

Minutes of WG PC37.11
Revision of Standard for Electrical Control of Circuit Breakers
Monday April 11, 2022
10:15 – 12:00 EDT
Signia by Hilton Orlando Bonnet Creek, Orlando, FL

I. Welcome and Introductions

John Webb – Chair, Tony Ricciuti – Secretary
40 individuals present, introduced with name and affiliation.
12 out of 22 Members present and 28 guests – a quorum was present.
Approved Agenda without objection

II. Mandatory meeting precursors

IEEE Patent slides were reviewed, and a call made for any individuals with knowledge of essential patents to make them known. There were none.
IEEE Copyright Policy slides were shown.

III. Previous Minutes

Minutes from 12 October 2021 meeting had been posted on the website. Motion to approve by Carl Schuetz, Seconded by Mike Crawford. Passed by acclamation.

IV. Discussions and Review of Comments from Initial Ballot of Draft 1.4 of PC37.11:

The Chair reported that the High Voltage Circuit Breaker subcommittee approved a request to extend PAR for PC37.11 if the working group determines the necessity of it.

The reason for the request was to resolve several comments in the initial ballot of C37.11 as more properly belonging in C37.04. The proposed process would be to request C37.04a amendment working group to consider the changes. The sections to be moved need to be identified.

The working group had a discussion on whether the WG should pause work until C37.04a submitted with work and possibly extend PAR for PC37.11 to remove duplicated material, or proceed to publish PC37.11 without removing material intended for C37.04a with the intention to amend C37.11 after publication of C37.04a to remove the duplicated material. Other documents under revision may have similar concerns, and the scopes of those documents may need individual review to evaluate those concerns. Devki Sharma moved to proceed with resolving the submitted comments and ballot the document to advance it to the completion state. The motion was seconded by Andy Keels. It was noted that the scope of C37.04a includes bringing in some clauses and normative information from C37.11. A vote was taken with the following results:

- approve: 12
- against: 0
- abstain: 0

Motion passed unanimously.

Circuit terminal numbering and wiring diagrams were discussed with concern that the numbering system presented in C37.11 is not universally followed in the industry.

The working group discussed the application of digital controls in the control of circuit breakers. The technology and its application are expanding in the industry. Comments were discussed regarding the wording within the scope of C37.11 covers the “what” but not the “how” of electrical control requirements. Therefore, topics such as digital control vs analog control may not be pertinent to this standard.

The Chair shall conduct a virtual meeting by end of June.

Highlights of Comments reviewed:


- Comment discussed the necessity of retaining the note referencing the disabling of the XY circuit in. The working group agreed to promote this note to normative text in order to retain the information. Adding a “Caution” qualification was considered, but ultimately rejected by the WG. Comment discussed the lack of an essential requirement. Suggested textual changes were reviewed, revised, approved, and promoted to normative text by the WG.
- A ballot comment suggested combining sections 4.3, 4.4, 4.5 and 4.6 into one subclause (4.3) Suggestion was rejected by the WG, one reason being that the items will remain as separate line items within the table of contents for faster reference.
- Comment discussed in reference to the definition of a disconnecting device may be considered to be redundant. “Disconnecting device” was previously replaced with “isolating switch” in an earlier working group session. Comment has not yet been resolved.

V. Next Meeting:

Next meeting to be scheduled in the Fall of 2022 in Burlington, VT.
The meeting was formally adjourned at 11:55 EDT.

VI. Attachments:

- (1) Membership and Attendance list


John C. Webb Chair
Tony Ricciuti Secretary

PC37.11 WG Attendance 12 April 2022

Role	Pref. Name	Last Name	Company	State	15-Apr-21	20-Apr-21	12-Oct-21	11-Apr-22
Chair	John	Webb	ABB	SC	X	X	X	X
Secretary	Tony	Ricciuti	Eaton Corporation	PA	X	X	X	X
Member	Ted	Burse	Powell Industries, Inc	TX	X		X	X
Member	Mike	Crawford	Mitsubishi Electric	PA		X	X	X
Member	Pat	Di Lillo	Consolidated Edison Co. of NY, Inc.	NY	X	X	X	X
Member	Sergio	Flores	Schneider Electric Inc. USA	TN	X	X	X	X
Member	Todd	Irwin	GE Grid Solutions	MO	X	X	X	X
Member	Chris	Jarnigan	Southern Company Services	AL	X	X	X	X
Member	Andy	Keels	kEElectric Engineering	AZ	X	X	X	X
Member	Carl	Schuetz	American Transmission Company (ATWI			X	X	X
Member	Devki	Sharma	Entergy	NS		X	X	X
Member	Will	Zhang	Hitachi T&D Solutions, Inc.	GA		X	X	X
Guest	Koustubh	Ashtekar						X
Guest	Elizabeth	Bray						X
Guest	John	Bucerke						X
Guest	Arben	Bufi	Meiden America Switchgear, Inc.	SC			X	X
Guest	Andy	Chovanec						X
Guest	Michael	Christian	ABB				X	X
Guest	Luke	Collette	Duquesne Light	PA			X	X
Guest	Jason	Cunningham					X	X
Guest	Bruce	Fennell	Nashville Electric Service	TN				X
Guest	Chris	Hastreiter						X
Guest	Neil Hutchins	Hutchins	Georgia Power Company	GA		X	X	X
Guest	Bharas	Jagadeesan						X
Guest	Victor	Kim						X
Guest	Chang-Hoon	Lee						X
Guest	LEO	Lopez	WIKA Instrument, LP	GA		X	X	X
Guest	Vincent	Marshall	Southern Company Services	GA				X
Guest	Neil	McCord	KEC Precision	GA				X
Guest	Anthony	Natek						X
Guest	Tom	Pellerito	DTE Energy	MI		X	X	X
Guest	Rakesh	Ranjan						X
Guest	Oscar	Salas						X
Guest	Dan	Schiffbauer						X
Guest	Jeff	Scott						X
Guest	Mike	Skidmore	AEP	OH		X	X	X
Guest	Tim	Tillery						X
Guest	Nenad	Uzelac						X
Guest	Sam	Zaharko						X
Guest	Gigi	Zhang						X