

Meeting Notes Project 2010-13.2 Phase 2 of Relay Loadability: Generation

May 22-24, 2012 | 8:00 a.m. to 5:00 p.m. ET

Georgia Power Company
Atlanta, GA

Administrative

1. Introductions

The meeting was brought to order by the Charles Rogers, chair, at 8:10 a.m. ET Tuesday, May 22, 2012. The team meeting host, Bryan Burch, provided the building and safety information/logistics. Introductions were made and those in attendance were:

Name	Company	Member/ Observer	In-person (IP) or Conference Call/Web (W)		
			5/22	5/23	5/24
Matthew Adeleke	Federal Energy Regulatory Commission	FERC staff	IP	IP	IP
Ena Agbedia	Federal Energy Regulatory Commission	FERC staff	W	W	W
Scott Barfield- McGinnis (Advisor)	North American Electric Reliability Corporation	NERC staff	IP	IP	IP
Jeff Billo	ERCOT	Member	IP	IP	IP
S. Bryan Burch, P.E.	Southern Company	Member	IP	IP	IP
Kenneth Hubona	Federal Energy Regulatory Commission	FERC staff	W		

Name	Company	Member/ Observer	In-person (IP) or Conference Call/Web (W)		
			5/22	5/23	5/24
Mike Jensen	Pacific Gas and Electric Company	Member	IP	IP	IP
Charles W. Rogers (Chairperson)	Consumers Energy	Member	IP	IP	IP
Xiaodong Sun	Ontario Power Generation Inc.	Member	IP	IP	IP
Phil Tatro	North American Electric Reliability Corporation	NERC staff	IP	IP	IP
Sudhir Thakur	Exelon Nuclear	Member	IP	IP	IP
Joe T. Uchiyama	U.S. Bureau of Reclamation	Member	IP	IP	IP
Benson Vuong	Salt River Project	Member	IP	IP	IP
Dan Woldemariam	Federal Energy Regulatory Commission	FERC staff	W	W	
David Youngblood	Luminant	Observer	IP	IP	IP

2. Determination of Quorum

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

3. NERC Disclaimer

The NERC Disclaimer was read by the chair. There were no questions raised.

4. NERC Antitrust Guidelines

NERC Antitrust Guidelines was reviewed by the chair. There were no questions raised. The participants were reminded each day they are working under the NERC Antitrust Guidelines.

5. Roster Updates

The advisor presented the team roster. The team reviewed the roster and confirmed that it was accurate and up to date. There were questions about the resignation of member Michael Putt. The advisor noted that NERC is advertising the vacancy in the weekly Standards Bulletin and will be in the May 2012 NERC News. The advisor also noted he was not aware of any other nominations being submitted and that the team could choose to make a recommendation to the Standards Committee at this meeting.

Agenda

1. Approval of Meeting Notes from Previous Meetings

This standard has been in informal development. The Standards Committee moved the project into active development on March 8, 2012.

2. Discussion

- a. Background of the project – The chair took the first hour to provide a thorough background of the project to team members and observers. This project is phase two of the three pieces of Order No. 733. Part of the review included the tentative steps to standard approval in the roadmap section of the standard.
- b. Requirements – Following the background information, the chair led the team into reviewing the latest draft of the team’s work beginning with requirement R1. There was some concern about the use of “limit” in R1 that is might lead to confusion by stakeholders. The team removed the phrasing with “limit.” Technical discussion followed concerning Part 1.1. The team agreed to remove the reference to MOD-024-1 from the Part by using a parenthetical. The goal was to identify the output of the generation unit. The team achieved this by placing a reference in the parenthetical (e.g., “as reported to the Planning Coordinator). Members raised concerns about Parts 1.1.1. and 1.1.2 for minimal generation output.

There may be two concerns raised by FERC staff. One is that R6 may not necessarily meet the spirit of the Order No. 733, P104 since R6 is not requiring the evaluation of depressed voltage conditions (e.g., 0.95 p.u.) at the generator bus. By not doing so, R6 is not specifying a stress condition at the generator bus. Second, it appears the Generation Relay Loadability SDT has not considered or investigated out-of-step relays (78) from a loadability perspective.

- c. Appointment of a vice-chair – Mike Jensen was appointed to lead planned meetings in August 2012 in the chair’s absence.

3. Action Item Review

The team agreed to accept nomination of Steven Hataway and have the advisor proceed with checking references and seeking Standards Committee appointment to the team.

4. Review of the Schedule

On February 15, 2012 FERC granted a one-year extension (through September 30, 2013) to address the directive in the Commission's Order No.733 to develop a new generator relay loadability standard. To meet this new due date, the associated project was approved by the NERC Standards Committee on March 8, 2012.

5. Future meeting(s)

- a. August 7-9, 2012 – Niagara Falls, Ontario, Canada (Option 1 pending informal posting)
- b. August 21-23, 2012 – Niagara Falls, Ontario, Canada (Option 2 pending informal posting)

6. Adjourn

The meeting adjourned at Noon ET on May 24, 2012