

Meeting Notes

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

August 15, 2013

11:00 a.m.-2:00 p.m. ET

Conference Call with ReadyTalk Web Access

Administrative

1. Introductions

The meeting was brought to order by Charles Rogers, chair, at 11:00 a.m. ET, Thursday, August 15, 2013. Mr. Rogers noted that the goal of the meeting was to respond to comments from the posting and initial ballot of PRC-023-3. The standard received high initial approval at 93.00%. Those in attendance were:

Name	Company	Member/ Observer
Charles Rogers (Chair)	Consumers Electric	Member
S. Bryan Burch	Southern Company	Member
Steven Hataway	Florida Power and Light Company	Member
Jonathan Hayes	Southwest Power Pool, Inc.	Member
Mike Jensen	Pacific Gas & Pacific	Member
Joe Uchiyama	U.S. Bureau of Reclamation	Member
Benson Vuong	Salt River Project	Member
David Youngblood	Luminant Energy	Member
Syed Ahmad	Federal Energy Regulatory Commission	Observer
Scott Barfield-McGinnis (Standard Developer)	North American Electric Reliability Corporation	Observer

Name	Company	Member/ Observer
Phil Tatro (Technical Advisor)	North American Electric Reliability Corporation	Observer
Rob Delsman	Entergy, Inc.	Observer
Kelly Simmons	Xcel Energy	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 eight of the ten members were present.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines, public disclaimer were reviewed by Mr. Barfield. Also, Mr. Barfield referenced the NERC policies concerning drafting team meetings and listserv use on the NERC website. There were no questions.

4. Review Roster

Mr. Barfield noted there have been no changes to the roster.

Agenda

1. Review of meeting notes

The meeting notes from the Dallas meeting July 29 – August 1, 2013 were not available. Meeting notes for that meeting and today’s meeting were tabled for a future one hour conference call based on a poll of the members.

2. Open business from last meeting (Reviewed)

a. None.

3. Respond to industry stakeholder comments (PRC-023-3 – Generator Relay Loadability)

The comments received from industry were brief and the report was less than 25 pages total. The drafting team discussed majority comments that were limited to the Applicability section changes regarding how the drafting team implemented the phrase “except lines that are used exclusively to export energy directly from a Bulk Electric System (BES) generating unit or generating plant to the network” rather than “generator interconnection facilities.”

The drafting team continues to have consensus that the phrase “generator interconnection facilities” does not provide the needed clarity for the facilities applicable to the standard; however,

based on other similar comments, the drafting team provided a non-substantive change to the three occurrences of the phrase “except lines that are used exclusively to export energy directly from a Bulk Electric System (BES) generating unit or generating plant to the network” by replacing it with “except Elements that connect the GSU transformer(s) to the Transmission system that are used exclusively to export energy directly from a BES generating unit or generating plant. Elements may also supply generating plant loads.”

This clarification also clarifies a minority comment about how the original proposed language addressed conditions where those same interconnection lines also provided station service or even cases where the generating plant was a pumped storage facility.

The drafting team considered other comments about the Implementation Plan asking to clarify that the applicability is not the transmission line, but the ownership of the load-responsive protective relays. The drafting team made the clarifying revision to the suggested Requirement R1 and also in Requirements R2 and R3 of the Implementation Plan.

The remaining comments were all minority concerns that did not result in a revision to the standard. Some stakeholders suggested changes to Requirement R2 of the proposed draft PRC-023-3 standard concerning out-of-step blocking. The drafting team appreciated suggestions that might improve the standard; however, this offered suggestion was outside the scope of the drafting team’s effort to establish a bright line between the existing PRC-023-2 and the new NERC Board of Trustees adopted PRC-025-1.

The drafting team considered a few other comments regarding the draft PRC-023-3 standard’s criterion. For example, there was one comment that suggested leaving Requirement R1, Criterion 6 and Item 2.4 in Attachment A in the proposed PRC-023-3 standard. The drafting team disagreed with the suggestion and asserts that these are no longer relevant to the standard as the criterion is now applicable to the adopted PRC-025-1 standard. The same comment also suggested removing Requirement R1, Criterion 7; however, the drafting team disagreed because this criterion may be useful.

The drafting team reviewed the regulatory approval timeline of both the proposed PRC-023-3 and the adopted PRC-025-1. The Implementation Plan of each standard requires that they both be approved by the regulatory authority together to avoid a reliability gap and compliance overlap. Two comments raised concern that the standard should only apply to generators and transformers that are material to the Bulk Electric System. The drafting team was clear that Elements such as generators or transformers that are demonstrated to be material to the BES will likely be declared to be BES Elements under the provisions of the BES exception process.

Last, the drafting team considered comments that were editorial in nature such as capitalizing “system operator” in the Purpose of the standard, using a word other than “export” (i.e., “export energy”), adding “Requirement” inside the parenthetical numbered requirement at the end of each Measure, and an observation about the posted redline to the previous posting of the standard being inaccurate. The drafting team did not make revisions based on these comments.

4. Review of the schedule

Mr. Barfield noted that the standard would most likely be posted for final ballot the week of August 19. Industry approval is expected based on its initial ballot of 93.00%. From there the standard will proceed to the November 2013 NERC Board of Trustees meeting for approval. Mr. Barfield also noted to Mr. Ahmad that the filing would have discussion about the two standards PRC-025-1 that was approved by the Board at its August meeting and this standard (PRC-023-3) concerning the concurrent approval of both to prevent a gap and compliance overlap. Also, that each standard's implementation plan addressed this concern in the prerequisite approval.

5. Action items or assignments

a. Mr. Barfield:

- i. Issue a poll to determine availability for a follow up conference call to review meeting notes from the July 29 to August 1, 2013 and this meeting in September 2013.

6. Next steps

- a. Submit for NERC staff review to ensure clarifications to the draft PRC-023-3 standard are non-substantive and that the standard is ready for posting.
- b. Post draft 4 of PRC-023-3 for final ballot and post other project documents.

7. Future meeting(s)

To be determined (September 2013).

8. Adjourn

The conference call adjourned at 1:52 p.m. ET on August 15, 2013.