

Minutes of WG PC37.11
Electrical Control of Circuit Breakers
Monday, September 16th, 2013
10:15 – 12:00
San Antonio, TX

I Welcome

II Introductions

Meeting opened with 11 members and 35 guests. A quorum was present.

III Minutes from previous meeting of the WG were reviewed and approved.

a. Moved by Stan Billings, seconded by Xi Zhu; carried by voice vote.

IV Old Business

a. PAR Expires Dec. 2013.

V New Business

a. Recirculation #1 closed 13 Sept.

b. 85% Response Rate, 97% Approval. Meets IEEE criteria for acceptance once negative comments are resolved. 2 Negative votes with 3 comments that must be resolved and two that are not mandatory to satisfy as shown below:

- Clause 3 (h), Page 3, Line 22. Note following clause was incorrect. Comment was that resolution noted ‘Accepted’ where in fact it should have said ‘revised’ as the WG vote was to remove the note. Commenter proposed alternate wording which was not accepted by the WG.
 - Alternate wording was proposed in a motion made by D. Dufournet, 2nd by M. Aristizabal to alter clause h to only reference dielectric strength and strike the note which would now be superfluous
- Discussion:
 - Need to move “opening” to (g) from (h) as well as “interrupting” in (g) to cover end users (Ken Edwards)
 - Added ‘dielectric strength, opening or’ to g)
 - h) is deleted, as is its’ note
 - Question has passed unanimously...
- Auxiliary Switch comment dealing with number of aux contacts that may be possible to provide on retrofit breakers due to their construction was resolved by the chair and the commenter by adding C37.59 “IEEE Standard Requirements for Conversion of Power Switchgear Equipment”. No objections made by WG.
- Comments list: One or more trip coils, the word ‘simultaneous operation’ was replaced by ‘Operation of either one or...’.
 - Clause 5 (h): ‘Operation of either one or...’ was decided last meeting but erroneously failed to be included in D6.4.
- Non- “Must be Satisfied” Comments: Auxiliary Switches: ‘extra’ in figures left as is in explanatory text at bottom of drawing; change from “Extra” to “Additional” made on drawings and in text for required auxiliary switches made available for the user. A minor spelling error was also pointed out for correction.

c. Recirculation #2 submitted 16 September 2013 for 10 day recirculation.

Chair adjourned meeting at 11:45

VI Anticipate closing the standard with this recirculation and not further meetings are planned.

Attachments: (1) Membership and Attendance list.

WG PC37.11 Fall 2013 Meeting Attendance

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Company</u>	<u>City</u>	<u>State</u>
Chair	John	Webb	ABB	Florence	SC
Vice-Chair	Michael	Crawford	Mitsubishi Electric	Cranberry Twp	PA
Member	Mauricio	Aristizabal	ABB	Pittsburgh	PA
Member	Stan	Billings	Mitsubishi Electric PP	Warrendale	PA
Member	Arben	Bufi	Hitachi HVB, Inc.	Suwanee	GA
Member	Gilbert	Carmona	Southern California Edison	Pomona	CA
Member	Patrick	Di Lillo	Consolidated Edison Co. of NY, Inc.	New York	NY
Member	Anthony	Ricciuti	Eaton Corporation	Moon Township	PA
Member	Michael	Skidmore	AEP	Pickerington	OH
Member	Xi	Zhu	GE Energy Management	Atlanta	GA
Guest	Syed Shahab U	Ahmed	Siemens Energy Inc	Madison	MS
Guest	Amildo	Barrio	Parsons	Denver	CO
Guest	George	Becker	The United Illuminating Company	Guilford	CT
Guest	Steven	Brown	Allen & Hoshall	Bartlett	TN
Guest	Donald	Cantrelle	Georgia Power	Forest Park	GA
Guest	Chih	Chow	PEPCO	Washington	DC
Guest	Michael	Christian	ABB	Lake Mary	FL
Guest	Roggero	Ciofani	Altalink	Calgary	AB
Guest	Dave	Collette	Mitsubishi Electric	Warrendale	PA
Guest	Lee	Cox, Jr.	Efacec	Norcross	GA
Guest	Jerod	Day	Vacuum Interrupters, Inc.	Carrollton	TX
Guest	Denis	Dufournet	Alstom Grid	Villeurbanne	Other
Guest	Ken	Edwards	Bonneville Power Administration	Vancouver	WA
Guest	Tanner	Esco	Eaton Corporation	Greenwood	SC
Guest	Robert	Foster	Megger	Paradise	CA
Guest	Douglas	Giraud	Powell Electrical Systems	Houston	TX
Guest	John	Hall	Tennessee Valley Authority	Chattanooga	TN
Guest	Todd	Irwin	Alstom Grid Inc	Smithville	MO
Guest	Carlos	Isaac	Oncor Electric Delivery	Fort Worth	TX
Guest	Jacob	Joseph	Toshiba International Corporation	Houston	TX
Guest	Bjorn	Lofgren	Siemens Energy	Richland	MS
Guest	Vincent	Marshall	Southern Company Services	Forest Park	GA
Guest	Gary	Martin	Entergy	Kenner	LA
Guest	Dave	Mitchell	Dominion	Richmond	VA
Guest	Thomas	Pellerito	DTE Energy	Detroit	MI
Guest	Brian	Roberts	Southern States, LLC	Hampton	GA
Guest	Jon	Rogers	Siemens Energy, Inc	richland	MS
Guest	Roderick	Sauls	Southern Company Services	Birmingham	AL
Guest	Carl	Schuetz	American Transmission Company (AT	Waukesha	WI
Guest	Sushil	Shinde	ABB Inc.	Mt Pleasant	PA
Guest	Michael	Sigmon	Eaton Corporation	Greenwood	SC
Guest	Erin	Spiewak	IEEE	Piscataway	NJ
Guest	Don	Steigerwalt	Duke Energy	Charlotte	NC
Guest	James	van de Ligt	CANA High Voltage Ltd.	Calgary	AB
Guest	Dong Sun	Yoon	HICO America	Greensburg	PA
Correspondir	Eldridge	Byron	Schneider Electric	Smyrna	TN