

Meeting Notes

Project 2010-13.2 Phase 2 of Relay Loadability: Generation Standard Drafting Team

September 17, 2012
Conference Call

Administrative

1. Introductions

The meeting was brought to order by the Mike Jensen, acting vice chair, at 1:00 p.m. ET Thursday, August 30, 2012. The vice chair provided a summary of the last meeting's actions. The draft was edited from three requirements to one. The team considered the feedback from the Electric Power Supply Association and the North American Generator Forum. The vice chair also reviewed the changes to the standard, including, but not limited to the applicability, requirements, and attachment. Most importantly, the team had good discussion about the options A and B in the attachment and brings the team to today's meeting.

The chair, Charlie Rogers commented the team accomplished a tremendous amount of work during his absence. He also recognized the team's two new members, Steven Hataway and David Youngblood. Those in attendance were:

Name	Company	Member/ Observer
Charlie Rogers	Consumers Energy	Chair
Jeff Billo	ERCOT	Member
Steven Hataway	Florida Power and Light Company	Member
Jonathan Hayes	Southwest Power Pool	Member
Mike Jensen	Pacific Gas and Electric Company	Member
Sudhir Thakur	Exelon Nuclear	Member
Joe Uchiyama	U.S. Bureau of Reclamation	Member

Name	Company	Member/ Observer
Benson Vuong	Salt River Project	Member
David Youngblood	Luminant Energy	Member
Ken Hubona	Federal Energy Regulatory Commission	FERC Staff
Daniel Woldemariam	Federal Energy Regulatory Commission	FERC Staff
Scott Barfield-McGinnis (Advisor)	North American Electric Reliability Corporation	NERC Staff
Phil Tatro (Technical Advisor)	North American Electric Reliability Corporation	NERC Staff

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 of the eleven total members were present.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by the advisor. There were no questions raised.

4. Review of the Roster

There were no changes or revisions.

Agenda

1. Review of Meeting Notes from Previous Meetings

The chair recommended tabling the meeting notes and focusing on the standard since there was such a short duration between the meeting being announced and the posting of the meeting notes for review. The goal is to get the standard to quality review and its initial formal comment period.

2. Open Business from Last Meeting (Complete)

- Review the Guidelines and Technical Basis for not including the light load (40 percent) point.
- Need to recruit assistance with developing the technical basis for asynchronous settings.

The advisor noted that both items had been completed. The team concurred on removing the light load point from the standard. The advisor recruited member Steven Hataway to work on the asynchronous technical basis. Mr. Hataway solicited member, Jeff Billo's assistance as well.

3. Discussion of the RBS Draft Standard

Concerns were raised about the technical basis of the asynchronous paragraph. The team removed the 115 percent reference and added a basis for using 1.0 per unit of voltage for asynchronous generation. The team discussed the difference between Options 1 and 2 and the need to have both. The two options allow entities to choose which method they prefer for determining the impedance pickup value. The team added clarifying language to the technical basis. Both values achieve a desired margin.

In Table 1, Pickup Setting Criteria, the team had added "shall be set less than or equal to" or in the other case, "shall be set greater than or equal to." A question was raised whether "equal to" should be used in the criterion. The team chose to remove all occurrences of "equal to." The team questioned how the location of the current transformers (CT) and voltage transformers (VT) for Options 13 or 14 would impact the applicability of the relay to the standard and the calculation of the settings. Since the team could not reach a definitive conclusion on how to address the issue, it was decided to see if stakeholders had comments on the issue.

4. Discussion of Questions for the Comment Period

Team did not have an opportunity to review and tabled the item for the next meeting.

5. Action Items (On-going)

- a. Team – Work on developing additional technical basis for asynchronous ratings (Option 4) during the first formal comment period
- b. Team – Work on developing the additional technical basis for the margins used in each of the options found in Table 1 of the attachment.

6. Review of the Schedule

Team did not have an opportunity to review and tabled the item for the next meeting.

7. Next Steps

Conduct a follow up conference call on Wednesday, September 19, 2012 at 1:00 p.m. ET to finalize the Options 13-16 of the draft standard. The next step will be a 30-day formal comment period.

8. Future meeting(s)

There is a conference call scheduled for Wednesday, September 19, 2012 at 1:00 p.m. ET.

9. Adjourn

The meeting adjourned at 3:37 p.m. ET on September 17, 2012.