

Designation:	Name:	sed Lines End-of-Life	and Migration				
Mosting Location:	Allalog Leas	Meeting Time:		Minutes Revised:	Minutos	Inproved:	
		9:10 AM CS				Minutes Approved: 2021/05/04	
		PAR Approval Date	, ,			Target Completion Date:	
N/A			ate: PAR Expiration Date: Target Sponsor Ballot D N/A N/A			[2022/05]	
N/A	NA	N/A	IN/A	IN/A		[2022/03]	
Presiding Officer:			Recorded by:	Dra	aft Number:		
	nair; Dave McGuire	e, VC	Marc Benou				
Attendance:		<u>, </u>					
, teterraarree.					Atte	ending via	
						e (P) / Web	
T 5 L!:	Name			Affiliation	(W) c	or Local (L) M/CM/G	
Tom Dahlin			SEL			M	
Marc Benou Jim O'Brien			Iniven Duke			M	
Craig Palmer			PowerComm Solutions			M	
Roger Ray			Power Commission Solutions			M	
Dave McGuire			RFL/Hubbell			M	
Chris Huntley			SEL			M	
Jackie Wilson			Ameren			G	
Jay Herman			EPRI			G	
Scott Mix			PNNL			G	
Jim Michaelis			Commonwealth Associates, Inc.			G	
Craig Hiemenz			Great River Energy			G	
Benton Vandive	er		ABB ES			G	
Dean Sorensen			National Grid			G	
John Grimm			Xcel Energy			G	
Dan Nordell			Xcel Energy			G	

PSCC Committee Minutes of Meeting

Item no.	Notes	Action by
CALL TO ORDER	Performed by acting Chair	M. Benou
INTRODUCTIONS AND QUORUM	quorum established. (7 out of 10 Members, 9 Guests)	TF
CALL FOR PATENTS	N/A (non-PAR related)	-
CHAIR'S REMARKS	HAIR'S REMARKS Acting Chair opened the meeting with a brief discussion of the agenda.	
AGENDA APPROVAL		
APPROVAL OF PREVIOUS MINUTES	September 2020 minutes were approved without objection	M. Benou
Scope Review	n/a	
General Discussion	 Introduction for new attendees - background on why this report came into exitance Will change section 2 title to, 1. History of Leased Voice-Grade Channels for Power System Protective Relay Applications Agreed the report will discuss only protection applications and will not cover broader topics like SCADA, for example Change section 2 to align with the standard C37.93 -teleprotection Modulation types to be included – FSK and OFDM Move the satellite section to the end of 3.2. The section should essentially say that satellite is not recommended due to performance & delay We agreed that point-to-point radio is not appropriate Change section 3.2.5 from dark fiber to "fiber optics" and clarify between lit and unlit fiber Remove section 3.3 and discuss in section in 3.2 Agreed to discuss the benefits and weaknesses of each alternative in their respective sections in 3.2.X sections Discussed guard-before-trip and other audio protection technologies and whether it should be included in the report. We should discuss in May Instead of section 4, refer the reader to IEEE C37.236 Remove section 4.1 	TF
Call for Participation		
ASSIGNMENTS	Marc will make the changes to the document and present it to the TF in May or sooner	TF
ITEMS REPORTED OUT OF EXECUTIVE SESSION	N/A	-
TIME OF FINAL ADJOURNMENT	10:10 AM CST	M. Benou
NEXT MEETING	May 2021, virtual	-
FUTURE MEETING ROOM REQUIREMENTS	Avoid conflict with H32, P14, HTF49	

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