

IEEE Power & Energy Society
Switchgear Committee
C37.20.2 Working Group Report
01-October-2012

The working group met on Monday, October 1, at 8:10AM.

The PAR for this project was approved by IEEE-SA 26-Sept-2008. A revision to the PAR is under consideration by the IEEE-SA Standards Board.

Attendees introduced themselves and gave their employer and affiliation. Attendance included 17 WG (of 25) members (3 absent, 5 excused by E-Mail or due to simultaneous meetings) and 20 guests. Attendance is as shown below:

Members / Affiliation	Members / Affiliation	Guests / Affiliation	Guests / Affiliation
P. Barnhart (P) - UL	T. Olsen (P) - Siemens	H. Bannink.(P) - KEMA	A. Livshitz (P) - Schneider
T. Burse (E) - Powell	M Orosz (P) - Schneider	J. Bowen (A) - Aramco	R. Martinez (P) – CFE LAPEM
E. Byron (P) - Schneider	A. Patel (P) - GE	R. Boyce (P) - Eaton	A. Morse (P) - Eaton
J. Earl (P) - ABB	I. Profir (A) - Rockwell	R. Bugaris (A) - Rockwell	E. Peters (P) - Powell
D. Edwards (P) - Siemens	R. Puckett (E) - retired	M. Cannady (P) – Southern Company Services	D. Riffe (P) - Westinghouse
L. Farr (E) - Eaton	C. Schneider (P) - Schneider	R Cohn (P) - Powercon	R. Sazonowicz (P) – United Illuminating Co.
D. Gohil (P) - AZZ	J. Smith (P) - Eaton	A. Crane (P) – Consumers Energy	G. Schoonerberg (P) - Eaton
R. Hartzel (E) - Eaton	H. Song (A) - Bechtel	D. Elliott (P) - ABB	E. Spiewak (P) – IEEE-SA
D. Lemmerman (P) - Exelon	P. Sullivan (P) - DuPont	P. Gingrich (P) - AZZ	R. Warren (P) - KEMA
F. Mayle (P) - Technibus	C. Tailor (E) - Eaton	J. Hanson (P) - Schneider	P. Williford (P) – Schneider
D. Mazumdar (P) - AZZ	J. Toney (A) - GE	S. Hutchinson (P) - Shallbetter	D. Zabel (P) - Trayer
D. Mohla (P) – Consultant (affiliation – Fluke)	M. Valdes (P) - GE		
	M. Wactor (P) – Powell		

Patents:

Those registered had to acknowledge the IEEE-SA rules on Patents, and therefore, review in this meeting is not required. Nevertheless, the Patents slides were reviewed. The participants were reminded that anti-competitive issues are never allowed for discussions.

The minutes from the Spring, 2012 meeting were approved as distributed.

Open discussion:

- Voltage dividers – annex D added for voltage dividers. WG agreed to inclusion in document, with several revisions. Agreed that the low voltage section must have no higher voltage than 254 Vac or 280 Vdc (reference clause 7.3.8).
- Current transformers – the new language on CT accuracies was reviewed. The WG decided to revert to the language in the 1999 version, including clause 5.7, clause 8.7.1, and the bibliography.
- Momentary current – a great deal of discussion occurred to refine the language used to describe the momentary current rating.
- Short-time current withstand test duration was limited to no greater than 125% of rated duration.
- Outstanding issues from Mr. Puckett:
 - 5.5.5 – IEEE 48 is not considered in this document.
 - 5.6.2 – changes made to 5.6.2 and 6.2.5 to make the intent clearer. Let-through is used extensively in C37.48.
 - 6.2 - Mr. Puckett requested additional detail of the auxiliary section / voltage transformer arrangement. Significant discussion ensued with modifications to the text.
 - 7.3.3.2 – language suggested by Mr. Mohla will be inserted in the next draft. Immediate comment / critique is required of the working group so that we will be able to initiate IEEE ballot in the next several months.
 - 7.3.4 – no change will be made.
 - 8.4.5 – no change will be made.
 - 9.2 – no change will be made.

- A.3.11 – no change will be made.
- 7.2 - language suggested by Mr. Mohla will be inserted in the next draft. Immediate comment / critique is required of the working group so that we will be able to initiate IEEE ballot in the next several months.
- Mr. Mohla will forward language sent earlier concerning viewing panes.

The working group voted to authorize the chair and the vice-chair to perform a thorough editorial review of the document to bring it up to current practices, and to refine language on items discussed in the meeting.

The meeting adjourned at 11:55 PM.

Report submitted by: M. Wactor, WG Chair