

**IEEE Power Engineering Society  
Switchgear Committee  
Low Voltage Switchgear Devices Subcommittee**

**C37.13 and C37.27 Working Group Report  
October 14, 2008 – Calgary, Alberta, CA**

**Attendance**

- PC37.13 working group met for the Tuesday, October 14, 2008 afternoon session from 2:00 PM to 3:30 PM with 10 present (3 members and 7 guest).
- PC37.27 had no activities as this document previously completed balloting.

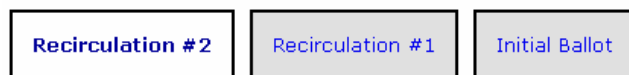
Note: Attendance is tracking using AMS system.

**Patent Slides**

Mistake made by WG Chair – Patent slides were not shown. By review of Chair, no patent issues arose during the discussion and all participants in the meeting had participated in previous meetings where the IEEE Patent Slides were shown and reviewed.

**C37.13 Recirculation Ballot #2 Results (Draft D23)**

**PC37.13** Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures



**Ballot Open Date:** 22-Sep-2008

**Ballot Close Date:** 07-Oct-2008

**RESPONSE RATE**

This ballot has met the 75% returned ballot requirement.

77 eligible people in this ballot group.

61 affirmative votes  
1 negative votes with comments  
0 negative votes without comments  
3 abstention votes

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65 votes received = 84% returned  
4% abstention

**APPROVAL RATE**

The 75% affirmation requirement is being met.

61 affirmative votes  
1 negative votes with comments

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62 votes = 98% affirmative

**Review of Recirculation Ballot #2 (Draft D23) Comments**

- WG updated the Resolution comment responses.
- Document is ready for submittal to IEEE with coordination of the update of D23 for editorial changes requested.

**Future Activities for C37.13**

- The WG does not see need for further action (or immediate revisions). WG should be disbanded upon successful publication.
- -30 C versus -5C Ambient - Discussed the resolution to go back to original text of -5C ambient temperature around the circuit breaker. For future revision, the issue of -30 C ambient outside the enclosure (as required by C37.20.1) but with the addition of heaters (or other means) is a consideration.
- Short-Circuit Multiplication Factors for various X/R ratios and for Short-Circuit Testing - The document is setup based on the 60 Hz Multiplication Factors and for ratings for Short-Circuit testing. A note was added, "The factors in Table 4 – Selection of Multiplier Factors are based on the power frequency of 60 Hz. For 50 Hz circuits, the values in Table 4 can be used, but are conservative."

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<b>Role</b>	<b>Participation Status</b>	<b>First Name</b>	<b>Last Name</b>	<b>Email</b>	<b>Company</b>	<b>10/14/2008</b>
Guest	Active	Jarrold	Coomer	jarroldcoomer@ieee.org	Eaton Corporation	X
Member	Active	Keith	Flowers	keith.flowers@ieee.org	Siemens Energy & Automation	X
Member	Active	T	Olsen	t.olsen@ieee.org	Siemens Power Transmission & Distribution, Inc.	
Guest	Active	Nancy	Gunderson	n.gunderson@ieee.org	Schneider Electric / Square D	X
Guest	Active	Harry	Josten	harry.josten@ieee.org	Siemens Energy & Automation	
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