

Meeting Notes

Project 2019-04 Modifications to PRC-005

June 9, 2022

Conference Call

Administrative

1. Introductions

The meeting was brought to order by the Chair, Brian Kasmarzik, at 1:02 p.m. Eastern on Thursday, June 9, 2022.

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 11 of 13 total members were present.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Laura Anderson, NERC staff. There were no questions raised.

4. Roster Updates

The team reviewed the team roster and confirmed that it was accurate and up to date.

Agenda

1. Review of Meeting Notes from Previous Meetings

2. Discussion

a. Definition Approach:

- i. Team Vote No. 1: Do you think that a NERC Glossary revision is necessary, or can this SDT implement what is required in the Facilities Section along with the Supplementary FAQ?
 1. Protective function would be defined in FAQ as a descriptor if vote is to not revise.
- ii. Team Vote No. 2: If Vote No. 1 results in NERC Glossary of Terms revision, then:
 1. Vote No. 2(a): Modify only the definition of Protection System?
 2. If modifying only the definition of Protection Systems:
 - a. Protective relays which respond to electrical quantities and protective functions which respond to measured electrical quantities;
 - b. Communication systems necessary for correct operation of protective functions;
 - c. Voltage and current sensing devices providing inputs to protective relays and protective functions;
 - d. Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply); and
 - e. Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.
 3. Include clarification of protective functions in PRC-005 and the Supplementary FAQ.
 - a. Protective Function description
 - b. Analysis from SPCWG
 4. Supplementary Reference document could also be created for Protection System Definition (similar to BES definition)
- iii. Vote No. 2(b) if modifying both Protection System and Protective Functions:
 1. Functions applied via hardware or software that are designed and implemented to initiate or prevent the automatic isolation of Facilities:
 - a. To protect power system Elements and equipment;
 - b. To maintain stability; or
 - c. In response to detected Faults

2. Reference document would likely be for Protection System Definition.
- iv. Vote No. 1 results: nine (9) SDT members voted in favor of glossary revision, one (1) SDT member voted against glossary term revision
- v. Vote No. 2 held over to next SDT meeting to allow for review of affected standards should the team vote for protective functions definition.

3. Action Item Review

- a. Review existing standards for the “protective functions” and “protection functions”
- b. SDT members to continue to review FAQ
- c. Working subteams to continue their work.

4. Future meeting(s)

- a. June 24, 2022 – Conference Call
- b. July 11, 2022 – Conference Call

5. Adjourn

The meeting adjourned at 3:22 p.m. Eastern on June 9, 2022

Attendance				
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Brian Kasmarzik	Quanta Technology	Member	N	Y
Steve Turner	Arizona Public Service	Member	N	Y
Giuseppe Giannuzzi	HQCME, a division of Hydro-Québec TransEnergie designated as Quebec's RC	Member	N	Y
Cesar Huerta	AEP	Member	N	Y
Andrew Miraldi	FZSonic, Inc.	Member	N	Y
Eric Graftaas	BPA	Member	N	Y
Randy Rhinier	Duke Energy	Member	N	Y
Deborah Schneider	Santee Cooper	Member	N	Y
Kevin Thompson	ITC	Member	N	Y
Devon Tremont	Taunton Municipal Lighting Plant	Member	N	Y
Zhibo Wang	BC Hydro	Member	N	Y
Laura Anderson	NERC	NERC Staff	N	Y
Lauren Perotti	NERC	NERC Staff	N	Y
Joseph Gatten	Xcel Energy	PMOS Liaison	N	Y
Daniel Woldemariam	FERC	Observer	N	Y
Louis Guidry	CLECO	Observer	N	Y
Sheraz Majid	Hydro One	Observer	N	Y
Deb Steiz	AES	Observer	N	Y
Glen Paterson	WAPA/UGP	Observer	N	Y

Attendance				
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Mike Braunstein	KPMG	Observer	N	Y
Philip Winston	Southern Company	Observer	N	Y
Mark Garza	FirstEnergy	Observer	N	Y
Randy Buswell	Velco	Observer	N	Y