

Meeting Notes

Project 2019-04 Modifications to PRC-005

May 20 - 22, 2024

Quanta Technology Headquarters
4020 Westchase Blvd., Suite 200
Raleigh, NC 27607

In-person with WebEx Option

Administrative

1. Introductions

The meeting was brought to order by the Chair Brian Kasmarzik at 1:00 p.m. Eastern on Monday, May 20, 2024. B. Kasmarzik provided the team with building and safety information/logistics.

2. Determination of Quorum

The rule for NERC Standard Drafting Team states that a quorum requires two-thirds of the voting members of the SDT. See Attachment 1 for those in attendance.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Laura Anderson. 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

This is a low priority project and the earliest possible time to post will be in October 2024.

2. Discussion on May 20, 2024

Quorum: We did not meet quorum.

- a. The team spent the day responding to the comment period questions.

3. Action Item Review

- a. Kevin and Brian – will follow up on the action items for comment #1.
- b. Zhibo – add color coding on Figure 1 in the supplemental reference document.
- c. NERC staff – protective system – update the definition throughout the document.
- d. Next unofficial comment document: add page numbers to formulate responses.
- e. Brian – will make a second pass on all the comments.
- f. Brian – will modify the technical rational bridge failure detection, specify that exciter protection is excluded except for the unit connected excitation transformer.
- g. Elsa – what is the BES reference document? Is it enforceable? ANSWER: No, technical reference documents are not enforceable.
- h. NERC – reach out to see if they are willing to review the impact of changes to the protection system definitions SPCWG (Rich Bauer/Ed Ruck) and Brian can go to their next meeting and get on their agenda. Can discuss the compliance concerns too. Add to email: We cannot limit the protection system definition to the BES because not all NERC standards are limited to the BES. For example, the facilities standards have this issue. This is where the scope needs to be limited. FOLLOW UP: Ed Ruck replied, and the email was forwarded to Brian.
- i. Brian – modify the technical rational document to include line #15.

4. Discussion on May 21, 2024

Quorum: We did not meet quorum.

- b. The team continued to respond to the comment period questions. The team was split up into working groups to review the 6 questions:

Question #1: Brian and Steven

Question #2: Table this discussion until we hear back from Giuseppe.

Question #3: NERC staff will work on this one.

Question #4: NERC staff will work on this one.

Question #5: Debbie and Devon – Implementation Plan: remove references to the tables, add one year.

Question #6: Devon

5. Action Item Review

- a. Jamie and Alison – Ask her if Project 2019-04 will be impacted by the IBR registrations?
- b. Next team meeting agenda item, we will work on Q2 and possibly review the consideration of comments. Next team meeting heavy on the technical rational document and supplemental reference document.
- c. Future meeting: put Andrew on the agenda, report back on the IEEE comments. Finalize all the working documents to prepare for a posting.

6. Discussion on May 22, 2024

Quorum: We did not meet quorum.

- c. The team continued to respond to the comment period questions.

7. Action Item Review

- a. Jamie and Alison – Ask her if Project 2019-04 will be impacted by the IBR registrations?
- b. Team – outreach
- c. Generator diagram – remove the colors/or use dotted lines or thicker lines for color-blind people
- d. Andrew – touch base with EEI
- e. Debbie – Q5 - Remove references from the tables and add one year to the implementation plan.
- f. Elsa – work with Lauren on the complicated implementation plan
- g. Elsa – Q3 - look at other PRC comments and plug in answer for the cost effectiveness comments.
- h. Elsa – send Brian the explanation of white paper, technical reference document and reliability guideline
- i. Elsa – send Brian Terry Volkmann’s contact info
- j. Appendix C – Technical Rationale – power sys element, change wording and add “prevent damage”
- k. Other action items are embedded in the documentation that the team reviewed.

8. Future meeting(s)

- a. Conference Call: June 13, 1- 3 pm Eastern
- b. Conference Call: July 25, 1 – 3 pm Eastern
- c. In-person meeting: August 20 – 22, Quanta Technology, Raleigh, NC.

9. Adjourn

The meeting adjourned at 12:00 p.m. Eastern on May 22, 2024.

Attachment 1

Attendance – May 20, 2024

Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Laura Anderson	NERC	Staff	Y	N
Elsa Prince	NERC	Staff	Y	N
Devon Tremont	Utility Services	Member	Y	N
Brian Kasmarzik	Quanta Technology	Member	Y	N
Steve Turner	Arizona Public Service	Member	Y	N
Debbie Schneider	Santee Cooper	Member	Y	N
Andy Bolivar	FPL	Observer	N	Y
Brian Soest	PGE	Observer	N	Y
Jordan Meyer	LGE-KU	Observer	N	Y
Hashir Ahmad	AES	Observer	N	Y
Richard Shiflett	AES	Observer	N	Y
Joe Zadorski	DTE Energy	Observer	N	Y
Mike Johnson	PG&E	Observer	N	Y
Tom Walsh	PGN	Observer	N	Y
Zhibo Wang	Mitsubishi Electric Power Products, Inc (MEPPI)	Member	N	Y
Colby Bellville	Cooperative Energy	Observer	N	Y
Shawn Luskey	US Bureau of Reclamation	Observer	N	Y
Shaoru Liu	US Bureau of Reclamation	Observer	N	Y
Jeff Bevel	US Bureau of Reclamation	Observer	N	Y

Attachment 1

Attendance – May 20, 2024

Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Dennis Fuentes-Pedrosa	FERC	Observer	N	Y
Daniel Woldemariam	FERC	Observer	N	Y

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Laura Anderson	NERC	Staff	Y	N
Elsa Prince	NERC	Staff	Y	N
Devon Tremont	Utility Services	Member	Y	N
Brian Kasmarzik	Quanta	Member	Y	N
Steve Turner	Arizona Public Service	Member	Y	N
Debbie Schneider	Santee Cooper	Member	Y	N
Andrew K. Miraldi	Miraldi Engineering	Member	Y	N
Zhibo Wang	MEPPI	Member	N	Y
Richard Shiflett	AES	Observer	N	Y
Mike Johnson	PG&E	Observer	N	Y
Aaron Dykstra	US Bureau of Reclamation	Observer	N	Y
Shawn Luskey	US Bureau of Reclamation	Observer	N	Y
Dennis Fuentes-Pedrosa	FERC	Observer	N	Y
Daniel Woldemariam	FERC	Observer	N	Y

Attendance – May 22, 2024

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Laura Anderson	NERC	Staff	Y	N
Elsa Prince	NERC	Staff	Y	N
Devon Tremont	Utility Services	Member	Y	N
Brian Kasmarzik	Quanta	Member	Y	N
Steve Turner	Arizona Public Service	Member	Y	N
Debbie Schneider	Santee Cooper	Member	Y	N
Zhibo Wang	MEPPI	Member	N	Y
Richard Shiflett	AES	Observer	N	Y
Mike Johnson	PG&E	Observer	N	Y
Dennis Fuentes-Pedrosa	FERC	Observer	N	Y
Daniel Woldemariam	FERC	Observer	N	Y