

Minutes
LVSD Subcommittee On-Line Meeting
October 14, 2021
3:45pm – 5:30 pm CDT

The meeting was called to order at 3:45 Central.

1. Approval of Meeting Agenda

The agenda was approved as amended by acclamation

2. Introduction of members and guests

There were 23 members and 6 guests. Quorum was achieved.

3. Approve Past Meeting Minutes

Mizener motion, Valdez second.

The minutes were approved by acclamation with no amendments

4. Working / Task Force Group Status Reports / Document Status Updates

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

The minutes for the meeting will be published on-line.

K. Flowers

- b.** 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

The WG met on Monday at 10:20 & Wednesday 8:00, there were 13 of 22 members and 10 guests for session 1, 13 of 22 members and 8 guests for session 2 – quorum was met. Draft 5 had been previously circulated and discussed with a task force meeting to discuss software updates. Between that TF meeting and this week, the chair was informed that ANSI accreditation would be expiring “soon” (at some currently unknown time in the near future). The chair decided to remove all of the text on software updates and proceed as quickly as possible to ballot to avoid loss of ANSI accreditation. A number of textual changes were made prior to and during the meetings in order to modernize the language and move disused definitions to an appendix for historical reference. Those changes have tentative WG approval and Draft 6 will be circulated shortly. Acceptance of that draft by 2/3 of the WG by Thanksgiving will move us to ballot. The ballot pool was formed today (10/14).

J. Mizener

The minutes of the meeting will be published on-line.

- c.** C37.14: IEEE Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures

PAR draft complete. Discussions started on aspects of the standard that need revision. Included were issues such as solid-state construction, time constants

LVSD approved submission of the PAR.

The minutes of the meeting will be published on-line.

L. Grahor

- d.** PAR Study Group C37.27 IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

Met on Tuesday, Mike Lafond acted as secretary, Keith Flowers to assume that role moving forward. The assumption going into this revision was that it was a mature standard and that very few revisions would be necessary. However “More Modern” circuit breakers have

M. Valdes

Minutes
LVSD Subcommittee On-Line Meeting
October 14, 2021
3:45pm – 5:30 pm CDT

different characteristics, some of which are more like molded-case and insulated-case breakers and additional study will be required to make sure the standard is applicable to breakers which may require self-protection due to their withstand rating. Those may exhibit dynamic impedance caused by unintended intermittent arcing caused by electromechanical forces within circuit breakers where the short-circuit withstand rating is lower than the short-circuit interrupting rating. A PAR has been written, document title, scope, and purpose are unchanged from the current document. The PAR was shown to the group and discussed. It was approved without changes by unanimous consent. The minutes of the meeting will be published on-line.

- 5. Old Business** *D. Hrncir*
- a.** None.
- 6. New Business** *D. Hrncir*
- a.** External Project Approval Group (EPAG) Overview *K. Flowers*
- b.** Standardization of terms *D. Hrncir*
 There are some terms whose definition is occasionally in question or unclear.
- c.** LVSD New Members: *D. Hrncir*
 .
- d.** Procedure for Meeting Rooms *D. Hrncir*
 WG Chairs, advise LVSD Subcommittee Chair concerning WG meeting room requirements (preferred schedule, number of participants, and A/V needs). WG Chairs are requested to minimize your meeting session count in order to minimize the chance of meeting overlap. Provide details no later than November 21, 2021.
- e.** ADSCOM/Main Committee Items – Reviewed what is to be presented *D. Hrncir*
 Update MC/ADSCOM on status of standards, PARs
- f.** Working Group Minutes – Working group chairs should have their minutes emailed to Donnie Swing preferably by November 21, 2021, for publishing on the website. Email address: D.Swing@ieee.org *D. Hrncir*
- g.** Upcoming Meetings: *D. Hrncir*
- Spring 2022: Hilton Bonnet Creek, Orlando, FL
 - Fall 2022: Hilton Lake Champlain, Burlington, VT
 - Spring 2023: PGA Resort (?), Palm Beach, FL
 - Fall 2023: Catamaran Resort, San Diego, CA (October 8-12)
- 7. Adjourn** *D. Hrncir*
 The meeting was adjourned at 4:34 CDT

Minutes
LVSD Subcommittee On-Line Meeting
October 14, 2021
3:45pm – 5:30 pm CDT

Attendance

<u>Role</u>	<u>Name (last, First)</u>	<u>Company</u>
Chair	Hrncir, Dan	Eaton
Member	Flowers, Keith	Siemens Industry, Inc.
Secretary	Mizener, Jeff	Siemens Industry, Inc.
Member	Burse, Ted	Powell Industries, Inc
Member	Barnhart, Paul	UL
Member	Schneider, Carl	Schneider Electric
Guest	Thomas, Christo	Schneider Electric
Member	Carne, Clint	Schneider Electric
Member	Delfino, Daniel	ABB
Member	Moser, Darryl	ABB
Member	Gohil, Dave	AZZ Switchgear Systems
Guest	Tiwari, Dharendra	ABB
Guest	Doroz, Arkadiusz	Eaton
Member	Edwards, Doug	Siemens Industry, Inc.
Member	Flack, Mike	Southern Company
Member	Grahor, Lou	Eaton Corporation
Member	Wiese, Greg	Schneider Electric
Member	Hartzel, Ronald	Eaton
Member	Hawkins, Tom	Siemens Industry, Inc.
Member	Lagree, James	Eaton
Member	Valdes, Marcelo	ABB
Member	Lafond, Michael	ABB
Guest	Parks, Owen	ABB
Member	Rakus, Paul	Eaton
Member	Sigmon, Dean	Eaton
Member	Sullivan, Paul	DuPont
Guest	Weishuhn, William	ABB
Guest	Zia, Danish	UL
Member	Rohr, Richard	Powell Electrical Systems