



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: S19-02, Williamsburg, VA.

July 23rd, 2019

1. Attendance

Keith Bush

Jason Bellamy

Singh Matharu

Mitch Staskiewicz

Joe Krvavac

The membership roster was reviewed and updated. See Attachment 1 for an updated list of members. 5 of the 7 working group members were present to establish a quorum.

2. Review Prior Meeting Minutes:

Agenda for W.G. 19-02 was approved.

Motion to approve agenda: Jason Bellamy

Second: Mitch Staskiewicz

W.G. 4.8 19-01 meeting minutes approved

Motion to approve minutes with changes: Mitch Staskiewicz

Second: Joe Krvavac

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

Membership roster attached to this document as Attachment 2.

Masashi Sugiyama, Shinji Kawanga, Sheila Ray, Thomas Koshy, and Nadim Khan were added as new members to the working group.

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 slides.
- Jason Bellamy reviewed the standard references for title and version updates.
- Jason Bellamy is to search for “shall” to be removed since this is a recommended practice.
- Keith to bring up in SC4 what is standard practice for when IEC standards are not linked to IEEE standards.



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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 S19-02 meeting.

7. General Items:

Meeting was adjourned at 3:30 PM.

Motion to adjourn: Jason Bellamy

Second: Mitch Staskiewicz



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Attachment 1

W.G. 4.8 Action Items

Item	Assigned	Dated Identified	Due	Action	Status
19-2	J. Bellamy	1/28/19	S19-02	Review references for latest titles and versions	Closed
19-3	K. Fleischer	1/28/19	S19-02	Ken to distributed annex of examples common water intrusions (including snow & ice)	Closed
19-4	Working Group	1/28/19	S19-02	Group to review from section 6 to the end prior to 19-02 meeting.	Closed
19-5	Working Group	1/28/19	S19-02	Verify standard have engineering control be accessible for inspection of its existence and functionality	Closed
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.	
20-3	Keith Bush	7/23/19	S20-01	Keith is to search INPO for cold weather preparation checklist or annual inspection.	
20-4	Keith Bush	7/23/19	S20-01	Keith will also research beyond design basis following issues for equipment protection.	



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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