

Meeting Minutes

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**A. Call-to-Order and Agenda**

The Spring 2015 face-to-face Working Group Meeting was held on April 27, 2015 at the Tradewinds Resort, in conjunction with the IEEE PES Switchgear Committee Meetings. The Working Group meeting was called to order at 3:48 PM by the WG Chair, Keith Flowers.

The meeting agenda was reviewed and approved by consent of the Working Group.

**B. Attendance**

Introductions were made by all attendees.

Eighteen Working Group members and twenty-nine guests were in attendance.

Role	First Name	Last Name	Company
Guest	Andres	Aviles	CE Power Solutions
Member	Paul	Barnhart	Underwriters Laboratories
Guest	Jean-Marc	Biasse	Schneider Electric
Guest	Eldridge	Byron	Schneider Electric
Member	Clint	Carne	Schneider Electric
Guest	Stephen	Cary	GE Energy Management
Guest	David	Dart	NOJAPower
Guest	Edgar	Dullni	ABB
Member	David	Dunne	Schneider Electric
Member	Doug	Edwards	Siemens Industry, Inc.
Member	Michael	Flack	Southern Company Generation
Chair	Keith	Flowers	Siemens Industry, Inc.
Guest	Paul	Gingrich	AZZ / Central Electric
Guest	Peter	Glaesman	Reuel, Inc.
Guest	Sahadev	Gohil	AZZ/Central Electric Mfg. Co.
Guest	Tom	Hawkins	Siemens Industry, Inc.
Member	Dan	Hrncir	Eaton
Member	David	Jackson	ABB
Guest	Jose	Jarque	AZZ Switchgear Systems
Guest	Anurag	Jivanani	General Electric
Member	Harry	Josten	Siemens Energy & Automation
Guest	Arthur	Jur	Eaton Corporation
Member	Michael	Lafond	General Electric
Guest	Albert	Livshitz	CE Power Solutions
Guest	Frank	Mayle	Technibus, Inc.
Guest	Deepak	Mazumdar	Central Electric Manufacturing Co.
Guest	John	McClelland	Technibus
Member	Jeffery	Mizener	Siemens Industry
Member	Charles	Morse	Morse Ventures, Inc.
Vice-Chair	Darryl	Moser	ABB
Member	Ted	Olsen	Siemens Industry, Inc.

C37.20.10 Document Creation Working Group  
Definitions for AC (52kV and below) and DC (3.2kV and Below) Switchgear Assemblies

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Guest	Miklos	Orosz	Schneider Electric
Guest	Owen	Parks	ABB
Guest	Amit	Patel	GE
Guest	Julian	Rizo	Xcel Energy
Guest	Richard	Rohr	Powell Electrical Systems
Guest	Tim	Rohrer	Exiscan
Member	Amy	Rowell	Eaton
Guest	Carl	Schneider	Schneider Electric
Guest	Devki	Sharma	Consultant
Guest	John	Shullaw	GE Energy Management
Member	Dean	Sigmon	Eaton Corporation
Guest	Erin	Spiewak	IEEE -SA
Guest	Donald	Swing	Powell Industries
Member	Richard	Tanner	Schneider Electric
Guest	Matthew	Williford	Schneider Electric

**C. Rules and guidelines for conducting Working Group meetings**

The IEEE Patent Policy and Business Conduct slides were reviewed by the attendees prior to registration to the meeting. No patent declarations were made known. The IEEE patent policy may be reviewed at the following web site:

<http://standards.ieee.org/board/pat/pat-slideset.pdf>

**D. Working Group P&Ps**

The Switchgear Committee Working Group P&P's were previously distributed to all participants via email. They are also posted on the Switchgear Committee website at the following website:

<http://www.ewh.ieee.org/soc/pes/switchgear/o&p/Procedures.html>

**E. Previous Meeting Minutes**

The previous meeting minutes are posted to the Switchgear Committee website at the following address:

<http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2014-2/F14LVSDa7.pdf>

**F. Document Status**

A PAR was approved on February 16, 2015 that is valid until December 31, 2019. Ballot 1 is complete and we are working to resolve the ballot comments.

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### G. Technical Discussion Highlights

The following is a high-level summary of the technical discussions from this meeting.

#### i. Voltage Class

A discussion took place as to what is the definition of medium voltage and how it is referenced in other standards documents including C84.1 and the IEC standard. In the definition of medium voltage we elevated the voltage rating from 38kV to 52kV for medium voltage systems as represents standards covered by the sponsor. We left the definition of medium voltage circuit breaker the same because we have no medium voltage circuit breaker rated above 38kV.

A resolution was made to add the word “nominal” to the definition for low voltage, i.e., 1000Vac nominal and below.

#### ii. Other Definitions

We discussed a number of ballot comments taking action according to the consent of the Working Group as well as discussing some additional rogue ballot comments. The compiled strawmen comment resolutions will be distributed to the Working Group members for review by target date of June 12<sup>th</sup>.

### H. Adjournment

The meeting was adjourned at 5:30 PM.

### I. Upcoming Meetings

The next meeting face-to-face Working Group meetings will be held in conjunction with the IEEE PES Switchgear Committee meetings tentatively planned for:

September 20 – 24, 2015: Catamaran Resort Hotel, San Diego, CA

IEEE PES Switchgear Committee meeting announcements and registration can be found at the following link:

[http://www.ewh.ieee.org/soc/pes/switchgear/next\\_meeting/Next\\_Meeting.html](http://www.ewh.ieee.org/soc/pes/switchgear/next_meeting/Next_Meeting.html)

Minutes submitted by:  
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C37.20.10 Task Force Vice-Chair  
April 27, 2015