

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: Las Vegas, NV In person and virtual		Meeting Time: 2:20PM PDT	Meeting Date: 2023/05/08	Minutes Revised: 2023/06/16	Minutes Approved: 09/18/2023
PAR Output: Standard	PAR Output: Guide	PAR Approval Date: 11/7/2019	PAR Expiration Date: 12/31/2023	Target Sponsor Ballot Date: PAR Extension Requested	Target Completion Date: PAR Extension Requested
Presiding Officer: Tom Dahlin, Chair; Dave McGuire, Vice Chair			Recorded by: Tom Dahlin / Dave McGuire		Draft Number: 5.0
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		RFL/Hubbell		W	M
Jay Anderson		SEL		L	M
Jim O’Brien		Duke		L	M
Ken Fodero		SEL		L	M
Marc Benou		Iniven		L	M
Neil Saia		Entergy		L	M
Priya Raghuraman		Siemens		L	M
Tom Dahlin		SEL		L	M
Adrian Zvarych		Qualus		L	G
Benton Vandiver		Hitachi Energy		L	G
Byungtae Jang		KEPCO		W	G
Charles Pesttell		Powell Industries		L	G
Christopher Weldy		Oncor		L	G
Dan Sabin		Schneider Electric		L	G
Daniel Ridenour		Dominion Energy		L	G
Emmanuel Duvelson		Hubbell		L	G
Ethan Grindle		ATC		L	G
Hani Al-Yousef		Eaton		L	G
Ian Tualla		Duke Energy		L	G
Jorg Blumschein		Siemens		L	G
Jonathan Deverick		Dominion Energy		L	G
Marcos Velazquez		Doble Engineering		L	G
Mark Mcuheraey		Oncor		L	G
Nelson Perilla-Sánchez		New Columbia Solar		L	G
Nicholas Kraemer		NuGrid Power		L	G
Paras Patel (TRC)		TRC		L	G
Rafael Garcia		Oncor		L	G
Ryan Lubens		Duke Energy		L	G
Sudarahan Byreddy		BURNS & MCDONNELL ENGINEERING CO		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 11 of 16 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, Chris Huntley second)	WG
APPROVAL OF PREVIOUS MINUTES	Minutes of January 2023 meeting were approved. (Marc Benou motion, Jim O'Brien second)	WG
Scope Review	Revise Guide. Bring up to date.	WG
General Discussion	<p>Reviewed Digital PLC section provided by Craig Palmer</p> <p>Section 6 – Changes made by Ken Fodero were reviewed.</p> <p>Section 5.2 - Reviewed definition of Dependability - We will reference the CIGRE definition.</p> <p>Section 6.2.2.8 Digital phone line (DDS) - discussed removing this section or changing it to historical.</p> <p>Section 6 comments from Andre Melo were reviewed.</p> <p>6.2.2 - multiplexed channel needs revision of the text</p> <p>6.2.2.9 - Change title to Network management system</p> <p>6.2.3 - suggested removing historical information regarding UCA</p> <p>- suggested removing most used Ethernet connections (old technologies)</p> <p>- check distance of twisted pair copper cables – Jay to review</p> <p>- is there a standard for CAT Ethernet cables - Andre to investigate</p> <p>- discussion regarding GOOSE messages and ensuring messages are received</p> <p>6.2.3.4 - review placement of this section</p> <p>- R-GOOSE need to add a section - Priya to do</p> <p>6.2.3.7 - needs further review.</p> <p>Section 6 still needs reorganization.</p>	WG
Call for Participation	One new member was added to the working group. Neil Saia of Entergy.	WG
Assignments	<p>2 year PAR extension requested and should be on the June Nescom meeting agenda.</p> <p>Need section on R-GOOSE – Priya Raghuraman volunteered.</p> <p>Modification to Digital PLC section based on comments received – Craig Palmer</p> <p>Note: Did not review comments received from Priya Raghuraman prior to the meeting. Tom Dahlin to review and incorporate in next draft for review by WG.</p>	WG

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ITEMS REPORTED OUT OF EXECUTIVE SESSION	N/A	-
TIME OF FINAL ADJOURNMENT	3:25 PM PDT	T. Dahlin
NEXT FACE TO FACE MEETINGS	Sept 2023. Myrtle Beach, SC. 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.	