

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

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

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

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