



**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: S18-02, Mystic CT.**

**July 23, 2018**

**1. Attendance**

Keith Bush

Jason Bellamy

Singh Matharu

Ken Fleischer

Mitch Staskiewicz

Joe Krvavac

**2. Review Prior Meeting Minutes:**

Agenda for W.G. 18-02 was approved.

Motion to approve agenda: Keith Bush

Second: Singh Matharu

W.G. 4.8 18-01 meeting minutes approved

Motion to approve minutes with changes: Keith Bush

Second: Singh Matharu

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

Membership roster attached to this document as Attachment 2.

Removed Elnora Basler, Jack Carter and Dale Goodney from working group members to corresponding members.

**4. Status of IEEE-833**

Last issued in 2011. PAR draft complete, goal for PAR approval 19-01.

**5. Discussion items**

- The standard was reviewed and changes made towards the next version.
- Discussed that IEEE 323 and 632 would remain as nominative references.
- Hazard identification to be updated and evaluated for expansion in next revision of standard.
- Discussed including lessons learned from Fukushima in possible Annex.
- Discussed updating Maintenance section of the standard to address methods associated with snow, ice etc

**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 S18-02 meeting.



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**7. General Items:**

Meeting was adjourned at 5:00 PM.

Motion to adjourn: Jason Bellamy

Second: Joe Krvavac



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**Attachment 1**  
**W.G. 4.8 Action Items**

<b>Item</b>	<b>Assigned</b>	<b>Dated Identified</b>	<b>Due</b>	<b>Action</b>	<b>Status</b>
17-1	J. Bellamy	7/12/16	S18-01	Reach out to SC4 members for applicable Fukushima OE	Solicited information from SC-4 in 18-01. - Closed
18-1	J. Bellamy	1/22/18	S18-02	Distribute the draft IEEE 833 with the revisions from 17-02	Closed



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**Attachment 2**

**SC-4 Working Group 4.8 Member Listing**

<b>Member Name</b>	<b>Affiliation</b>
Keith Bush	ENERCON
Jason Bellamy	ENERCON
Sudhir Thakur	Exelon
Mitch Staskiewicz	Mirion
Joe Krvavac	S&L
Ken Fleischer	Consultant
Singh Matharu	US NRC