

**Low Voltage Switchgear Devices Committee**  
MINUTES OF THE FALL 2023 MEETING  
Catamaran Resort, San Diego, CA  
Thursday, October 12, 2023, 10:15 AM

**1. Call to order**

Meeting was called to order by Chair, Jeff Mizener, at 10:18AM on Thursday October 12, 2023.

**2. Introduction of attendees**

Participants introduced as recorded below. There were 14 of 21 members in attendance plus 7 guests. Quorum was met.

**3. Approval of Agenda**

The agenda was reviewed by WG motion to accept by Mike Lafond(1<sup>st</sup>) and Kevin-Sippel (2<sup>nd</sup>), motion was approved by unanimous consent.

**4. Approval of the minutes from the previous meeting**

The minutes from the last meeting were shared. Motion to approve by Mike Lafond (1<sup>st</sup>) and by Paul Rakus (2<sup>nd</sup>). The minutes were approved by acclamation.

**5. Working Group/Task Force/Study Group Status Reports**

**a) C37.13: IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures** **K. Flowers**

Working Group Met on Monday 10/9, 15 of 18 members present and a total of 34 attendees. All issues were resolved except the work by the Ad Hoc on Thermal Testing continues. The working group voted to proceed to ballot after the work of the Ad Hoc on thermal testing is completed, which should be completed by the end of the year. A motion was made to proceed to ballot, the motion carried by unanimous consent.

**b) C37.13.1 Definite-Purpose Switching Devices for Use in Metal Enclosed Low-Voltage (600V AC and Below) Power Circuit Breaker Switchgear** **D. Zia**

Working Group Met on Tuesday 10/10 3 of 5 members attended. Went through draft 2 made clarifications and aligned interlocking with IEEE C37.20.1. The draft will be updated by chair and will be distributed before spring meeting.

**c) C37.17 IEEE Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers** **J. Mizener**

The first meeting of the working group was on Monday 10/9, there were 28 attendees. A draft proposal for an Annex covering Field Applied Software Updates was reviewed. A discussion was held around what are the “core protections” that

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would be applicable to Field Applied Software Updates. The draft text of the proposed Annex covering Field Applied Software Updates will be circulated for comment.

**d) C37.14 IEEE Standard for DC (3200V and below) Power Circuit Breakers Used in Enclosures** **L. Grahor**

Working group met on Tuesday 10/10, 17 people were in attendance, 10 of 16 members were present, Quorum was met. Key items: An Ad Hoc group led by Clint Carne made a recommendation for adding details to the test procedure for finding the maximum arcing time for the load (low) current switching tests. Newly revised text will be incorporated into the next draft. An Ad Hoc group led by D. Moser made a recommendation for revising ratings and test circuit parameters for 1000-volt general purpose circuit breakers (Tables B.1 and B.2) and the changes will be incorporated in the next draft. The working group also agreed to point to IEEE C37.13 insulating material requirements.

**e) C37.27 IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses** **M. Valdes**

Working group met Monday 10/9, online meetings held over the summer. Document is stable and is ready for ballot. Request to LVSD to proceed to ballot. Motion to proceed to ballot carried by unanimous consent.

## **6. Old Business**

None

## **7. New Business**

- a) LVSD New Members: No updates
- b) Procedure for Meeting Rooms – WG Chairs, advise LVSD Subcommittee Chair concerning WG meeting room requirements (preferred schedule, number of participants, and A/V needs). Provide details no later than October 31, 2023
- c) ADSCOM/Main Committee Meeting Items – None
- d) Working Group Minutes – Working group chairs should have their minutes emailed to Lou Grahor preferably by October 31, 2023, for publishing on the website. Email address: [LouisFGrahor@eaton.com](mailto:LouisFGrahor@eaton.com)

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**8. Upcoming meetings**

- Spring 2024: Ft. Lauderdale, FL
- Fall 2024: Oklahoma City, OK
- Spring 2025: Orlando, FL
- Fall 2025: Reno, NV

**9. Adjourn**

*Meeting adjourned at 10:30 AM.*

Reported by: Lou Grahor – LVSD Vice Chair

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Attendance record:

<b>First Name</b>	<b>Last Name</b>	<b>Company</b>	<b>Role</b>	
Joe	Andreyo	Southern States	Guest	✓
Randy	Blake	Schneider Electric	Guest	✓
Robert	Burns	Eaton	Guest	✓
Clint	Carne	Schneider Electric	Guest	✓
Daniel	Delfino	ABB	Member	✓
Erik	Doroz	Eaton	Member	✓
Doug	Edwards	Siemens Industry, Inc.	Member	✓
Keith	Flowers	Siemens Industry, Inc.	Member	✓
Lou	Grahor	Eaton Corporation	V. Chair	✓
Erin	Hardy	Eaton	Guest	✓
Tom	Hawkins	Siemens Industry, Inc.	Member	✓
Dan	Hrncir	Eaton	Member	✓
Terry	Hunt	Westinghouse	Guest	✓
Mike	Lafond	UL LLC	Member	✓
Jeff	Mizener	Siemens Industry, Inc.	Chair	✓
Darryl	Moser	ABB	Member	✓
Owen	Parks	ABB	Member	✓
Paul	Rakus	Eaton	Member	✓
Amy	Rowell	Schneider Electric	Guest	✓
Kevin	Sippel	Eaton	Member	✓
Bryan	Tatum	UL LLC	Guest	✓
Christo	Thomas	Schneider Electric	Member	✓
Danish	Zia	UL LLC	Member	✓