Minutes of WG PC37.11 Revision of Standard for Electrical Control of Circuit Breakers Tuesday, May 5th, 2020 13:30 – 15:15 Via Microsoft TEAMS meeting

I Welcome

II Introductions John Webb - Chair, Tony Ricciuti - Secretary

34 individuals present, introduced with name and affiliation.

- 14 out of 24 Members present
- 19 Guests
- 1 Observer

III A call for knowledge of essential patents was made, no respondents.

IV Minutes from Fall 2019 meeting

- i. Motion made to approve
- ii. Motion seconded
- iii. Approved by unanimous consent

V Agenda as circulated via 123 list-serv to all HVCB was reviewed, no additions proposed.

VI Review of Draft 1.2

- i. Motion to move the document to Ballot by Kenneth S. Edwards
- ii. Motion seconded by Mike Crawford
- iii. Approved by unanimous consent

VII New Items for Consideration: None.

Attachments:

- (1) Meeting Agenda / Discussion Slides
- (2) Membership and Attendance list

John C. Webb Chair



Agenda

- Admin Items for conducting online meeting
- Intro. of Members & Guests
- · Call for Patents
- Minutes from Fall '19 meeting
- Review of Draft 1.2 (iMeet Central 14 Nov)
- · New items for consideration
- Next Steps Request to Ballot?
- Adjourn

				4/30/2019	10/8/2019	5/5/2020
Role	First Name	Last Name	Company			
	John	Webb	ABB	Х	Х	X
Secretary		Ricciuti Bufi	Eaton Corporation	X	Х	X
Member Member		Burse	Hitachi T&D Solutions, Inc. Powell Industries, Inc	X	Х	Х
Member		Crawford	Mitsubishi Electric	X	X	Х
Member		Di Lillo	Consolidated Edison Co. of NY, Inc.	X	X	^
Member		Edwards	FirstEnergy Corp.	X	X	Х
Member		Edwards	Siemens Industry, Inc.	Х		
Member		Flores	Schneider Electric Inc. USA	Х	Х	Х
Member	Raymond	Frazier	Ameren	Х	Х	Χ
Member	Jennifer	Hunter	MEPPI	Χ		Х
Member	Todd	Irwin	GE Grid Solutions	Χ	Х	Х
Member	Christopher	Jarnigan	Southern Company Services	Χ	Χ	Χ
Member	Benjamin	Marx	Sargent and Lundy	Χ	Χ	Х
Member	Stephanie	Montoya	Southern California Edison	Χ		
Member	Andrew	Peterson	ABB	X	Χ	Х
Member		Phouminh	PEPCO HOLDINGS, INC.	Χ	Х	Χ
Member		Rich	Dominion Energy	X		
Member		Santos	Schneider Electric	Χ	Χ	Χ
Member		Schneider	Schneider Electric	X	Χ	
Member		Schuetz	American Transmission Company (ATC)	Χ	Χ	Χ
Member		Sharma	Entergy	X		
Member		Steigerwalt	Duke Energy	Χ	Χ	Х
Member		Zhang	Hitachi T&D Solutions, Inc.	Х	Х	Х
Guest	Roy	Ayers	Nashville Electric Service			Х
Guest	Herman	Bannink	KEMA Netherlands	Х		
Guest	Paul	Barnhart	Underwriters Laboratories	Χ		X
Guest	Eldridge	Byron	Schneider Electric		X	Х
Guest	Stephen	Cary	Eaton Communication Communication	. v	Х	
Guest Guest	Mohit	Chhabra	S&C Electric Company	X		Х
Guest	Lucas Bernie	Collette	Duquesne Light PECO	X	Χ	Х
Guest	Emily	Dwyer Eftink	Burns & McDonnell	X	٨	
Guest	Tanner	Esco	Eaton Corporation	^	Х	
Guest	Howard	Fennell	Nashville Electric Service		X	
Guest	John	Hall	Tennessee Valley Authority		X	Х
Guest	Victor	Hermosillo	GE Grid Solutions		Λ.	X
Guest	Joseph	Jasinski	ITC Holdings Corp.	Х		
Guest	Thomas	Keels	kEElectric Engineering	- / (Х	
Guest	Carl	Kurinko	ABB Inc.		Х	
Guest	Scott	Lanning	S&C Electric	Х		
Guest	Hua Ying	Liu	Southern California Edison		Х	
Guest	Vincent	Marshall	Southern Company Services	Х		
Guest	Douglas	Mason	ComEd	X		
Guest	Steven	May	Southern Company	Х		Х
Guest	Neil	McCord	KEC Precision		Х	Х
Guest	Joe	Nims	Allen & Hoshall			Χ
Guest	Miklos	Orosz	Myers Controlled Power		Х	
Guest	Mary	Owens	Eaton		Х	
Guest	Thomas	Pellerito	DTE Energy	Х	Х	
Guest	Mark	Peterson	Xcel Energy	Χ		
Guest	Jeffery	Ricker	SCHNEIDER ELECTRIC		Х	
Guest	Dave	Riffe	Westinghouse Electric Company	Χ	Χ	
Guest	Grant	Ringham	BC Hydro			Χ
Guest	Brian	Roberts	Southern States, LLC		Χ	
Guest	Sushil	Shinde	ABB Inc.		Χ	Χ
Guest	Dean	Sigmon	Eaton Corporation		Χ	
Guest	Michael	Skidmore	AEP		Χ	
Guest	Francois	Trichon	Schneider Electric	Χ		
Guest	William	Weishuhn	ABB	X		
Guest	Jan	Weisker	Siemens AG			Χ
Guest	Jerry	Wen	BC Hydro		Х	
Guest	Torsten	Wirz	ABB AG		Х	
Guest	Joseph	Wisnewski	ULLLC			X
Guest	Richard	York	Mitsubishi Electric Power Products Inc.			X
Guest	Li	Yu	Eaton Corporation			Х
Guest	Jim	Zhong	American Transmission Company	Х		

				4/30/2019	10/8/2019	5/5/2020
Role	First Name	Last Name	Company	V	٧/	V
Chair	John	Webb	ABB Fatan Corporation	X	X	X
Secretary Member	Anthony Arben	Ricciuti Bufi	Eaton Corporation Hitachi T&D Solutions, Inc.	X	X	X
			Powell Industries, Inc	X	V	٨
Member Member	Ted Michael	Burse Crawford	Mitsubishi Electric	X	X	Х
Member	Patrick	Di Lillo		X	X	٨
Member		Edwards	Consolidated Edison Co. of NY, Inc.	X	X	V
Member	Ken	Edwards	FirstEnergy Corp.	X	^	X
Member	Doug Sergio	Flores	Siemens Industry, Inc. Schneider Electric Inc. USA	X	Х	Х
Member		Frazier				
	Raymond Jennifer		Ameren	X	X	X
Member Member	Todd	Hunter	MEPPI GE Grid Solutions		V	
		Irwin		X	X	X
Member	Christopher	Jarnigan	Southern Company Services	X	X	X
Member Member	Benjamin	Marx	Sargent and Lundy Southern California Edison	X	Χ	X
Member	Stephanie Andrew	Montoya Peterson	ABB	X	X	V
	John			X	X	X
Member		Phouminh	PEPCO HOLDINGS, INC.		^	Х
Member Member	Bobby	Rich	Dominion Energy Schneider Electric	X	V	V
Member	Leonel Carl	Santos Schneider	Schneider Electric	X	X	Х
Member	Carl	Schuetz		X	X	Х
Member	Devki	Sharma	American Transmission Company (ATC)	X	^	^
Member	Don	Steigerwalt	Entergy Duke Energy	X	Х	Х
Member	Wei		Duke Energy Hitachi T&D Solutions, Inc.	X	X	X
Guest	Roy	Zhang	Nashville Electric Service	^	^	X
Guest	Herman	Ayers Bannink	KEMA Netherlands	X		٨
Guest	Paul	Barnhart	Underwriters Laboratories	X		Х
Guest	Eldridge	Byron	Schneider Electric	^	Х	X
Guest	Stephen	Cary	Eaton		X	٨
Guest	Mohit	Chhabra	S&C Electric Company	Х	٨	
Guest	Lucas	Collette	Duquesne Light	X		Х
Guest	Bernie	Dwyer	PECO	X	Х	^
Guest	Emily	Eftink	Burns & McDonnell	X	^	
Guest	Tanner	Esco	Eaton Corporation	Λ.	Х	
Guest	Howard	Fennell	Nashville Electric Service		X	
Guest	John	Hall	Tennessee Valley Authority		X	Х
Guest	Victor	Hermosillo	GE Grid Solutions		^	X
Juest	VICTOI	HEITHUSIIIU	GE GHU JOIUUIOIIS			Λ.

Guest	Joseph	Jasinski	ITC Holdings Corp.	Χ		
Guest	Thomas	Keels	kEElectric Engineering		Χ	
Guest	Carl	Kurinko	ABB Inc.		Χ	
Guest	Scott	Lanning	S&C Electric	Χ		
Guest	Hua Ying	Liu	Southern California Edison		Χ	
Guest	Vincent	Marshall	Southern Company Services	Χ		
Guest	Douglas	Mason	ComEd	Χ		
Guest	Steven	May	Southern Company	Χ		Χ
Guest	Neil	McCord	KEC Precision		Χ	Χ
Guest	Joe	Nims	Allen & Hoshall			Χ
Guest	Miklos	Orosz	Myers Controlled Power		Χ	
Guest	Mary	Owens	Eaton		Χ	
Guest	Thomas	Pellerito	DTE Energy	Χ	Χ	
Guest	Mark	Peterson	Xcel Energy	Χ		
Guest	Jeffery	Ricker	SCHNEIDER ELECTRIC		Χ	
Guest	Dave	Riffe	Westinghouse Electric Company	Χ	Χ	
Guest	Grant	Ringham	BC Hydro			Χ
Guest	Brian	Roberts	Southern States, LLC		Χ	
Guest	Sushil	Shinde	ABB Inc.		Χ	Χ
Guest	Dean	Sigmon	Eaton Corporation		Χ	
Guest	Michael	Skidmore	AEP		Χ	
Guest	Francois	Trichon	Schneider Electric	Χ		
Guest	William	Weishuhn	ABB	Χ		
Guest	Jan	Weisker	Siemens AG			Χ
Guest	Jerry	Wen	BC Hydro		Χ	
Guest	Torsten	Wirz	ABB AG		Χ	
Guest	Joseph	Wisnewski	UL LLC			Χ
Guest	Richard	York	Mitsubishi Electric Power Products Inc.			Χ
Guest	Li	Yu	Eaton Corporation			Χ
Guest	Jim	Zhong	American Transmission Company	Χ		