

Meeting Minutes System Protection and Control Subcommittee

April 19, 2017 | 8:00 a.m.–5:00 p.m. Central
April 20, 2017 | 8:00 a.m.–5:00 p.m. Central

Oncor Electric Delivery Office
115 W 7th St.
Fort Worth, Texas, 76102

Administrative

1. Introductions and Chair's Remarks

Rich Quest brought the meeting to order on April 19, 2017 at 8:00 a.m. CST. R. Quest welcomed the attendees,¹ and offered the opportunity for the attendees to introduce themselves.

2. Host Arrangements and Safety

Sam Francis welcomed the attendees, and provided notification of emergency egress and first aid plans.

3. NERC Antitrust Compliance Guidelines and Public Announcement

Jack Norris reviewed the NERC Antitrust Compliance Guidelines and announced that the meeting was public.

4. Approve Agenda

The proposed agenda was presented and approved as is by the SPCS members.

Agenda Items

5. Discuss Roster

Corrections to individuals' information in the roster provided by SPCS members between meetings were reviewed and approved. Bill Middaugh from Tri-State Generation and Transmission Association, Inc. was added to the roster as the WECC Alternate. Eric Udren from Quanta Technology, LLC was added to the roster as a Voting Industry Expert.

6. I-25: Commissioning Testing of Protection Systems – All

The IEEE I-25 Subcommittee provided draft 10 of their Commissioning Testing of Protection Systems document prior to the meeting. The document was distributed to voting members of the SPCS prior to the meeting so they could review its contents and decide whether or not they adequately fulfilled the expectations for the document as described in NERC's request to the IEEE PSRC for assistance on the

¹ For a list of meeting attendees, see Attachment 1.

matter as well as the NERC Filings to FERC DL-PRC-005-2 Commissioning testing Info Filing. At the meeting the SPCS discussed the commissioning testing document as was available, in its 10th draft iteration, and determined that, when used for its intended purpose as described to the I25 working group, as “an industry reference document on protection system commissioning practices” and including the items contained as references, the document fulfills the purpose outlined within the NERC Filings to FERC DL-PRC-005-2 Commissioning testing Info Filing.

As of May 10, 2017 the finalized version of the document was made available to the public and posted to the IEEE PSRC’s website. No substantial changes between draft 10 and the final version were found to have occurred.

7. Document Approval – All

The Meeting Minutes for the February 2017 meeting were reviewed and accepted.

The SPCS Scope document received no changes following the February 2017 meeting and as such was considered accepted by the SPCS.

8. Standards Under Development

Rich Quest suggested that the use of the existing guidance document with an additional mapping document would act as a sufficient implementation guidance document for PRC-023-4. Further review of this item is expected in future meetings.

Rich Bauer provided an update on the progress of the implementation guidance document for PRC-024-2 and discussed recent inverter task force work. Overall discussion of PRC-024 and SPCS member opinion of whether or not PRC-024 needs revised for non-conventional generation or if a new standard should be pursued specific to non-conventional generation. Discussed if the implementation guidance should include examples for dispersed power resources. It was decided to not include an example for dispersed power resources since the request for guidance from the IEEE JTF2 seemed to be specific to conventional generation.

Reviewed the alternative methods of calculating the GSU low side voltage for a specific GSU high side voltage. It was decided to have the task force members all perform the three different methods to determine the sensitivity of each method. If the simplest method proves to be of an acceptable accuracy, we will include all three methods in the implementation guidance as acceptable methods to demonstrate the relay settings are in accordance with the Standard.

Implementation of a guidance document for PRC-019-2 is expected to follow the completion of the PRC-024-2 implementation guidance document.

9. PC Work Plan – SPCS Items –

The SPCS items on the PC work plan were reviewed, the IEEE Station Battery SAR concerning PRC-005 was determined to be complete using the approval of the February Meeting Minutes as evidence.

10. Plan Future Meetings

The next SPCS in-person meeting was confirmed to be at the Hydro One offices in Toronto on July 26 & 27.

11. Adjourn