

PC37.016 WG, Standard for AC High Voltage Circuit Switchers Rated 15.5 kV (HVCB)

October 6, 2025 – Peppermill Resort, Reno, NV – II of II (3:45PM-5:30PM)

Chair: Neil McCord (Consultant)

Vice Chair: Sudarshan Byreddy (Consultant)

Secretary: Luke Collette (Utility)

Meeting Minutes

1. Call to order and introduction:

The PC37.016 WG IEEE Standard for AC High Voltage Circuit Switchers Rated 15.5 kV met on Monday, October 6th, 2025, at 3:45 PM Neil McCord, Working Group Chair, presided over the meeting.

2. Introduction of Members and Guests

Attendance recorded through sign-in sheet (attendance sheet attached to MOM).

- 54 in attendance with 30 of 34 members (88%) present. Quorum met.

3. Review of Copyright, Patent, and Behavior/Ethics Slides & Call for Patents

Chair called for any potential Patent claims. No Patent claims identified.

4. Discussion on Draft D2.6 for C37.016

WG chair continued discussion on three-phase verification tests.

WG chair proposed that a three-phase test is not needed for close and latch if it passed the single-phase test. Discussion followed with comments made that the three-phase close and latch test is required. Comment was made that previous and existing versions of C37.09 do not require the three-phase close and latch test.

Comment was made that the making withstand current should be the same as short time withstand current since the circuit switcher can close into a fault. Table 15 needs corrected to show this.

Existing C37.016 Clause 5.16 calls it rated short-circuit making current, comment was made to use consistent language in this clause.

Motion made to make the change to make short-circuit making current the same as the short-time withstand current: Andy Chovanec, 2nd to motion: Zachary Beecher, WG approved

Motion to add close and latch requirements to three-phase verification tests (TPVm1 and TPVm2): Dan Schiffbauer, 2nd to motion: Dave Mitchell, WG approved

WG Chair mentioned adding a requirement for no-load test. No objections raised by WG.

Comment was made that we should add clarification to what is meant by “adjustment” during the test. Discussion of WG clarified that three-phase test should be performed first, and then during single-phase tests that follow the “adjustments” can be made to match three-phase performance (i.e., travel curve). Primarily for hydraulic or pneumatic mechanisms (maybe some spring) where adjustments can be made.

Motion to accept the modified language regarding the “adjustment” as shown on the screen during the meeting: Motion: Carl Schuetz, 2nd to Motion: Pete Marzec. Approved by unanimous consent.

WG Chair made a comment regarding what does “a significant influence” mean in 7.14.2.8. Discussion among WG about what would cause the influence (e.g., gas pressure buildup, electromagnetic forces, etc.). No proposals made to modify this during the meeting.

Informal vote on whether draft D2.6 is ready to initiate ballot: Consensus was to proceed.

5. Working Group Vote

“To submit the draft for mandatory editorial coordination and, pending successful MEC, ballot PC37.016 draft D2.6 including comments made during this meeting and the two previous WG meetings”.

Motion: Chris Jarnigan, 2nd to Motion (including Amendment): Brian Roberts

Amendment as follows per Dan Schiffbauer.

“To submit the draft for mandatory editorial coordination and, pending successful MEC, ballot PC37.016 draft D2.6 including comments made during this meeting and the two previous WG meetings. Additionally, form a ballot pool”.

Motion: Chris Jarnigan, 2nd to Motion (including Amendment): Brian Roberts
Motion passed with unanimous consent.

Motion to form a comment resolution group of six or less people and be empowered to resolve the comments and go to Revcom: Motion: Dave Mitchell, 2nd to Motion: Fernando Ordein, Motion approved by consensus.

Comment Resolution Group:

Sudarshan Byreddy
Dave Mitchell
Fernando Ordein

Andy Chovanec
Pete Marzec
Neil McCord

6. Plan Moving Forward

Request PAR extension and initiate balloting process.

7. Next Meeting

TBD

8. Meeting Adjourned at 5:21 PM

- Motion to adjourn the meeting: Carl Schuetz
- 2nd to Motion: Andy Keels
- Approved by unanimous consent

Submitted by:

Lucas Collette
WG Secretary, C37.016
Standard for AC High Voltage Circuit Switchers Rated 15.5 kV

and

Neil A. McCord
WG Chair, C37.016
Standard for AC High Voltage Circuit Switchers Rated 15.5 kV

IEEE PES Switchgear Committee

HVCB C37.016 - Meeting Roster

Place / Date of meeting: **Peppermill Resort, Reno, NV - 10/6/25 (Meeting 2 of 2)**

Initial to denote attendance	Last name	First name	Company name	Role
X	Baioco	Geraldo	Siemens Energy	Non-Member
X	Beck	Jason	Dominion Energy	Non-Voting Member
X	Beckel	Andy	Xcel Energy	Voting Member
X	Beecher	Zachary	Power Grid Comp.	Voting Member
X	Benedict	Dan	PPL	Voting Member
X	Blackmon	Cole	Southern Company	Non-Member
X	Bornuat	Albane	GE Vernova	Non-Member
X	Brooks	Adam	Duke Energy	Non-Member
X	Byreddy	Sudarshan	Burns & McDonnell	Vice-Chair
X	Chovanec	Andrew	Power Grid Comp.	Voting Member
X	Collette	Lucas	Duquesne Light Co.	Secretary
X	Cunningham	Jason	Power Grid Comp.	Voting Member
X	DeHart	Jason	PG&E	Non-Member
X	Dilillo	Pat	T and I Consults	Non-Voting Member
X	Harley	Jack	First Power Group	Non-Member
X	Hasnaoui	Nadia	GE Vernova	Non-Member
X	Hoehn	Hans	ATC	Non-Member
X	Jarnigan	Chris	Southern Company Services	Voting Member
X	Keels	Andy	kEElectric Engineering	Voting Member
X	Krause	Dwight	Black & Veatch	Voting Member
X	Luong	Syndi	PG&E	Non-Member
X	Ma	Chunming	Burns & McDonnell	Voting Member
X	Marshall	Vincent	Southern Company	Voting Member
X	Marzec	Pete	S&C Electric Co.	Voting Member
X	McCord	Neil	KEC Precision LLC	Chair
X	Meekins	Gary	Southern States	Non-Voting Member
X	Mitchell	David	Southern States	Voting Member
X	Ordein	Fernando	Dominion Energy	Voting Member
X	Peterson	Mark	Xcel Energy	Voting Member
X	Polchinski	Craig	MEPPI	Non-Voting Member
X	Rebovich	Justin	GE Grid Solutions	Non-Member
X	Roberts	Brian	Southern States	Voting Member
X	Rowe	Ryan	TCI Sales/Southern States	Non-Member
X	Savulyak	Victor	KEMA	Voting Member
X	Sax	Benjamin	Nashville Electric Services	Voting Member
X	Schiffbauer	Dan	Toshiba International	Voting Member

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Initial to denote attendance	Last name	First name	Company name	Role
X	Schuetz	Carl	Sub. Pwr. Eqp. Cors.	Voting Member
X	Scott	Jeff	Ameren	Non-Voting Member
X	Shetty	Sanket	Oncor	Voting Member
X	Sizemore	Josh	WIKa	Non-Member
X	Skidmore	Mike	AEP	Voting Member
X	Smith	Kirk	Retired	Voting Member
X	Staiger	Daniel	WIKa	Non-Member
X	Steigerwalt	Don	Duke Energy	Voting Member
X	Tarleton	John	Southern States	Voting Member
X	Terry	Timothy	Meiden	Non-Member
X	Toups	Vernon	Siemens Energy	Voting Member
X	Vittoz	Marc	GE Vernova	Non-Member
X	Webb	John	ABB	Non-Voting Member
X	Weeks	Casey	Siemens Energy	Voting Member
X	Weisker	Jan	Siemens Energy	Voting Member
X	Williams	Grey	Southern Company	Non-Member
X	Zellhoefer	Adam	BPA	Non-Member
X	Zhong	Jim	ATC	Non-Member