

## Meeting Notes Project 2007-12 Frequency Response Standard Drafting Team

September 19-20, 2012  
St. Louis, MO

### Administrative

#### 1. Introductions

The meeting was brought to order by the chair, David Lemmons at 1:00 p.m. CT on Wednesday, September 19, 2012. Introductions were made and those in attendance were:

Name	Company	Member/ Observer	In Person (Y/N)	Conference Call/Web (Y/N)
Don Badley	NWPP	Member	Y	
Howard Illian	Energy Mark	Member	Y	
David Lemmons	Xcel Energy	Member	Y	
Clyde Loutan	CAL ISO	Member	Y	
Carlos Martinez	CERTS	Member	Y	
Sydney Niemeyer	NRG Energy	Member	Y	
Mike Potishnak	ISO NE	Member	Y	
Darrel Richardson	NERC	Member	Y	
Sandip Sharma	ERCOT	Member	Y	
Tom Washburn	FMPP	Member		Y
Matthew Adeleke	FERC	Observer	Y	

Name	Company	Member/ Observer	In Person (Y/N)	Conference Call/Web (Y/N)
Ena Agbedia	FERC	Observer		Y
Syad Ahmad	FERC	Observer		Y
Gerry Beckerle	Ameren	Observer	Y	
Troy Blalock	SCE&G	Observer	Y	
Robert Blohm	Consultant	Observer		Y
Matt Cinadr	Consultant	Observer		Y
Bob Cummings	NERC	Observer	Y	
Brad Gordon	PJM	Observer		Y
Nick Henry	FERC	Observer		Y
Doug Hils	Duke	Observer		Y
Kristin Iwanechko	NERC	Observer	Y	
Francis Monette	Hydro Quebec	Observer		Y
Guy Quintin	Hydro Quebec	Observer		Y
Dan Woldemenian	FERC	Observer		Y

## 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. Richardson reviewed the current schedule for the BAL-003-1 project. He explained that NERC staff wanted to post by the end of the first week of October 2012 (this would be approximately 7 – 10 days ahead of the schedule).
- b. Mr. Lemmons explained that he had heard from Vince Ordax from FRCC. Mr. Ordax explained that they (FRCC) did not have a problem with using 59.5 Hz as the UFLS setting for the Eastern Interconnection. The SDT asked him if he would provide something written stating their agreement.
- c. Bob Cummings provided an update on the FRI report. (see posted document)
  - Mr. Cummings explained each of the recommendations in the report to the SDT.
  - Carlos Martinez expressed concerns with possible data quality issues. Mr. Cummings will work with Mr. Martinez to address his concerns.
  - Mr. Cummings stated that he would change the UFLS setting for the Eastern Interconnection to 59.5 Hz based on the comments received from FRCC.
  - There was a question raised concerning the credit for load reduction used in the ERCOT Interconnection. The concern was with the fact that 1400 MW is the maximum amount of load but is not what is typically seen. Mr. Cummings and the SDT agreed that the amount (1400 MW) that was presently being used would remain.
  - There was motion made to accept the IFRO methodology used in the FRI report as that which will be used in the standard. The motion passed unanimously with one abstention (the chair).
- d. The SDT reviewed Attachment A. (see posted document)
  - The SDT agreed that they would use 4500 MW (N-2) as the protection criteria (passed unanimously with one abstention (chair)).
  - Mike Potishnak provided an explanation as to why he felt the median was the proper method to use for calculating the FRM. Mr. Potishnak stated that the median eliminated noise and false positives. The SDT agreed to use the median as the measure (7 – yeas, 1 – nay, and 1 abstention).
- e. Don Badley proposed a modification to the language in the requirements concerning a BA and FRSG. The SDT disagreed that any additional wording was necessary since Frequency Response was instantaneous and therefore a BA could not elect to not participate in the FRSG at the time of an event.
- f. The SDT reviewed the Procedure. (see posted document)

- The SDT agreed that the calculations used in Table 1 needed to be added to the Procedure. Mr. Richardson will pull the equations out of the FRI report and insert them into the Procedure.
  - The SDT agreed that the paragraph ahead of Table 1 need to be re-worded. Howard Illian developed a modification to the wording. The SDT accepted Mr. Illian's proposal.
- g. Nick Henry from FERC staff asked where the SDT stood with regards to a generator standard.
- From the SDT perspective, the generator issue is beyond the scope of what they were tasked with and the team is not planning to include anything on generators into the standard. The SDT agreed that a standard covering generators and Frequency Response should be developed.
  - The SDT also noted that Mr. Cummings was drafting the FRI report which has some suggestions/guidelines about what needs to be done related to generators in the future.

## 2. Future meeting(s)

- a. A conference call is scheduled for September 28, 2012 | 9:00 a.m. – Noon ET
- b. A face-to-face meeting is scheduled for November 13-15, 2012 in Atlanta, GA

## 3. Adjourn

The meeting adjourned at 4:45 p.m. CT on Thursday, September 20, 2012.