

PSCC Main Committee Meeting Minutes

Meeting Location: Denver, CO and WebEx	Meeting Time: 11:30 AM	Meeting Date: 2019/09/19	Minutes Revised: --	Minutes Approved: 2020/01/16
Presiding Officer: Craig Preuss, Vice-Chair		Recorded by: James Fornea, Secretary		
Attendance:				
Name		Affiliation	Attending via Phone (P) / Web (W) or Local (L) M/CM/G	
Jay Anderson	ComEd	L	G	
Galina Antonova	ABB	L	M	
Marc Benou	Iniven	L	M	
Joe Boyles	Boyles Electronics	W	M	
TW Cease	Consultant	L	M	
Ed Cenzon	SEL	L	M	
Tom Dahlin	SEL	L	G	
Bill Dickerson	Arbiter	L	M	
Michael Doak	Mitsubishi Electric Power	L	G	
Mike Dood	SEL	L	M	
James Fornea	Eaton	L	S	
John Fuller	AT&T	L	M	
Vasudev Gharpure	Quanta Technology	L	M	
Chris Huntley	SEL	L	M	
Anthony Johnson	SCE	L	M	
Steve Klecker	Midamerican Energy	L	G	
Nicholas Kraemer	NuGrid Power Corp	L	G	
Steve Kunsman	ABB	L	M	
Steve Mark	SEL	L	G	
Ken Martin	Electric Power Group	L	M	
Dave McGuire	Hubbell - RFL	L	G	
Scott Mix	PNNL	L	M	
Hugo Monterrubio	Beckwith	L	M	
Ashley Moran	IEEE-SA	L	G	
Dan Nordell	Xcel Energy	W	M	
Craig Palmer	PowerComm Solutions	L	M	
Kaushal Patel	AMPEDI	L	G	
Craig Preuss	Black & Veatch	L	VC	
Dan Ransom	GE Renewable Energy	L	G	
Roderick Torrence	Black & Veatch	L	G	
Benton Vandiver	ABB	L	M	
Nathan Wallace	Ampirical	L	M	
Joshua Watson	BMCD	L	G	
Malia Zaman	IEEE-SA	L	G	
Mark Ziegler	Midamerican Energy	L	G	
M: Member CM: Corresponding Member G: Guest				

Item no.	Notes	Action by
CALL TO ORDER	Meeting called to order at 11:01AM by Craig Preuss.	
ROLL CALL, INTRODUCTIONS, AND QUORUM DETERMINATION	<p>Introductions were conducted in the room. Quorum was determined by a show of hands with membership displayed on the screen; 19/36 members present at the start of the meeting.</p> <p>5 Newcomers to the MC meeting were also asked to re-introduce themselves.</p>	
APPROVAL OF PREVIOUS MINUTES	<p>Minutes from the May meeting have been posted on the PSCCC website.</p> <p>Bill Dickerson made a motion to approve the May 2019 minutes as posted. Scott Mix seconded the motion. The chair called for a vote by raising of hands. Motion carried with no dissent or abstention; the May 2019 meeting minutes were approved.</p>	
UNFINISHED BUSINESS	The Secretary reviewed unfinished/ongoing items related to 123Signup transition and committee update articles in PACWorld magazine. No action required.	
FUTURE SCHEDULED MEETINGS	<p>January 12-16, 2020 (JTCM), Jacksonville, FL May 4-7, 2020, Nashville, TN September 21-24, 2020, Reno, NV January 10-14, 2021 (JTCM), New Orleans, LA</p>	
PSCCC MEMBERSHIP REPORT	<ul style="list-style-type: none"> • 36 MC Members, "58" MC Guests • 119 unique SC Members across all PSCCC SC • 212 unique MC/SC/Sub-Group Members across PSCCC • ≥300 Total rostered participants • ~8 Newcomers' Session attendees this week • 35 Bounced/missing email addresses... 	
STANDARDS COORDINATOR REPORT	<p>Ed Cenzone, Standards Coordinator, provided an update on the status of active PARs, standards in balloting, and standards due for review.</p> <p>2 standards have completed revisions and are in editors' hands</p> <p>10 standards expiring at the end of this year</p> <p>2 standards currently in balloting</p> <p>6 PARs expiring at the end of 2019 or in 2020</p>	
TCP REPORT	<p>The 2020 RevCom/NesCom submittal deadlines were presented</p> <p>Craig provided an update on paper reviews for T&D 2020. Reviews were due on 9/16, and need to be updated immediately. Only 1 paper is fully reviewed at this point. Thank you to all of the volunteers!</p>	

Item no.	Notes	Action by
<p>A0 TASK FORCE REPORTS</p>	<p>(A1) Awards – Hugo Monterrubio Hugo introduced the concept of the new WG Matrix document, which will be used for Awards tracking, meeting room requests, etc. PSCCC Awards activity will be starting in May. Will be done once per year. The Monday evening dinner will be used to deliver awards.</p> <p>***</p> <p>(A2) Fellows – Bill Dickerson Met jointly with PSRCC Fellows TF. Recommend members to apply for senior membership and seek out sponsors for senior member applications. Working to transfer information from Charlie Henville, who has resigned his membership in the PSRCC and had been leading the Fellows activities.</p> <p>***</p> <p>(A3) Membership (Newcomers) – TBD – no report</p> <p>***</p> <p>(A4) O&P Manual and Working Group Training – TBD – no report</p> <p>***</p> <p>(A5) Publicity – Cathy Dalton – no report</p> <p>***</p> <p>(A6) Long Range Task Force – TBD – no report</p> <p>***</p> <p>(A7) Website – Nathan Wallace – Nathan apologizes for delays in getting minutes uploaded this year. There are some questions regarding the process being used, including whether unapproved draft minutes should be posted. A0 needs to continue looking into the options and make a decision on posting draft vs. approved minutes.</p> <p>***</p> <p>(A8) Terminology – Mal Swanson – no special report or needs. Up to speed with new work being undertaken.</p>	

Item no.	Notes	Action by
<p>SUBCOMMITTEE REPORTS</p>	<p>C0 – Power line carrier subcommittee (Palmer) C0 meets at 1PM today. Currently working on 3 standards, corresponding with the instrument transformers group. Wrapping up C93.5 and will be starting work to revise 643. WG for 643 will attempt to schedule a meeting during the normal JTCM meeting sessions in January.</p> <p>***</p> <p>D0 – Wireless subcommittee – no report (currently inactive)</p> <p>***</p> <p>E0 – Wireline subcommittee (Fuller) – no report Published two standards in March, 1137 and 776, related to inductive coordination.</p> <p>***</p> <p>F0 – Optical fiber subcommittee (Byrd) – no report There is a request to know about the meeting dates/times/locations for F0 for dissemination to and by other PSCCC members.</p> <p>***</p> <p>P0 – Protocols and architecture subcommittee (Benou) Benton Vandiver was introduced as the incoming chair of P0 to start in January 2020, with Tom Dahlin serving as the new vice-chair.</p> <p>Galina Antonova recommended that the P1 work should result in an amendment, not a new standard. There was consensus within the group; the Study Group will continue with the current assignment from P0 but will likely move in the direction of an amendment.</p> <p>Steve Kunsman asked about the classification of the CPPS work as a P sub-group. Craig explained that the “Cyber” does not imply cybersecurity. S0 may be approached later about security requirements for CPPS.</p> <p>Additional status information on P activities will be published in the P0 meeting minutes.</p> <p>***</p> <p>S0 – Cybersecurity subcommittee (Kunsman)</p> <p>A brief status update was presented. Additional status information on S activities will be published in the S0 meeting minutes.</p> <p>***</p> <p>T0 – Broadband over Power Line Technology – no report (currently inactive)</p>	

Item no.	Notes	Action by
<p>LIAISON REPORTS</p>	<p>IEEE 5G (TBD) – no report CIGRE D2 (TBD) – no report IEC TC57 WG15 (Marc Lacroix) – no report IEEE Communications Society (TBD) – no report ISA99 (TBD) – no report IEEE-SA (Erin Spiewak) – no report IEEE PES (Miriam Sanders) – no report IEEE Smart Grid (TBD) – no report</p>	
<p>ITEMS REPORTED OUT OF EXECUTIVE SESSION</p>	<p>N/A</p>	
<p>NEW BUSINESS</p>	<p>WG C1 PAR Request for IEEE 643, Guide for Power-Line Carrier Applications</p> <p>Scope: Information related to the expanding usage of carriers on distribution lines below 69 kV will not be covered. Detailed equipment design information will be avoided as this is primarily the concern of equipment manufacturers. Material on power line carrier channel characteristics will be presented along with discussions on intra-bundle conductor systems and insulated shield wire systems. Procedures will be provided for the calculation of channel performance. Data for the calculations will be drawn from various sections of the guide. The coupling components considered will be line traps, coupling capacitors, line tuners, coaxial cables, hybrids, and filters. Frequency selection practices and future trends will also be discussed.</p> <p>Motion to approve by Kunsman Second by Johnson No dissent, motion carried.</p> <p>***</p> <p>SG S13 Co-Sponsor PAR Request for 1547.3, Guide for Cybersecurity of Distributed Energy Resources Interconnected with Electric Power Systems</p> <p>Scope: This document provides guidelines for Cybersecurity of Distributed Energy Resources (DER) interconnection with Electric Power Systems (EPS).</p> <p>Purpose: This document provides guidelines for cybersecurity for one or more distributed energy resources that are interconnected with electric power system. DER include systems in the areas of fuel cells, photovoltaics, wind turbines, microturbines, other distributed energy sources, and distributed energy storage systems interconnected to EPSs at typical primary or secondary distribution voltage levels.</p> <p>Recommendation: Make SG S13 1547.3 into a WG S13 1547.3 to jointly develop the document with SCC21 (S0 members voted to approve on 9/18/19)</p> <p>Motion to approve in accordance with recommendation by Tony Johnson. Second by Kunsman. No dissent, motion carried.</p> <p>***</p>	

Item no.	Notes	Action by
<p>NEW BUSINESS</p>	<p>TF P8 Report, Recommended Mapping Approach Between IEEE Std C37.118.2-2011 and IEC 61850</p> <p>Report was circulated to members of the Main Committee for review and comment; no comments received by the MC Secretary as of meeting time</p> <p>Motion to approve report as circulated by Johnson Second by Benou No dissent, motion carried.</p> <p>***</p> <p>Scott Mix raised the issue to the MC about the inability to conduct Working Group discussions via email while maintaining GDPR compliance. James has already taken action to follow up on this, and an update will be provided in January.</p>	
<p>PSCCC VICE-CHAIR REPORT</p>	<p>Quorum was lost at 12:30PM during this section.</p> <p>Craig Preuss briefed the meeting attendees on the status of the potential P16 PAR request for an entity-method standard.</p> <p>A question was raised: Does the entity method not have to comply with the “vendor dominance” or diversity requirement? This will require follow-up.</p> <p>A0 is looking at forming a task force/working group (A4) to address updates to the P&P/O&P manuals. Work will likely be conducted via web meetings/conference calls. Scott Mix volunteered to join A4 as a corresponding member.</p>	
<p>PSCCC PAST CHAIR COMMENTS</p>	<p>Mike Dood mentioned two awards that were presented at the IEEE PES General Meeting to James Formea (Young Professional) and Roger Ray (Distinguished Engineer).</p>	
<p>TIME OF FINAL ADJOURNMENT</p>	<p>Meeting ended at approximately 12:50PM at the direction of Craig Preuss after all agenda items had been addressed and/or discussed, as no quorum was present to formally act on a motion to adjourn.</p>	
<p>FUTURE MEETING ROOM REQUIREMENTS</p>	<p>[Room Size = 50][Projector = YES][Telecon = YES]</p>	