard that will need to be changed as a result of comment responses.

#### 2. Common Issues Discussion

Each of the sub-team leaders presented an overview of their groups work to date and any common issues that needed a broader approach. These issues were captured and e-mailed to the team via the mail server.

Team 1: John presented a possible re-structuring approach with the goal to alleviate confusion in reading through the requirements as was indicated in some of the

comments. The sub-team presented this as an option for clarifying that non-consequential load shedding may be allowed for longer duration unplanned events and for clarifying the performance requirements for sensitivity studies. No decision was reached on this approach. It will be taken up again though, prior to the second posting. The sub-team recommended to the entire team that the 300 kV split should be retained for the performance requirements. There was extensive discussion on whether the SDT should retain the 300kV limit for the single contingency bus fault contingency and whether non-consequential load shedding should be allowed. The team was split 8 to 7 in favor of retaining the existing performance requirement so no changes will be made for this contingency on the table at this time. Additional information on this topic will be requested during the second posting. The sub-team recommended changing the performance requirements for P5-1 contingencies to allow non-consequential load shedding. In addition, the sub-team reaffirmed that the P-4 contingencies performance requirements should remain as drafted.

Team 2: A question was raised as to whether the SDT should impose a time limit on the use of emergency ratings. After much discussion, the SDT voted 11 to 3 against setting such a planning limit based on a specific time period for emergency ratings. The sub-team will look to further clarify the generator runback issue. The concept of a white paper to assist in interpreting the intent and application of the standard was raised. An alternative approach was suggested that would involve a ‘tutorial’ connected to another NERC function such as the Standards Workshop or a NERC PC meeting. There will be changes made to R2.4.1 to clarify the intent of including induction motor modeling in the standard. As suggested by some commenters, the sub-team will draft language to clearly state limits on the use of SPS/RAS. There will be some changes made in the definition of plant and system stability in an attempt to provide clarification in these areas.

Team 3: Revisions will be made to R2.7.3 and R2.7.4 to avoid the use of the terms ‘committed’ and ‘planned’. The sub-team will explore the sensitivity issue and will provide additional clarity.

Team 4: Some slight changes were suggested to a number of the definitions in order to respond to commenter’s requests for additional clarity. The stability definitions will be handled by Team 2.

**Action Item** — Ed will explore how to best present the proposed ‘tutorial’ within the NERC structure in order to minimize costs and travel while maximizing impact for all involved.

Bob Snow let it be known that he can collect any questions for FERC staff and make sure that they get sent to the right people for response.

If SPS/RAS are covered in existing tariff agreements or contracts, the terms in the agreements may allow curtailment of transmission service.

**Action Item** — Bob Snow volunteered to research whether any of the existing SPS/RAS schemes are covered in approved tariffs.

### **3. Sub-team Breakout Sessions**

The sub-teams met separately to continue their work on their draft responses based on the inputs from the full team discussions.

Team #1: Q 20 to 30 — John (lead), Doug, Tom, Dana, and Chifong

Team #2: Q 31 to 40 — Bernie (lead), Bob J., Brian, Jim, and Ray

Team #3: Q 12 to 19 — Bob M. (lead), Yury, Bob W., and Bill

Team #4: Q 1 to 11 and 41 & 42 — Paul (lead), Bob P., and Darrin

### **4. Discussion on Question 43**

CenterPoint volunteered to take a first pass at question 43. This first pass will concentrate on finding common wording in this question and earlier questions that the sub-teams have already responded to.

### **5. Next Steps — John Odom**

Ed displayed a sample implementation plan so that the team could see the magnitude of the work involved.

The team developed a list of what the next steps in the project will be:

1. Responses by sub-team to question 1–42.
  - a. Develop initial responses
  - b. Draft standard changes
  - c. Full team review and approval of initial responses
2. Responses for question 43.
  - a. See what responses can be cut and pasted from item #1. (CenterPoint)
  - b. Assign remaining comments to sub-team
    - i. Develop initial responses
    - ii. Draft standard changes
    - iii. Full team review & approval of initial responses
3. Correlation of responses
4. Revisions to standard resulting from responses.
  - a. Structural changes?
5. Review comments for consistency with revised standard
6. Factor in the data collected by NERC on more stringent entity planning criteria
7. Develop implementation plan.
  - a. Wait on Measures, VRF, Time Horizons, Compliance (VSL)
8. Develop second question set
9. Submit to NERC staff for posting

The recently filed NUC standard is a good reference for what this team will be facing as it moves forward. Ed will provide a link that members can use to download the document.

**Action Item** — Ed will provide team members a link where they can go to download the NUC standards filing.

The SDT needs to follow through with WECC to see if they are really going to file a variance as the current standard language contains such wording.

**Action Item** — Ed will follow up with WECC on the subject of variances.

## 6. Schedule Next Meetings

- a. Conference call and WebEx on Friday, December 7, 2007 from 11 a.m.–3 p.m. EST. Call-in details will be provided. This conference call has been cancelled but the sub-teams are encouraged to use it for sub-team calls.
- b. Conference call and WebEx on Tuesday, December 18, 2007 and Wednesday, December 19, 2007 from 11 a.m.–3 p.m. EST, each day. Call-in details will be provided. The topic of these calls will be to finalize the comment responses and to discuss any new issues that need to be debated by the entire team.
- c. Ed will research available dates in January for sub-team conference calls and a face-to-face meeting in February.

**Action Item** — Ed will poll the group for dates for conference calls and meetings in January and February.

## 7. Review Action Items and Schedule — Ed Dobrowolski

The following action items were developed during this meeting:

- Ed will explore how to best present the proposed ‘tutorial’ within the NERC structure in order to minimize costs and travel while maximizing impact for all involved.
- Bob Snow volunteered to research whether any of the existing SPS/RAS schemes are covered in approved tariffs.
- Ed will provide team members a link where they can go to download the NUC standards filing.
- Ed will follow up with WECC on the subject of variances.
- Ed will poll the group for dates for conference calls and meetings in January and February.

This project was over five months behind schedule at the time of the first posting. Due to the volume of comments received and the subsequent work effort to respond to them, it appears that this project will continue to slip its schedule.

## **8. Adjourn**

John Odom thanked CenterPoint for their hospitality in hosting the meeting. The chair adjourned the meeting at noon CST on November 29, 2007.