

Revision of C37.012

2013-09-16 San Antonio, TX

The WG meet on the afternoon of September 16 with 22 members and 30 guests.

After introduction of the members and guests, the minutes of the Galveston meeting were approved unanimously (no abstentions).

Comments from the August recirculation were presented to the committee and the resolution agreed by the members of the committee is as follows:

Page	Subclause	Line	Comment	Must Be Satisfied	Proposed Change	Disposition Status
			Nowhere in this document are the aspects of parallel switch of capacitors and motors. It is indirectly referred to but I would like to see a section to advise the user community of some of the issues related to controlling a motor and capacitors in parallel.	No	Motors may operate as self-excited generators and may generate voltages considerably higher than the network ones. A section should be included to advise the user community of this and several other risks associate with motor/capacitor parallel switching.	Subject referred to is out of scope for this document
8	4.2.2	12	Figure appears to be deleted, with no replacement. The figure needs a better explanation. It would be better to show line voltage, and capacitor terminal voltage. In addition, NSDDs should be spelled out in the manuscript and figure title.	Yes	Provide new figure and spell out non-sustained disruptive discharge in the manuscript and figure title.	To review by chair, committee members agree
61	A.1	18	add the year of publication to [B5]	No	add 1998	Agreed
61	A.1	21	Reference [B7]: Electra 67 was published in 1979	No	change the year of publication to 1979	Agreed

			I was unable to get the document to download to my computer. I received a the file is damaged and could not be repaired message each time that I tried to get the document to open so that I could print a copy.	No	Please send a printed copy to me in the US mail.	No
3	4.1	18	The words "a single phase representation of" is poor wording. Is this in engineering terms a schemas or schematic. In which case it could be single or 3 phase.	No	Delete "a single phase representation of" and replace with "a scheme for".	See attached word document for approved wording.

The comments will be addressed on the next draft of the document and a new recirculation ballot will be initiated.

The chair was excused for this session and the meeting was conducted by Roy Alexander and Mauricio Aristizabal.

Respectfully,

Mauricio Aristizabal.

**PC37.012 Working Group Membership**

<b>First Name</b>	<b>Last Name</b>	<b>Affiliation</b>
Mehmet	Adanur	Southern Company Services
Roy	Alexander	RWA Engineering
Mauricio	Aristizabal	ABB
W.J. (Bill)	Bergman	PowerNex Associates Inc.
Stan	Billings	Mitsubishi Electric PP
Anne	Bosma	ABB AB
Arben	Bufi	Hitachi HVB, Inc.
Gilbert	Carmona	Southern California Edison
Stephen	Cary	Eaton Corporation
Steven	Chen	Eaton Corporation
Chih	Chow	PEPCO
Lucas	Collette	Mitsubishi Electric
Michael	Crawford	Mitsubishi Electric
Denis	Dufournet	Alstom Grid
Ken	Edwards	Bonneville Power Administration
Doug	Edwards	Siemens Industries, Inc.
Leslie	Falkingham	Vacuum Interrupters Limited
Keith	Flowers	Siemens Industry, Inc.
John	Hall	Tennessee Valley Authority
Helmut	Heiermeier	ABB
Victor	Hermosillo	Alstom Grid
Stephen	Lambert	Shawnee Power Consulting, LLC
David	Lemmerman	PECO/Exelon
Hua Ying	Liu	Southern California Edison
Li	Liu	Eaton
Albert	Livshitz	Schneider Electric Services
Tom	Mulcahy	Dominion
Jeffrey	Nelson	Tennessee Valley Authority
Mirko	Palazzo	ABB
Jon	Rogers	Siemens Energy, Inc
Devki	Sharma	Consultant
Sushil	Shinde	ABB Inc.
Michael	Skidmore	AEP
John	Webb	ABB
Jan	Weisker	Siemens AG
Xi	Zhu	GE Energy Management

**PC37.012 Working Group Meeting Attendance - San Antonio, TX. September 16, 2013**

<b>First Name</b>	<b>Last Name</b>	<b>Affiliation</b>
Syed Shahab Uddin	Ahmed	Siemens Energy Inc
Roy	Alexander	RWA Engineering
Mauricio	Aristizabal	ABB
Amildo	Barrio	Parsons
George	Becker	The United Illuminating Company
Stan	Billings	Mitsubishi Electric PP
Steven	Brown	Allen & Hoshall
Arben	Bufi	Hitachi HVB, Inc.
Donald	Cantrelle	Georgia Power
Gilbert	Carmona	Southern California Edison
Stephen	Cary	Eaton Corporation
Steven	Chen	Eaton Corporation
Chih	Chow	PEPCO
Michael	Christian	ABB
Roggero	Ciofani	Altalink
Dave	Collette	Mitsubishi Electric
Lucas	Collette	Mitsubishi Electric
Michael	Crawford	Mitsubishi Electric
Jerod	Day	Vacuum Interrupters, Inc.
Patrick	Di Lillo	Consolidated Edison Co. of NY, Inc.
Denis	Dufournet	Alstom Grid
Jerry	Earl	ABB, Inc.
Ken	Edwards	Bonneville Power Administration
Leslie	Falkingham	Vacuum Interrupters Limited
Helmut	Heiermeier	ABB
Victor	Hermosillo	Alstom Grid
Todd	Irwin	Alstom Grid Inc
David	Lemmerman	PECO/Exelon
Paul	Leufkens	KEMA-Powertest
Bjorn	Lofgren	Siemens Energy
Vincent	Marshall	Southern Company Services
Dave	Mitchell	Dominion
Tom	Mulcahy	Dominion
Raj	Nayar	Siemens Energy Inc.
Thomas	Pellerito	DTE Energy
Anthony	Ricciuti	Eaton Corporation
Brian	Roberts	Southern States, LLC
Jon	Rogers	Siemens Energy, Inc

Roderick	Sauls	Southern Company Services
Carl	Schuetz	American Transmission Company (ATC)
Sushil	Shinde	ABB Inc.
Michael	Skidmore	AEP
Robert	Smith	Eaton Corporation
Erin	Spiewak	IEEE
Don	Steigerwalt	Duke Energy
Donald	Swing	Southern States, LLC
Vernon	Toups	Siemens
James	van de Ligt	CANA High Voltage Ltd.
John	Webb	ABB
Terrance	Woodyard	Siemens Industry Inc.
Dong Sun	Yoon	HICO America
Xi	Zhu	GE Energy Management