

**C37.14 Working Group Minutes**  
Catamaran Resort – San Diego, CA  
Tuesday, October 10, 2023, 10:15 AM - 12:00 PM

Attendance:

17 people were in attendance  
10 of 16 members were present, thus Quorum was met.

Attendance recorded below

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A. Call to order

*Meeting was called to order by WG Chair, Lou Grahor, at 10:15 AM on Tuesday, October 10, 2023.*

B. Introduction of attendees

*Complete*

C. Approval of Agenda

*Agenda was reviewed by WG, motion to accept by C. Carne (1<sup>st</sup>) and B. Gerzeny (2<sup>nd</sup>), motion was approved by unanimous consent*

D. Approval of Minutes

*Approval of Minutes from previous meeting, motion to approve by D. Delfino (1st) and J. Mizener (2nd), motion was approved by unanimous consent*

E. Verbal call for essential patents

*A link to the IEEE patent policy slides was distributed in the agenda and displayed during the meeting, no patent issues were voiced by the meeting attendees*

F. Working group P&Ps and Copyright Policy

*A link to the IEEE-SA WG Policies & Procedures and the IEEE copyright policy slides was distributed in the agenda, the slides were displayed online during the meeting*

G. Document Status

*Current document: C37.14-2015 due to expire 12-31-2025*

*C37.14 PAR approved 2-23-2022, expires 12-31-2026*

H. New Business

a) *Ad Hoc - Arcing current, Clause 10.11 Load (low) current switching tests*

*Report by C. Carne, the ad hoc provided suggested language to prescribe how to arrive at the peak arcing time and guidance of timing between tests. Newly revised text will be incorporated into the next draft to be circulated to the working group.*

b) *Ad hoc – 1000Vdc rating, Annex B Ratings Tables*

*Report by D. Moser, the ad hoc met to review and discuss a presentation about battery energy storage systems (BESS). Key takeaway is that batteries can supply up to 50 times their normal discharge current during a fault condition. The*

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*decision from the WG is to keep the test parameters data columns of Tables B.1 and B.2 but make corrections to the values, delete the 5,000A preferred short circuit rating from 1000 Vdc circuit breakers and add a 1500 Vdc rating with no preferred short circuit rating. New Tables B.1 and B.2 to be added to the next draft document.*

c) *Alignment of insulating material specifications with IEEE C37.13*

i) *Align the flammability rating of insulating materials to match what is already published in C37.13 by referencing or pointing to C37.13 flammability requirements. C. Carne drafted some proposed language to add to our next draft.*

I. Adjourn

*Meeting adjourned at 12:01 PM.*

Reported by: Darryl Moser – WG Secretary

Attendance record:

First Name	Last Name	Company	Role
Lou	Grahor	Eaton Corporation	Chair
Darryl	Moser	ABB	Secretary
Clint	Carne	Schneider Electric	Member
Daniel	Delfino	ABB	Member
Brian	Gerzeny	Powell Electrical Systems Inc	Member
Jeff	Mizener	Siemens Industry, Inc.	Member
Owen	Parks	ABB	Member
Victor	Savulyak	KEMA	Member
Christo	Thomas	SCHNEIDER ELECTRIC USA INC	Member
Danish	Zia	UL LLC	Member
Emmanuel	Ankrah	KEMA Labs	Guest
Randy	Blake	Schneider Electric	Guest
Shah	Farhang	Megger	Guest
Erin	Hardy	Eaton	Guest
Umer	Khan	ABB	Guest
Damian	Podgorski	Sargent & Lundy	Guest
Paul	Rakus	Eaton	Guest