

Minutes of WG PC37.12
 Guide for Specification of Circuit Breakers
 Tuesday, October 10th, 2017
 16:15 – 18:00
 Marriott Sable Oaks, Portland ME

- I Welcome
- II Introductions
 Meeting opened with 13 of 21 members and 29 guests. A quorum was present.
- III A call for knowledge of essential patents was made, no respondents.
- IV Motion to approve the minutes from spring meeting by Todd Irwin, seconded by Mike Skidmore.
 Approved unanimously by voice vote.
- V Old Business
 - a. None.
- VI New Business
 - a. Results of the recirculation 1 of the document (Draft 4) which closed on 2 March.

Result of Ballot
 94 ballot group
 73 affirmative votes
 8 total negative votes w/ comments
 83/94 votes received = **88% Returned**
 73/81 votes = **90% affirmative**

<u>Comment Distro</u>	<u>Must Satisfy?</u>		
	<u>No</u>	<u>Yes</u>	<u>Grand Total</u>
Editorial	15		15
General	6	3	9
Technical		4	4
Grand Total	21	7	28

Comment resolution during the meeting disposed of all 28 Comments. Particular points discussed during comment resolution included:

- One set of comments suggested the removal of specification of the frequency of the inrush current on capacitive switching. The WG agreed with the intent of the comments by a vote of the WG members present 8 to 3 (2 not voting).
- In order to avoid duplication of definitions within the online dictionary some definitions were removed, other terms that need not be raised to the level of definitions were relocated to other parts of the document.
- The IEEE editors called into question the use of the word “shall” in this guide, which was intended to be used only in an exemplary fashion (i.e. proposed wording to be used in the specification). In response each use of the word “shall” was reviewed by the WG as a whole. The majority of uses were confirmed as appropriate as examples of proposed wording, however five uses of ‘shall’ were changed.

The existing comment resolution group (CRG) formed from the prior meeting was authorized to continue work. Tasked to implement the agreed upon changes in the draft and recirculate the ballot if needed. Motion made by Andy Keels, Seconded by Mike Skidmore. Approved by voice vote.

The CRG is: Andy Keels, Todd Irwin, David Mitchell, Hua Liu, and John Webb.

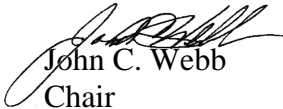
Chair adjourned meeting at 18:00

VII Membership

The following members have failed to maintain the required participation will be converted to 'Guests': Ken Edwards, Roy Hutchins, Jerry Wen, Matthew Williford, Terry Woodyard.

The following individuals have attended two consecutive meetings and requested membership to the working group and are being added as such: Raymond Frazier, Wei Zhang. Other guests who have met the attendance requirements and wish to be added as members of the working group should inform the Chair, John Webb, prior to the beginning of the next meeting.

Attachments: (1) Membership and Attendance list
(2) Agenda and results of voting


John C. Webb
Chair

Meeting Attendance 10Oct17

Role	First Name	Last Name	Company	City	State	4/25/2017	10/10/2017
Chair	John	Webb	ABB	Florence	SC	X	X
Member	Arben	Bufi	Hitachi T&D Solutions, Inc.	Suwanee	GA	X	X
Member	Chih	Chow	PEPCO	Washington	DC	X	X
Member	Robert	Foster	Megger	Paradise	CA	X	X
Member	Todd	Irwin	GE Grid Solutions	Smithville	MO	X	X
Member	Joseph	Jasinski	ITC Holdings Corp.	Novi	MI		X
Member	Thomas	Keels	Salt River Project	Phoenix	AZ	X	X
Member	Scott	Lanning	S&C Electric	Libertyville	IL	X	X
Member	Hua Ying	Liu	Southern California Edison	Pomona	CA	X	X
Member	Andrew	Peterson	ABB	Sanford	FL	X	X
Member	Devki	Sharma	Consultant	Byram	MS	X	X
Member	Michael	Skidmore	AEP	Pickerington	OH	X	X
Member	Casey	Weeks	Siemens Energy	Richland	MS	X	X
Guest	Roy	Alexander	RWA Engineering	Cranberry Twp.	PA		X
Guest	Brad	Armstrong	Meramec Instrument Transfor	Cuba	MO	X	X
Guest	Andrew	Chovanec	GE Power	Charleroi	PA		X
Guest	Michael	Christian	ABB	Lake Mary	FL		X
Guest	Michael	Crawford	Mitsubishi Electric	Cranberry Twp	PA		X
Guest	Philip	Fentress	Memphis Light, Gas & Water D	Memphis	TN		X
Guest	Sergio	Flores	Schneider Electric Inc. USA	SMYRNA	TN		X
Guest	Raymond	Frazier	Ameren	St. Louis	MO	X	X
Guest	Victor	Hermosillo	GE Grid Solutions	Charleroi	PA		X
Guest	Alexander	Hoover	Siemens Industry	Richland	MS		X
Guest	Jingxuan (Joanr	Hu	RBJ Engineering Corporation	Winnipeg	MB		X
Guest	Jennifer	Hunter	MEPPI	Warrendale	PA	X	X
Guest	Cory	Johnson	Bonneville Power Administrati	Portland	OR		X
Guest	Neil	McCord	KEC Precision	Athens	GA		X
Guest	Dave	Mitchell	Dominion	Richmond	VA	X	X
Guest	Mark	Peterson	Xcel Energy	Denver	CO		X
Guest	John	Phouminh	PEPCO HOLDINGS, INC.	WASHINGTON	DC	X	X
Guest	Anthony	Ricci	FirstEnergy Corp.	Akron	OH		X
Guest	Bobby	Rich	Dominion Virginia Power	Richmond	VA	X	X
Guest	Moin	Shaikh	Siemens	Madison	MS		X
Guest	Christopher	Slattery	FirstEnergy	Fairlawn	OH		X
Guest	Don	Steigerwalt	Duke Energy	Charlotte	NC		X
Guest	Henk	te Paske	KEMA Netherlands	Arnhem	Other		X
Guest	Jordan	Tsvetanoff	First Energy	Twinsburg	OH		X
Guest	James	van de Ligt	CANA High Voltage Ltd.	Calgary	AB		X
Guest	Jeffrey	Ward	Doble Engineering Company	Watertown	MA	X	X
Guest	Robert	Warren	DNV GL - KEMA Laboratories	Chalfont	PA		X
Guest	Wei	Zhang	Hitachi HVB, Inc.	Suwanee	GA	X	X
Guest	Xi	Zhu	GE Energy Management	Atlanta	GA	X	X

Meeting Attendance 10Oct17

Role	First Name	Last Name	Company	City	State	4/25/2017	10/10/2017
Members			21			15	13
Guests			92			29	29
Total			113			44	42

PC 37.12

Guide for Specifications for High Voltage Circuit Breakers

Marriott Sable Oaks, Portland, ME

10 October, 2017: 4:15 – 6:00 pm

Agenda

- Intro. of Attendees, Membership, Quorum
- Call for knowledge of essential Patents
- Review of Minutes
- Comment Resolution of Recirculation 1 (D4)
- New Business
- Adjourn

Membership / Quorum

John Webb

Ken Edwards

Bufi, Arben	Member
Cary, Stephen	Member
Chow, Chih	Member
Door, Jeffrey	Member
Foster, Robert	Member
Hutchins, Roy	Member
Irwin, Todd	Member
Jasinski, Joseph	Member
Keels, Thomas	Member
Lanning, Scott	Member

Liu, Hua Ying	Member
Mulcahy, Tom	Member
Peterson, Andrew	Member
Sharma, Devki	Member
Skidmore, Michael	Member
Weeks, Casey	Member
Wen, Jerry	Member
Williford, Matthew	Member
Woodyard, Terry	Member

Working Group Membership: 21 Quorum Requirement: 11

Recirculation 1 Ballot (D4)

Result Of Ballot

- 94 ballot group
 - 73 affirmative votes
 - 8 total negative votes w/ comments
 - 1 negative votes w/new comments
 - 0 negative votes w/o comments
 - 2 abstention votes:
-
- 83/94 votes received = **88% Returned**
 - 73/81 votes = **90% affirmative**
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- 28 Total Comments.
 - 7 “Must be Satisfied” Votes

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Baloter	Editorial	General	Technical	Grand Total
Webb, John	12	4		16
Alexander, Roy		1	4	5
Mulcahy, Thomas		2		2
Berger, Catherine		2		2
Chow, Chih	2			2
Dufournet, Denis	1			1
Grand Total	15	9	4	28