

Meeting Minutes

System Protection and Control Working Group

Conference Call

April 14, 2022 | 1:00 – 4:00 p.m. Eastern

Agenda Items

1. Call to Order

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|--------------------------------------------------|----------------|
| a. NERC Antitrust and Personal Conduct Statement | Ed Ruck |
| b. Opening Remarks | Bill Crossland |

2. Administrative

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| a. Review and Approve of February 10 2022 Meeting Minutes | Bill Crossland |
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Jeff Iler motioned to approve, Eric Udren seconded. Motion carried

- b. Agenda Review/Revisions

Lynn S motioned to approve agenda, Mike Thompson seconded. Carried

3. SPCWG Organizational Update

Bill Crossland

- a. [SPCWG Promotion](#) – Remain WG

The RSTC did a review of the SPCWG’s request to be promoted back to Subcommittee status. The team that reviewed the request did not concur, so the RSTCWG will remain a Working group at this time. The SPCWG will undergo another sunset review at the end of 2022 and will work to address the concerns the sunset review team had.

ACTION ITEM – Ed Ruck to place sunset review on the extranet site. – Completed 4/15/2021

4. Liaison Updates

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| a. IEEE PSRC | Mike Thompson |
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The PSRC has not met again since the last SPCWG meeting. There will be a face meeting in May 9-11 in Reno Nevada. If you want to attend, please register for the event through IEEE.

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| b. IRPWG – Now IRPS | Manish Patel |
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IRPS has written a SAR to address issues in PRC-004.

Maysam Radvar has asked if there would be value in creating a guide in protecting IBR facilities. While there are some guides on how to design protection for Transformers, etc., they don’t address any changes that might need to be made for IBR resources for those that are trying to determine the protection within the plant.

ACTION ITEM – Manish Patel to send the PRC-004 SAR to Ed Ruck, who will send to the SPCWG_Plus mailing list.

ACTION ITEM – Michael Thompson will bring up the guide issues to the PSRC meeting

5. February 2021 Cold weather recommendation update Manish Patel

a. [Recommendation 13](#)

Manish presented the recommendation to the full SPCWG and has asked the SPCWG to approve the recommendation and send the changes to the RSTC for suggesting these codes to the GADS UG. Manish P. motioned, Bill Middaugh seconded. Motion carried.

b. [Recommendation 22](#)

Manish has noted that the team is still working on recommendation 22 and outlined the current status. He stated that he anticipated completion of this deliverable by the June 2022 meeting. It was also asked if a better fix might be to re-evaluate PRC-024 to see if the frequency curves might need to be re-evaluated and potentially adjusted.

ACTION ITEM – Jason Eruneo to meet with Rich Bauer to discuss.

6. Inter-Entity Short Circuit Model* (from Feb. meeting) Lynn Schroeder

a. [Review of work](#) and update on progress

b. [Model Comparison sheet](#)

c. Address comments

Lynn brought up the document and went through the comments.

Lynn motioned to accept the paper as written, George Wegh seconded. Motion carries.

ACTION ITEM: Lynn Schroeder to send clean copy of final version to Ed Ruck

ACTION ITEM: Ed Ruck to send to NERC Technical writers for revision.

ACTION ITEM: Once tech writers are done, Ed Ruck to send paper with revisions to Lynn S. for review. Once tech writers are done, Lynn and a small team will review to ensure no technical meanings are changed and then send it off to the RSTC for acceptance

7. Compliance Implementation Guidance

a. Update on the PRC-019-2 Compliance Implementation Guidance Rich Bauer

No update at this time. There is a PRC-019-2 Technical reference document posted to the SPCWG website. However, the version for the compliance group has not yet been finalized as they have concerns with regards to an overly technical document and have expressed interest in a more general guide.

b. Update on the PRC-024-3 Compliance Implementation Guidance Manish Patel

Manish has taken over the group from Steve H. The group met a few weeks ago and is looking to follow the path that was blazed by PRC-019.

8. SAR PRC-025-2 Hybrid Plants

Rich Bauer

- a. Review and discuss plan to move forward

Rich notes that they have not yet received a real-world example. Scott Barfield expected to receive an example, but the entity has gotten busy so the group does not yet have one available.

- b. SPCWG to provide opinion on MidAmerican SAR

It's proposed that the chair go to the RSTC and note that we have been approached and ask the RSTC to put it on the SPCWG work plan to write a position paper. Bill C. noted that he will take this offline to find the best approach to this.

ACTION ITEM: Rich Bauer will talk with Scott Barfield on this approach.

9. FERC 881 discussion (LINK TO FERC ORDER) (from Feb meeting)

All

- a. Review and determine what impacts this might have and is an adjustment to PRC-023 necessary

The SPCWG held a discussion on the issue and noted there were several concern/questions about the issue. Some members volunteered to contact entities that already perform this type of calculation and bring back information to the group on how they handle the issue.

10. New long lead time backup protection Rel. Guide. (formerly Large Transformer Backup Protection) (from Feb. meeting)

All

- a. [Reliability Guideline or Technical Reference](#)

Tabled until next meeting

11. SPCWG Strategy session (from Feb. meeting)

All

- a. [Commissioning Technical Reference](#)
- b. [Other items/topics the SPCWG can weigh in on?](#)

Tabled until next meeting

12. Round Table Discussion

All

13. Future Meetings

All

- a. Additional future meetings needs

Bill Crossland

ACTION ITEM: Bill Crossland to send out an email to determine the feasibility of a face to face meeting in August 2022

Ensure future meetings do not conflict with US or Canadian holidays

Future SPCWG and Subgroup Meetings		
Dates	Time (Eastern)	Location
June 9, 2022	1:00-4:00 p.m.	WebEx
August 11, 2022	1:00-4:00 p.m.	WebEx

Future SPCWG and Subgroup Meetings		
Dates	Time (Eastern)	Location
October 13, 2022	1:00-4:00 p.m.	WebEx
December 8, 2022	1:00-4:00 p.m.	WebEx

Adjourn – Chair Bill Crossland