



PES/NPEC SUBCOMMITTEE 4 (SC-4), W.G. 4.8 IEEE-833

Protection of Electric Equipment from Water Hazard

Chair: Keith Bush Secretary: Jason Bellamy

MEETING MINUTES: S20-02, WebEx.

July 17th, 2020

1. Attendance

Keith Bush

Jason Bellamy

Ken Fleischer

Sheila Ray

Dale Goodney

Gene Poletto

Jinsuk Lee

Malia Zaman

Joe Krvavac

Singh Matharu

Yucheol Jeong

The membership roster was reviewed and updated. See Attachment 2 for an updated list of members. 8 of the 13 working group members were present to establish a quorum.

2. Review Prior Meeting Minutes:

Agenda for W.G. 20-02 were approved

Motion to approve: Joe Krvavac

Seconded Motion: Ken Fleischer

W.G. 4.8 20-01 meeting minutes were approved. Minutes

Motion to approve: Ken Fleischer

Seconded Motion: Jason Bellamy

3. W.G. 4.8 Membership Update, Changes, and Assignments

Membership roster attached to this document as Attachment 2.

Nadim Khan was removed from membership. Gene Poletto and Yucheol Jeong were added as members.



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4. Status of IEEE-833

Last issued in 2011. PAR approved in 19-01.

5. Discussion items

- The standard was reviewed, and changes made towards the next version.
- Went through legal and patent slides.

6. Review of Action Items:

Refer to Attachment 1 for a complete status of W.G. 4.8 action items as of the conclusion of the S20-02 meeting.

7. General Items:

Meeting was adjourned at 4:36 PM.

Motion to adjourn: Jason Bellamy

Second: Keith Bush



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Attachment 1

W.G. 4.8 Action Items

Item	Assigned	Dated Identified	Due	Action	Status
20-1	Working Group	7/23/19	S20-01	Setup a Webex meeting prior to 20-02 meeting	
20-2	Keith Bush	7/23/19	S20-01	Keith is going to research direct vs indirect water hazards and raceway definitions.	CLOSED
20-3	Keith Bush	7/23/19	S20-01	Keith is to search INPO for cold weather preparation checklist or annual inspection.	CLOSED
20-4	Keith Bush	7/23/19	S20-01	Keith will also research beyond design basis following issues for equipment protection.	CLOSED
20-5	Keith Bush	7/13/20	S21-01	Keith to investigate IEEE style for checklist format in appendix.	
20-6	Keith Bush	7/13/20	9/1/2020	Keith to distribute IEEE standard for review of appendix.	



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Attachment 2

SC-4 Working Group 4.8 Member Listing

Member Name	Affiliation
Keith Bush	ENERCON
Jason Bellamy	ENERCON
Sudhir Thakur	Exelon
Mitch Staskiewicz	Mirion
Joe Krvavac	S&L
Ken Fleischer	Consultant
Singh Matharu	US NRC
Masashi Sugiyama	Hitachi
Shinji Kawanago	Mitsubishi
Sheila Ray	NRC
Thomas Koshy	Self Employed
Yucheol Jeong	KEPCO E&C
Gene Poletto	Performance Power Service