

**LVSD Subcommittee  
Meeting Minutes  
San Antonio, TX, USA  
September 18, 2013**

**Attendance:**

**Members:**

P. Barnhart  
D. Dunne  
D. Edwards  
M. Flack  
K. Flowers  
S. Gohil  
L. Grahor  
D. Hrncir  
A. Jivanani  
H. Josten  
M. LaFond  
D. Mazumdar  
J. Mizener  
A. Morse  
D. Moser  
T. Olsen  
D. Sigmon  
P. Sullivan

**Affiliation:**

Underwriters Laboratories  
Schneider Electric  
Siemens Industry, Inc.  
Southern Company  
Siemens Industry, Inc.  
AZZ / Central Electric Manufacturing Co.  
Eaton Corporation  
Eaton Corporation  
General Electric  
Siemens Energy & Automation  
General Electric  
AZZ / Central Electric Manufacturing Co.  
Siemens Industry, Inc.  
Eaton Corporation  
ABB  
Siemens Industry, Inc.  
Eaton Corporation  
DuPont

**Honorary Members:**

None

**Affiliation:**

**Guests:**

S. Benson  
A. Gibbs  
T. Hawkins  
J. Kaminski  
O. Parks  
M. Parvin  
S. Reddy  
A. Rowell  
C. Schneider  
M. Seabrook  
J. Shullaw  
R. Tanner

**Affiliation:**

Volta  
Schneider Electric  
Siemens Industry, Inc.  
Siemens Industry, Inc.  
ABB  
CB&I  
Powell Industries  
Eaton Corporation  
Schneider Electric  
GE Industrial Solutions  
GE Energy – Industrial Solutions  
Schneider Electric

**Excused Absence:**

**Affiliation:**

**Absent:**

**Affiliation:**

**1. Approval of meeting agenda**

Ted Olsen moved and Doug Edwards seconded to approve the agenda as presented. Agenda was approved unanimously.

**2. Welcome and member attendance**

The meeting was called to order by Keith Flowers at 3:45 PM. Keith welcomed the members and guests. 18 LVSD members and 12 guests were present. Quorum threshold was met.

**LVSD Subcommittee  
Meeting Minutes  
San Antonio, TX, USA  
September 18, 2013**

**3. Introduction of members and guests**

Introductions were made by each LVSD member and guest.

**4. Approval of the minutes of the Spring 2013 LVSD meeting**

The minutes of the May 1, 2013 meeting held in Galveston, TX were previously emailed to LVSD personnel. Harry Josten moved and Mike Lafond seconded to approve the minutes without revision. Minutes were approved unanimously.

<http://www.ewh.ieee.org/soc/pes/switchgear/S13Minutes/S13LVSDmi.pdf>

**5. Update LVSD Roster and LVSD Document Status**

An updated LVSD Roster was submitted for review and updating. The updated roster will be posted on the IEEE website.

<http://www.ewh.ieee.org/soc/pes/switchgear/F13Minutes/F13LVSDa1.pdf>

An updated LVSD Document Status and Working Group/Task Force membership list was circulated to LVSD Working Group and Task Force members for updating. The updated document status will be posted on the IEEE website.

<http://www.ewh.ieee.org/soc/pes/switchgear/F13Minutes/F13LVSDa2.pdf>

**6. Working Group / Task Force Status Reports**

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

Doug Edwards reported that the working group met on Monday afternoon with 16 members and 12 guests present. Consolidated comments were reviewed and discussed. A report was received from the Instantaneous task force and its comments were incorporated. Remote tripping was discussed but specific sections were not added. There was further discussion of the requirements for frequency ratings of 50Hz, 60Hz, and 50/60Hz. A definition for commit time was discussed and further comments and discussion are anticipated. The document will be updated to the latest IEEE template, definitions will be added from C37.100, and it will be circulated to the working group for comments prior to the Spring meeting.

<http://www.ewh.ieee.org/soc/pes/switchgear/F13Minutes/F13LVSDa3.pdf>

**b. C37.14: Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures**

Keith Flowers reported that the working group met on Monday morning with 15 members and 7 guests present. The topic of production monitoring and retest requirements was discussed, and the decision of the working group was to move this clause to an informative annex and circulate for additional comments. A task force was created to review the Annex B tables for traction power. Draft 8, the Draft 7 consolidated comment list, and a blank comment form will be circulated to the Working Group, and all parties who have expressed interest.

<http://www.ewh.ieee.org/soc/pes/switchgear/F13Minutes/F13LVSDa4.pdf>

**LVSD Subcommittee  
Meeting Minutes  
San Antonio, TX, USA  
September 18, 2013**

**7. Old Business**

**a. Task Force on Recommended Practice for Testing and Inspecting Low-Voltage Power Circuit Breakers**

Jeff Mizener reported that the task force met Wednesday morning with six manufacturers and no users present. The chair presented a draft of what should be included in test report along with a list of tests that are commonly performed. This outline will be distributed to all task force members and other service organizations for comments and feedback prior to the Spring meeting.

**b. IEEE-SA Patent Policy**

The IEEE-SA patent policy is now reviewed and acknowledged during online meeting registration therefore slides are no longer required to be reviewed during every Working Group meeting. The patents materials are available at <http://standards.ieee.org/board/pat/pat-slideset.pdf>.

No claims or issues were raised at any of the LVSD Subcommittee Working Group meetings.

**8. New Business**

**a. IEEE C37.100 Definitions**

Discussion of the direction for C37.100 definitions will occur at ADSCOM; Ted Olsen is attempting to distribute definitions to appropriate subcommittees for inclusion in individual standards. Further direction will be received from ADSCOM.

**b. Formation of Working Group for the revision of C37.13.1**

The chair will appoint a working group chair for the revision of C37.13.1 prior to the Spring meeting.

**c. Formation of Working Group for the revision of C37.26**

Ted Olsen volunteered to chair the working group for revision of C37.26 and chairman Flowers accepted Ted's offer and appointed him..

**d. Officer Rotation**

Chairman Flowers announced that Allan Morse will rotate into the office of chair and David Dunne will become secretary of the subcommittee at the end of 2013.

**e. Procedure for Meeting Rooms**

The procedure for Working Group and Task Force meeting room requests was reviewed.

**f. Main Committee Meeting Items**

Rotation of Officers was identified as an item for presentation to the Main Committee.

**LVSD Subcommittee  
Meeting Minutes  
San Antonio, TX, USA  
September 18, 2013**

**g. Working Group and Task Force Minutes**

All Working Group and Task Force meeting minutes were submitted to Allan Morse.

**h. Upcoming Meetings**

Spring 2014	May 4 – 8, 2014	Disney Contemporary Hotel, Orlando, FL
Fall 2014	September 21 – 25, 2014	Renaissance, Asheville, NC
Spring 2015	April 26 – 30, 2015	Tradewinds Resort, St. Pete Beach, FL
Fall 2015	September 20 – 24, 2015	San Diego, CA

**9. Adjourn**

A motion was made by Doug Edwards and seconded by Dave Dunne to adjourn the meeting. The motion was approved. The meeting was adjourned at 4:15 PM.

Minutes submitted by:

Allan Morse, LVSD Secretary  
September 18, 2013

**LVSD Subcommittee  
Meeting Minutes  
San Antonio, TX, USA  
September 18, 2013**

At the time of this meeting, the Low Voltage Switchgear Devices Subcommittee was comprised of the following members and honorary members:

**Members:**

P. Barnhart  
D. Dunne  
D. Edwards  
M. Flack  
K. Flowers  
S. Gohil  
L. Grahor  
D. Hrncir  
A. Jivanani  
H. Josten  
M. LaFond  
D. Mazumdar  
J. Mizener  
A. Morse  
D. Moser  
T. Olsen  
D. Sigmon  
P. Sullivan

**Affiliation:**

Underwriters Laboratories  
Schneider Electric  
Siemens Industry, Inc.  
Southern Company  
Siemens Industry, Inc.  
AZZ / Central Electric Manufacturing Co.  
Eaton Corporation  
Eaton Corporation  
General Electric  
Siemens Energy & Automation  
General Electric  
AZZ / Central Electric Manufacturing Co.  
Siemens Industry, Inc.  
Eaton Corporation  
ABB  
Siemens Industry, Inc.  
Eaton Corporation  
DuPont

**Honorary Members:**

H. L. Hess  
J. M. Jerabek  
N. P. McQuin  
P. J. Notarian  
G. R. Nourse  
R. J. Puckett

**Affiliation:**

Consultant  
Sargent & Lundy LLC  
McQuin Electrical Power Consulting, Inc.  
Underwriters Laboratories  
George Nourse Electrical Engineering Service  
Consultant