

PC37.17 WG Minutes
IEEE STANDARD FOR TRIP SYSTEMS FOR LOW-VOLTAGE (1000 V AND BELOW) AC
AND GENERAL PURPOSE (1500 V AND BELOW) DC POWER CIRCUIT BREAKERS
JEFF MIZENER, CHAIRMAN
CLINT CARNE, VICE-CHAIRMAN

Meeting Date: 17 March 2025
Meeting Time: 8:30AM-10:00AM, MDT
Location: Online

A. Call to order

The meeting was called to order at 8:35AM MDT by the Working Group Chair, Jeff Mizener.

B. Roll call and Disclosure of Affiliation

Attendees present stated their name and affiliation. There were 22 attendees. Quorum was established with 16 of 27 voting members present. A list of attendees (name, affiliation, and voting status) is attached.

C. Approval of agenda

Motion to approve the meeting agenda. (Mover: Lafond; Second: Rakus) The agenda was approved by unanimous consent.

D. IEEE SA Copyright Policy/IEEE Participant Behavior

The IEEE SA Copyright Policy slides and the Participant Behavior slides were distributed to participants prior to the meeting. Participants were asked if anyone had not seen the slides and no one responded. Link to slides below.

[IEEE Copyright Slideset](#)

E. IEEE SA Patent Policy: Call for Patents

The call for patents was issued. Link to slides below.

[IEEE Patent Policy Slideset](#)

No essential patent claims were identified.

F. Approval of Fall 2024 meeting minutes

Motion to approve the minutes from Fall 2024 working group meeting. (Mover: LaFond, Second: Rakus) The Fall 2024 meeting minutes were approved by unanimous consent.

[F24 LVSD WG C37.17 Minutes R01.pdf](#)

G. Working group P&Ps

All in attendance are referred to the Switchgear Committee P&P link in the case of procedural questions.

[IEEE Working Group P&P Slideset](#)

H. Document status report

- The PAR revision was submitted and approved.
- The PAR expiration date of 31 December 2027 is unchanged.

I. New business

- A draft implementing changes discussed at the last meeting was circulated along with a list of those discussion points that resulted in strawman changes or rejected.
- That draft was the basis of this meeting.
- The strawman definitions of direct-acting and indirect-acting were discussed and modified to the next draft.
- It was noted that the phrase "protective function(s)" is used multiple times in the document but is never defined. A strawman definition was added. That definition

PC37.17 WG Minutes
IEEE STANDARD FOR TRIP SYSTEMS FOR LOW-VOLTAGE (1000 V AND BELOW) AC
AND GENERAL PURPOSE (1500 V AND BELOW) DC POWER CIRCUIT BREAKERS
JEFF MIZENER, CHAIRMAN
CLINT CARNE, VICE-CHAIRMAN

includes the explicit codification of L, S, I & G as protective functions. There was discussion of calling those functions "core" but no conclusion was reached.

- The strawman proposal describing the differences between direct- and indirect-acting was discussed and modified.
- The term "control circuits" (as in "external or supplemental power or control circuits") was discussed at length. There were arguments made for removing it and keeping it. Here was no consensus so it was not removed.
- The subject of an internal battery being considered control power was discussed and a strawman paragraph was added.
- Monitoring of external or supplemental control power source monitoring was discussed. Should any mention of this include the control voltage tolerances in C37.13? There was no conclusion.

J. Old business

- The Synopsis of Points addressed since the last meeting document is attached to these minutes for reference.

K. Conclusion & Future Working Group Meetings

- Another draft will be circulated to the WG in order to have a formal comment resolution.
- The next planned in-person meeting: Spring 2025 – April 6-11, Wyndham Grand Orlando Resort Bonnet Creek, Orlando, FL

L. Adjourn

Meeting adjourned at 10:01PM MDT

Meeting minutes recorded by Jeff Mizener

PC37.17 WG Minutes
IEEE STANDARD FOR TRIP SYSTEMS FOR LOW-VOLTAGE (1000 V AND BELOW) AC
AND GENERAL PURPOSE (1500 V AND BELOW) DC POWER CIRCUIT BREAKERS
JEFF MIZENER, CHAIRMAN
CLINT CARNE, VICE-CHAIRMAN

Attendees List:

Last name	First name	Affiliation	Voting Status
Burns	Robert	Eaton	Voting Member
Burse	Ted	Powell Industries	Voting Member
Delfino	Dan	ABB	Voting Member
Doroz	Erik	Eaton	Voting Member
Edwards	Doug	Siemens Industry, Inc.	Voting Member
Grahor	Lou	Eaton	Voting Member
Hardy	Erin	Eaton	Voting Member
Hawkins	Tom	Siemens Industry, Inc.	Non-Voting Member
Hrncir	Dan	Eaton	Voting Member
Hunt	Terry	Westinghouse Electric	Non-Voting Member
Lafond	Mike	National Breaker Services	Voting Member
Marshall	Vincent	Southern Company	Voting Member
Mizener	Jeff	Siemens Industry, Inc.	Voting Member
Olivares	Roberto	Siemens Industry, Inc.	Non-Voting Member
Rakus	Paul	Eaton	Voting Member
Rowell	Amy	Schneider	Non-Voting Member
Schuetz	Rob	Eaton	Non-Voting Member
Sell	Jason	Switchgear Power Systems	Non-Voting Member
Sippel	Kevin	Eaton	Voting Member
Sullivan	Paul	DuPont	Voting Member
Tatum	Bryan	UL Solutions	Voting Member
Zia	Danish	UL Solutions	Voting Member

Remember: Contact the Chair & Secretary to request Voting Member status.