

C37.100.1 WG

Common Requirements for HV Power Switchgear Rated Above 1000 V

September 23, 2014 – Asheville, North Carolina

The Working Group for the revision of C37.100.1-2007 held its 6th meeting on September 23, 2014 in Asheville, North Carolina. 10 WG members and 24 guests were present.

Meeting was called to order at 2:00 PM by WG Chairman, David Stone.

Oral Introductions of meeting members followed and attendance sheets were circulated.

The agenda was reviewed and approved. In like manner, the minutes of the previous meeting held in Orlando, Florida were approved.

All attendees were reminded of the process and access requirements to retrieve information from the IEEE document archives at the following URL:

<http://grouper.ieee.org/groups/c37/100/1/private>.

Username and password were shown at the meeting and may be requested by WG members from the Chairman.

Working group membership remains at 40; 20 full members and 20 corresponding members.

Special thanks were extended to Carl Reigart, Devki Sharma, Ed Jankowich, Gerhard Schoonenberg, Don Elliott, and Bill Bergman for their help in developing the 1st WG draft of the proposed revision.

IEC 62271-1:

A report on the IEC MT34 activities was given by the Chairman. MT34 held a meeting in Belgium on September 17 & 18, 2014 to review the 656 comments received from their 2nd CD circulation over the summer. Due to the large number of comments, it is doubtful that the project will be approved for CDV at the November meeting of IEC SC17A in Tokyo. This development will likely, cause a delay in the work of the IEEE C37.100.1 standard.

1st Draft Review:

The chairman gave an overview of the 1st draft pointing out the format of notes that were inserted to explain the proposed changes. No detail review of the document was attempted at this meeting. Two topics discussed in some detail were:

- a) The treatment of pollution as a service condition as it affects insulators. The normative reference IEC 60815 has been replaced by a new IEC 60815 series -1 through -3. Background material and a proposal were presented and will be reviewed and further refined for inclusion into the draft.
- b) A proposal was presented for a revision to the tables on rated voltages for “use in North America”. This proposal is aimed at simplifying the recommended ratings.

The WG will continue by correspondence to develop the draft for a ballot and will continue to follow the progress of IEC MT34. Since the WG desires to further the harmonization work with IEC, it is not

expected that a final draft for ballot will be ready until the IEC work has produced a mature draft. This may not occur until after the first of the year.

Next meeting: May, 2015 in St. Pete Beach, Florida.

David Stone, Chair

Annex A: Attendance: C37.100.1-2007 WG Meeting September 23, 2014
X = present at meeting

Role	First Name	Last Name	Company	Country	9/23/2014
Chair	David	Stone	DTS Technical Services	USA	X
Secretary	Larry	Yonce	Eaton Corporation	USA	
Member	Chris	Ambrose	Federal Pacific	USA	X
Member	George	Becker	Electric Pwr Research Institute	USA	
Member	Robert	Behl	ABB	USA	X
Member	W.J. (Bill)	Bergman	PowerNex Associates Inc.	Canada	excused
Member	Antone	Bonner	Eaton	USA	excused
Member	Russell	Boyce	Eaton	USA	excused
Member	Ted	Burse	Powell Industries, Inc	USA	excused
Member	Gilbert	Carmona	Southern California Edison	USA	X
Member	Frank	DeCesaro	Eaton's Cooper Power Systems	USA	excused
Member	Donald	Elliott	ABB	USA	X
Member	Leslie	Falkingham	Vacuum Interrupters Limited	UK	excused
Member	Lawrence	Farr	Eaton Electrical	USA	X
Member	Edward	Jankowich	Representing ABB/T&B	USA	X
Member	Hua Ying	Liu	Southern California Edison	USA	X
Member	Peter	Meyer	S&C Electric Company	USA	
Member	Alan	Peterson	Utility Service Corporation	USA	
Member	Gerard	Schoonenberg	Eaton	Netherlands	excused
Member	Robert	Smith	Eaton Corporation	USA	excused
Member	James	Swank	Cooper Power Systems	USA	
Corres Member	Arun	Arora	Consultant	USA	
Corres Member	Anne	Bosma	ABB AB	Sweden	
Corres Member	Arben	Bufi	Hitachi HVB, Inc.	USA	
Corres Member	Steven	Chen	Eaton Corporation	USA	
Corres Member	James	Collins	CRC Industries	USA	
Corres Member	Larry	Davis	Reuel Inc	USA	
Corres Member	Denis	Dufournet	Alstom Grid	France	X
Corres Member	Charles	Hand	Southern California Edison	USA	
Corres Member	Kenneth	Harless	Pascor Atlantic	USA	X
Corres Member	Harold	Hirz	Thomas and Betts	USA	
Corres Member	Joanne	Hu	RBJ Engineering Corporation	Canada	
Corres Member	Albert	Livshitz	CE Power Solutions	USA	
Corres Member	David	McMullen	Southern Company Services	USA	
Corres Member	Steven	Meiners	GE	USA	
Corres Member	Muhammad	Omer	ABB Inc	USA	

Corres Member	Larry	Putman	Powell Electrical Systems Inc.	USA	
Corres Member	Carl	Reigart	Hubbell Power Systems/USCO	USA	
Corres Member	Hugh	Ross	Ross Engineering Corporation	USA	
Corres Member	Carl	Schneider	Schneider Electric	USA	
Corres Member	Paul	Sullivan	DuPont	USA	
Guest	Roy	Ayers	Nashville Electric Service	USA	X
Guest	Jerry	Baskin	Federal Pacific	USA	X
Guest	David	Beseda	S&C Electric Co.	USA	X
Guest	Stan	Billings	Mitsubishi Electric PP	USA	X
Guest	Douglas	Fitchett	Self Employed	USA	X
Guest	Sergio	Flores	Schneider Electric Inc. USA	USA	X
Guest	Paul	Found	BC Hydro	Canada	X
Guest	Didier	Fulchiron	Schneider-Electric	France	X
Guest	Reid	Herzog	OG&E	USA	X
Guest	Travis	Johnson	Xcel Energy	USA	X
Guest	Wolfgang	Jung	Siemens AG	Germany	X
Guest	Jeffrey	Kester	Hubbell Power Systems	USA	X
Guest	Carl	LaPlace	GE Industrial Solutions	USA	X
Guest	Chris	Lettow	S&C Electric Company	USA	X
Guest	Alex	Lizardo	ABB	USA	X
Guest	Amit	Patel	GE	USA	X
Guest	Andrew	Peterson	ABB	USA	X
Guest	Devki	Sharma	Consultant	USA	X
Guest	James	Stacy	Schneider Electric	USA	X
Guest	Karla	Trost	G&W Electric	USA	X
Guest	Michael	Wactor	Powell Industries, Inc	USA	X
Guest	Matthew	Williford	Schneider Electric	USA	X
Guest	Terry	Woodyard	Siemens Industry Inc.	USA	X
Guest	Wei	Zhang	Hitachi HVB, Inc.	USA	X