

System Protection Coordination Standard Drafting Team

December 18—19 2007

Meeting Notes

1. Administrative Items

a. Introductions and Quorum

Art Buanno, Chairman, brought the meeting to order at 8AM EST on December 18, 2007. The attendees were:

Arthur J. Buanno, (chairman) David Cirka, Aaron Cooperberg, Samuel Francis, Jeffrey Iler, Bill Middaugh, Pratap Mysore, William Waudby, Kevin Wempe, Philip B. Winston Al Calafiore, NERC

All team members were present

b. NERC Antitrust Compliance Guidelines — Al Calafiore

The NERC Antitrust Compliance Guidelines were reviewed and there were no questions raised.

2. NERC Standards Development Process

Maureen Long of NERC provided a PowerPoint presentation of the NERC Standards Development Process. She identified elements that must be included in the standards, and what the Standards Committee expects of the Standards Drafting Team for Project 2007-6 — System Protection Coordination, and led a discussion on these topics.

3. Standards Comments and Revisions

Art Buanno reviewed the standard, the objective of the project, the SAR, and the comments to the SAR; as well as the SPC Task Force Assessment for PRC-001, and the directives and comments from FERC.

The standard drafting process began with a discussion of the wording of the purpose of the standard. A draft of the purpose was discussed, revised, and held for future refinement. Discussion proceeded to the applicable entities. It was proposed that the standard should be applicable to the “Owners” rather than the “Operators” and that the Planning Authority should be substituted for the Balancing Authority.

Phil Winston then described the three types of activities that need to transpire for the coordination of protective systems. These include the purely protection perspective related to the designs and settings, the communication of protection design

functionality between the owners and the Planning Authority and the communication of corrective actions based on protective system contingencies between the Planning Authority and the Reliability Coordinator or local operators.

After considering the NERC SPCTF comments and the project description of the work plan it was decided that the first two activities should be the main focus of the standard and that the real-time activities should be moved to other standards such as those in Project 2006-06, standard IRO-005 or to a new PRC or IRO standard. The drafting team working on these standards will be contacted and if necessary a discussion will be held with these teams.

Everyone continued the task of revising the standard. Five requirements were rewritten to replace the existing six and one measure was drafted. The team reviewed the comments of the NERC SPCTF to see if the comments were being addressed.

Several team members agreed to provide generator protection information that would be applicable for coordination studies. Several others agreed to do the same for transmission owners. It was also determined that additional modeling data requirements should be explored.

Although the project description of the work plan alluded to the need for additional foundation requirements for identifying criteria for the installation of protective systems, it was decided that this suggestion would not be followed. This criterion was not identified in FERC Order 693, and is covered by several IEEE standards and is site specific.

The first draft of the standard was done and one member agreed to continue editing the first three requirements and measures to align with the fourth that was more complete at that point.

4. Action Items

- Compilation of generator protection information by January 14: Phil Waudby, Kevin Wempe, and Aaron Cooperberg.
- Compilation of transmission protection information by January 14: Jeff Iler, David Cirka.
- Identification of additional modeling data for MOD-011 or MOD-013 and per the SPCTF: David Cirka.
- Modification of the first draft: Phil Winston.
- Contact NERC liaison for Project 2006-06 to initiate discussion of real-time requirements in existing PRC-001 that may be covered in other standards included in the project: Al Calafiore.

5. Next Steps

The next meeting is expected to be during the week of January 28 or February 4 with location or conference call information to be announced later.

6. Adjourn

The meeting was adjourned at 4 p.m. on December 19, 2007