



PSCC Subcommittee P14 Meeting Minutes

Designation: P14		Name: IEEE Std C37.236™-2013. Guide for Power System Protective Relay Applications Over Digital Communication Channels			
Meeting Location: Myrtle Beach, SC In person and virtual		Meeting Time: 2:20PM EDT	Meeting Date: 2023/09/18	Minutes Revised: 2023/09/19	Minutes Approved: 01/08/2024
PAR Output: Standard	PAR Output: Guide	PAR Approval Date: 11/7/2019	PAR Expiration Date: 12/31/2025	Target Sponsor Ballot Date: 12/31/2024	Target Completion Date: 09/30/2025
Presiding Officer: Tom Dahlin, Chair; Dave McGuire, Vice Chair			Recorded by: Tom Dahlin / Dave McGuire	Draft Number: 6.1	
Attendance:					
Name		Affiliation		Attending via Phone (P) / Web (W) or Local (L) M/CM/G	
André Melo		Schneider Electric		L	M
Chris Huntley		SEL		L	M
Craig Palmer		PowerCom Solutions		L	M
Dave McGuire		Hubbell Power Systems		W	M
Emmanuel Duvelson		Hubbell Power Systems		L	M
Jay Anderson		SEL		L	M
Marc Benou		Iniven		L	M
Melvin Moncey Joseph		Black & Veatch		L	M
Neil Saia		Entergy		L	M
Priya Raghuraman		Siemens		L	M
Steve Klecker		Retired		W	M
Tom Dahlin		SEL		L	M
Xiangyu Ding		S&C Electric		L	M
Carolina Arbona		Burns & McDonnell		L	G
Ethan Grindle		ATC		L	G
Daniel Ridenour		Dominion Energy		L	G
Brian Smyth		SEL		L	G
Jun Verzosa		Doble Engineering		L	G
Michael Thesing		Patterson & Dewar Engineers		L	G
Milton Quinteros		Entergy		L	G
Joel Greene		SISCO		L	G
Sudarshan Byreddy		Burns & McDonnell		L	G
Shivam Prabhaker		Siemens		L	G
Fawaz Adesina		Entergy		L	G
Dhruv Patel		Beckwith Electric / Hubbell		L	G
Nicholas Kramer		NuGrid Power		L	G
Scott Short		Doble Engineering		L	G
Sajal Harmukh		SEL		L	G
Kanchanrao Dase		SEL		L	G
Rafael Garcia		Oncor		L	G
Tom Thompson		IEEE SA		L	G
Joshua Timm		Power Transformations		L	G

Minutes of meeting (continued)

Claire Patti	PGE	L	G
Bernard Matta	SEL	L	G
Gayle Nelms	SEL	W	G
Milton Quinteros	Entergy	W	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 13 of 17 members in attendance.	WG
CALL FOR PATENTS	IEEE Patent, Copyright and Behavioral 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. (Marc Benou motion, Jay Anderson second)	WG
APPROVAL OF PREVIOUS MINUTES	Minutes of May 2023 meeting were approved. (Marc Benou motion, Jay Anderson second)	WG
Scope Review	Revise Guide. Bring up to date.	WG
General Discussion	<p>Most of the meeting was spent on Section 6 entitled “Digital communications transport technology”.</p> <p>Reviewed and agreed upon newly modified layout for Section 6 Table of Contents.</p> <p>Changed title of Section 6.4.2 from Ethernet to Packet Technology</p> <p>Agreed to spell out all acronyms (TDM, MPLS, PLC, SONET, for example) on first use.</p> <p>Agreed to rearrange 6.3 to be Copper, PLC, fiber and then wireless to align with the evolution of the technologies.</p> <p>Discussion regarding the purpose of the document and the title "applications".</p> <p>The working group will move out-of-scope information to an annex. 6.4.2.6 Use of VLANs for GOOSE traffic was suggested to be added to annex.</p> <p>The contribution to Section 6.4.3.7 Routable GOOSE section by Priya was reviewed.</p> <ul style="list-style-type: none"> - discussed OSI model layers and whether the guide should explain them. <p>Reviewed comments by Ken Fodero:</p> <ul style="list-style-type: none"> - Far End Fault - same as ‘Yellow’ alarm. - Remove First sentence from section regarding RF radiation 	WG
Call for Participation	One new member was added to the working group. Emmanuel Duvelson of Hubbell Power Systems.	WG
Assignments	All WG members to review section 6 and provide comments back by November 17 th , 2023. Comments will be consolidated and reviewed at the January meeting in New Orleans. Will discuss possible virtual meetings to meet the target sponsor ballot date of December 2024.	WG

Item no.	Notes	Action by
ITEMS REPORTED OUT OF EXECUTIVE SESSION	N/A	-
TIME OF FINAL ADJOURNMENT	3:25 PM EDT	T. Dahlin
NEXT FACE TO FACE MEETINGS	January 2024. New Orleans, LA. 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.	

