

Meeting Notes Project 2007-12 Frequency Response Standard Drafting Team

August 31, 2012

Conference Call

Administrative

1. Introductions

The meeting was brought to order by the chair, David Lemmons at 9:00 a.m. ET on Friday, August 31, 2012. Introductions were made and those in attendance were:

Name	Company	Member/ Observer
Don Badley	NWPP	Member
Terry Bilke	MISO	Member
Howard Illian	Energy Mark	Member
David Lemmons	Xcel Energy	Member
Clyde Loutan	CAL ISO	Member
Carlos Martinez	CERTS	Member
Sydney Niemeyer	NRG Energy	Member
Mike Potishnak	ISO NE	Member
Darrel Richardson	NERC	Member
Sandip Sharma	ERCOT	Member
Matthew Adeleke	FERC	Observer

Name	Company	Member/ Observer
Ena Agbedia	FERC	Observer
Syad Ahmad	FERC	Observer
Gerry Beckerle	Ameren	Observer
Robert Blohm	Consultant	Observer
Bob Cummings	NERC	Observer
Brad Gordon	PJM	Observer
Kristin Iwanechko	NERC	Observer
Steven Myers	ERCOT	Observer

2. Determination of Quorum

The rule for NERC Standard Drafting Team (SDT or team) states that a quorum requires two-thirds of the voting members of the SDT. Quorum was achieved as nine members were present.

3. NERC Antitrust Guidelines and public reminder

The NERC Antitrust Guidelines and public reminder were read by Darrel Richardson. There were no questions raised.

Agenda

1. Discussion

- a. Mr. Lemmons explained that he still had not heard back from John Odum of FRCC concerning the use of 59.5 HZ or 59.7 Hz. He will send Mr. Odum an e-mail asking if he would be able to attend the SDT meeting next month at the Ameren office in St Louis, MO.
- b. Bob Cummings and Darrel Richardson provided a discussion on the meeting that NERC staff had with FERC staff on August 29, 2012. They explained that FERC had some concerns with where the present standard was heading. These concerns were discussed and are listed below:
 - FERC is concerned with excluding events by use of the median.
 - FERC believes that the measurement should include the Nadir point. NERC staff explained that metering at the Balancing Authority (BA) level was not yet sophisticated enough to

provide this measurement. They further explained that the proposed standard would be including an adjustment to account for the B- C ratio.

- FERC felt that there should be a standard covering the generator for providing Frequency Response. NERC staff explained that they were going to recommend an initiative be started to develop a Generator Guideline to address the issue. They further stated that they did not believe that a standard covering the generator could be developed prior to the filing deadline for the BAL-003-1 standard but they did believe that a Generator Guideline could be put in place during this time.

- c. The SDT reviewed and accepted the proposed language for the minimum Variable Frequency Bias Setting that Terry Bilke, Sydney Niemeyer and Don Badley developed. (see posted document)
- d. Mr. Cummings provided an update on the FRI report. He discussed the issue with the Eastern Interconnection UFLS setting and the recommendation to use the regression as the method for calculating the Frequency Response Measure (FRM). The SDT agreed to review Mr. Cumming's report and discuss at the next call/meeting.
- e. Howard Illian provided an update on his paper for the use of Mean, Median or Regression for the calculation of the FRM. He reviewed the comments he received and incorporated many of them into his revised document. The SDT agreed to review Mr. Illian's report and discuss at the next call/meeting. (see posted document)

2. **Future meeting(s)**

- a. There is a conference call scheduled for Wednesday, September 12, 2012 | 1:30 – 4:30 p.m. ET
- b. A face-to-face meeting is scheduled for September 19-20, 2012 in St. Louis, MO

3. **Adjourn**

The meeting adjourned at 11:00 a.m. ET on Friday, August 31, 2012.