

**LVSD Subcommittee
Meeting Minutes
Asheville, NC, USA
September 24, 2014**

Attendance:

Members:

P. Barnhart
D. Dunne
D. Edwards
M. Flack
K. Flowers
S. Gohil
D. Hrncir
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
Siemens Energy & Automation
General Electric
AZZ / Central Electric Manufacturing Co.
Siemens Industry, Inc.
Eaton Corporation
ABB
Siemens Industry, Inc.
Eaton Corporation
DuPont

Honorary Members:

N. McQuin

Affiliation:

McQuin Electrical Power Consulting, Inc.

Guests:

C. Carne
D. Delfino
T. Hawkins
J. McCelland
C. Schneider
J. Shullaw
R. Tanner
T. Burse
R. Martinez

Affiliation:

Schneider Electric
General Electric
Siemens Industry, Inc.
Technibus
Schneider Electric
GE Energy Management – Industrial Solutions
Schneider Electric
Powell Industries
Lapem - CFE

Excused Absence:

L. Grahor
A. Jivanani

Affiliation:

Eaton Corporation
General Electric

Absent:

Affiliation:

1. Approval of meeting agenda

Dean Sigmon moved and Carl Schneider seconded to approve the agenda as presented. Agenda was approved unanimously.

2. Welcome and member attendance

The meeting was called to order by Allan Morse at 3:45 PM. Allan welcomed the members and guests. 17 LVSD members and 9 guests were present. Quorum threshold was met.

3. Introduction of members and guests

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Introductions were made by each LVSD member and guest.

4. Approval of the minutes of the Spring 2014 LVSD meeting

The minutes of the May 07, 2014 meeting held in Orlando, FL were previously emailed to LVSD personnel. Paul Barnhart moved to approve the minutes as revised and Doug Edwards second the motion. Minutes were approved unanimously.

<http://www.ewh.ieee.org/soc/pes/switchgear/S14Minutes/S14LVSDmi.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/F14Minutes/F14LVSDa1.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/F14Minutes/F14LVSDa2.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 11 members and 8 guests present. The anti-pump and trip free definitions were reviewed. Table 5 reviewed for manual release and associated color coding, decision to match C37.04 with reference to IEC 60947-2.

Locking provisions brought back in. Application guide moved to annex. Ballot planned for end of November, have previous approval for ballot.

<http://www.ewh.ieee.org/soc/pes/switchgear/F14Minutes/F14LVSDa3.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 September 22 with 14 members and 7 guests present. The following topics were reviewed; Production test requirements and annex C tables. The initiation of the recirculation ballot will occur.

<http://www.ewh.ieee.org/soc/pes/switchgear/F14Minutes/F14LVSDa4.pdf>

c. C37.26: IEEE Standard Guide for Methods of Power-Factor Measurement for Low-Voltage Inductive Test Circuits

Ted Olsen is the chairman. Ballot approved August 20, 2014. Scheduled publishing is October 4, 2014.

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d. C37.27: Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

Keith Flowers is chairman of this working group. Reviewed scope and purpose.

<http://www.ewh.ieee.org/soc/pes/switchgear/F14Minutes/F14LVSDa6.pdf>

e. C37.13.1: Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear

Dan Hrcir is chairman of this working group. Dan Hrcir moved and Darryl Moser seconded a motion to have a PAR. Motion was approved.

<http://www.ewh.ieee.org/soc/pes/switchgear/F14Minutes/F14LVSDa5.pdf>

f. C37.20.10: Definitions for AC (52kV and below) and DC (3.2kV and Below) Switchgear Assemblies

Keith Flowers is chairman of this working group. Twenty-three Task Force members were present, with three guests also in attendance. The scope and purpose were reviewed. Sponsorship of C37.20.10 will be transferred to the Switchgear Assemblies subcommittee however the work will be completed jointly by LVSD and SA.

<http://www.ewh.ieee.org/soc/pes/switchgear/F14Minutes/F14LVSDa7.pdf>

7. Old Business

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

Did not meet

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. Four individuals were presented for membership into LVSD;
Amy Rowell**

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Carl Schneider
Clint Carne
Tom Hawkins

Their membership was approved.

b. Main Committee Meeting Items

Item to present to the main committee;

- Present C37.20.10 as the LVSD and SA common document for definitions.

c. Working Group and Task Force Minutes

All Working Group and Task Force meeting minutes were submitted to David Dunne.

d. Upcoming Meetings

Spring 2015	April 26 – 30, 2015	Tradewinds Resort, St. Pete Beach, FL
Fall 2015	September 20 – 24, 2015	San Diego, CA
Spring 2016	April 25 – 29, 2016	Sonesta Resort, Hilton Head, SC

9. Adjourn

The meeting was adjourned at 4:45 PM.

Minutes submitted by:

David Dunne, LVSD Secretary
October 10, 2014

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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
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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