



PSCC Subcommittee P14 Meeting Minutes

Designation: P14	Name: IEEE Std C37.236™-2013. Guide for Power System Protective Relay Applications Over Digital Communication Channels
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Meeting Location: Reno, NV. In person and virtual	Meeting Time: 2:20PM PST	Meeting Date: 2022/05/09	Minutes Revised: 2022/05/10	Minutes Approved: 2022/09/12
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PAR Output: Standard	PAR Output: Guide	PAR Approval Date: 11/7/2019	PAR Expiration Date: 12/31/2023	Target Sponsor Ballot Date: 9/2022	Target Completion Date: 6/2023
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Presiding Officer: Tom Dahlin, Chair; Dave McGuire, Vice Chair	Recorded by: Tom Dahlin / Dave McGuire	Draft Number: 1.0
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Attendance:			
		Attending via Phone (P) / Web (W) or Local (L)	
Name	Affiliation		M/CM/G

Chris Huntley	SEL	W	M
Dave McGuire	RFL/Hubbell	W	M
Galina Antonova	Hitachi ABB	W	M
Jay Anderson	SEL	W	M
Ken Fodero	SEL	W	M
Marc Benou	Iniven	L	M
Steve Klecker	MidAmerican Energy	W	M
Tom Dahlin	SEL	W	M
Adrian Zvarych	Power Grid Engineering	W	G
Alla Deronja	ATC	W	G
Byungtae Jang		W	G
Carolina Arbona	Burns & Mc Donnell	W	G
Chikashi Komatsu		W	G
Dan Nordell	Xcel Energy	W	G
Daqing Hou		W	G
Erin Morales	IEEE	W	G
Jack Wilson		W	G
Jay Herman	EPRI	W	G
JC Lesieur		W	G
Kevin Donahoe		W	G
Marcos Velazquez	Doble Engineering	W	G
Mike Basler		W	G
Neil Shepard		W	G
Nicholas Kraemer		W	G
Sam Ashmore		W	G
Sebastian Billaut	Commonwealth Associates	L	G
Sudarshan		W	G
Thomas Rudolph		W	G
Craig Palmer	Power Comm Solutions	L	G
Jim Michaelis	Commonwealth Associates	L	G
Brittany Chapman	Commonwealth Associates	L	G
Mark McChesney	Oncor	L	G

Minutes of meeting (continued)

Christopher Weldy	Oncor	L	G
Rafael Garcia	Oncor	L	G
Muhammad Hamid	Black & Veatch	L	G
Melvin Monuy Joseph	Black & Veatch	L	G
Sughosh Kubu	Megger	L	G
Craig Preuss	Black & Veatch	L	G
Rena Fouricas	S&C Electric	L	G
M: Member CM: Corresponding Member G: Guest			

Item no.	Notes	Action by
CALL TO ORDER	Performed by Chair	T. Dahlin
INTRODUCTIONS AND QUORUM	Introductions by Chair - Quorum was achieved with 8 of 13 members in attendance.	WG
CALL FOR PATENTS	IEEE Patent and Copyright slides were reviewed with the group.	T. Dahlin
CHAIR'S REMARKS	Chair opened the meeting with a brief discussion of the agenda.	T. Dahlin
AGENDA APPROVAL	Agenda was displayed, reviewed, and approved.	WG
APPROVAL OF PREVIOUS MINUTES	Minutes of January 2022 meeting were approved. (Jay Anderson motion, Marc Benou second)	WG
Scope Review	Revise Guide. Bring up to date.	WG
General Discussion	Section 6.7 was reviewed - wireless communications. Lots of discussion on content and formatting. Should we remove information not relevant to protective relaying? Do we stay at Layer 1 or Layer 2 for the guide? There was a good discussion regarding GOOSE Messaging over wireless and whether we should move it into the Ethernet section or remove much of the details of GOOSE since it is just a protocol. We will remove 6.7.3 and include items from 6.7.3 in 6.7.2 We will leave 6.7.4 as-is except revise figure 3 to remove DS3 and DS1 As packet networks are more common over microwave, now will revise/improve figure 6 as well. We will combine cellular and private cellular sections. In general, we need to determine how detailed and in-depth we want the guide to be.	WG
Call for Participation		WG
Assignments	Galina will look at providing a suggested new outline. Ken will revise figures 3 and 6 in Visio format. Tom will review section 6.2. Dave M will review section 6.7 and suggest how to organize it	WG
ITEMS REPORTED OUT OF EXECUTIVE SESSION	N/A	-
TIME OF FINAL ADJOURNMENT	3:30 PM PST (Jay Anderson motion, Dave McGuire second)	T. Dahlin
NEXT FACE TO FACE MEETINGS	September 12-15, 2022. Nashville, TN. In-person with possible virtual	-
FUTURE MEETING ROOM REQUIREMENTS	Room for 30, Projector needed Do not schedule same time as P12, H41, H49, C1, C2 and D47.	