

Minutes of Meeting – Fall 2014

PC37.100.2 Common Requirements for Testing of Capacitance Current Switching Devices

Renaissance Marriott Asheville – Asheville, NC USA

23-24 September 2014

Neil McCord, Chair

John Webb, Vice-Chair

Donnie Swing, Secretary

This meeting was the first meeting since the first ballot of C37.100.2 at draft 4.1. The ballot did not pass with a final approval percentage of 73.0%. A total of 548 comments were submitted including 342 that were designated “must be satisfied”. The vast majority of our time was spent in comment resolution.

Introductions

- **12 of 17 members** attended, thus a quorum was present.
- **17 guests** attended.

The PAR was discussed and it was noted by the secretary that it expires at the end of the year. The deadline of October 20th for PAR extension application was acknowledged. Donnie will coordinate with Mike Wactor to ensure that the PAR extension application is completed on time.

Ted Burse suggested that the working group chair communicate with ADSCOM to discuss scope and possible document overlap with, for example, C37.09.

Ted Burse and John Webb stated that since the ballot was unsuccessful any and all changes are possible and not limited to the comments from balloters.

Cathryn Berger, IEEE editor, provided assistance to the working group for editorial and content matters. She offered her continued support if necessary.

Harry Hirz agreed to use the C37.66 session on Wednesday morning exclusively for the continuation of comment resolution on C37.100.2.

A total of 134 technical comments were addressed leaving 68 technical, 38 general, and 102 editorial comments that must be satisfied. The technical and general comments will be divided and assigned to sub-groups within the working group for resolution. Donnie Swing will address all of the editorial comments.

Commitments

Pete Meyer will work on section 4.3 in its entirety and have it ready by the end of the calendar year.

Frank DeCesaro will work on section 3 to make all of the changes to the definitions by October 31st.

Neil McCord will divide the remaining technical and general comments among the working group.

Donnie Swing will address all of the editorial comments by October 31st and, pending receipt of work from working group members, will compile the document by the end of January 2015.

Upon compilation of the document it will be sent out for a 10-day review by the working group members after which it will be sent out for its second ballot in February or March of 2015.

Member and Attendance Information – PC37.100.2

Role	First Name	Last Name	Company	City	State	Country	10/2/2012	5/1/2013	9/18/2013	5/6/2014	9/23/2014
Chair	Neil	McCord	Southern States	Hampton	GA	USA	X	X			X
Vice-Chair	John	Webb	ABB	Florence	SC	USA		X	X	X	X
Secretary	Donald	Swing	Powell Industries	Houston	TX	USA	X	X	X	X	X
Member	Roy	Alexander	RWA Engineering	Cranberry Twp.	PA	USA	X		X	X	X
Member	Antone	Bonner	Eaton	South Milwaukee	WI	USA	X	X	X		
Member	Anne	Bosma	ABB AB	Ludvika	Other	Sweden	X	X		X	X
Member	Frank	DeCesaro	Eaton's Cooper Power Systems	Franksville	WI	USA	X	X	X	X	X
Member	Edgar	Dullni	ABB	Ratingen	Other	Germany		X	X	X	
Member	Harold	Hirz	Thomas and Betts	Solon	OH	USA	X	X	X		X
Member	Peter	Meyer	S&C Electric Company	Chicago	IL	USA	X	X	X	X	X
Member	Tom	Mulcahy	Dominion	glen Allen	VA	USA	X	X	X	X	X
Member	Robert	Smith	Eaton Corporation	Horseheads	NY	USA	X	X	X		
Member	Andrew	Swisher	Southern California Edison	Westminster	CA	USA	X	X	X		
Member	James	van de Ligt	CANA High Voltage Ltd.	Calgary	AB	Canada					X
Member	Xi	Zhu	GE Energy Management	Atlanta	GA	USA					X
Corresp. Member	Richard	Burge	Southern States LLC	Hampton	GA	USA					
Corresp. Member	Tom	Stefanski	Powertech Labs Inc	Surrey	BC	Canada			X		X
Guest	John Paul	Adigwu	Southern California Edison	Westminster	CA	USA	X		X		X
Guest	Richard	Allen	United Illuminating	Orange	CT	USA					X
Guest	Chris	Ambrose	Federal Pacific (Div. of Electro-Mechanical Corp.)	Bristol	TN	USA	X	X	X		X
Guest	Michael	Anderson	Retired	Madison	WI	USA					
Guest	Mauricio	Aristizabal	ABB	Pittsburgh	PA	USA		X			
Guest	Roy	Ayers	Nashville Electric Service	Nashville	TN	USA		X			
Guest	Ganesh	Balasubramanian	Eaton Corporation	Horseheads	NY	USA		X			
Guest	Craig	Befus	Xcel Energy	Denver	CO	USA	X				

Guest	Robert	Behl	ABB	Lake Mary	FL	USA			X		X
Guest	Stan	Billings	Mitsubishi Electric PP	Warrendale	PA	USA		X	X		
Guest	Steven	Brown	Allen & Hoshall	Bartlett	TN	USA			X		
Guest	Raymond	Browning	FirstEnergy Corp.	Copley	OH	USA				X	
Guest	Arben	Bufi	Hitachi HVB, Inc.	Suwanee	GA	USA		X	X		X
Guest	Eldridge	Byron	Schneider Electric	Smyrna	TN	USA					
Guest	Donald	Cantrelle	Georgia Power	Forest Park	GA	USA			X		
Guest	Gilbert	Carmona	Southern California Edison	Pomona	CA	USA	X			X	
Guest	Stephen	Cary	Eaton Corporation	Moon Township	PA	USA					X
Guest	Michael	Christian	ABB	Lake Mary	FL	USA		X			
Guest	Lucas	Collette	Mitsubishi Electric	Warrendale	PA	USA					
Guest	David	Dart	NOJAPower	Brisbane	Other	Australia			X		
Guest	Patrick	Di Lillo	Consolidated Edison Co. of NY, Inc.	New York	NY	USA		X			
Guest	Alexander	Dixon	Alex Dixon, Inc.	Randallstown	MD	USA					
Guest	Hernan	Figueroa	Hubbell Power Systems	Leeds	AL	USA					
Guest	Paul	Found	BC Hydro	Burnaby	BC	Canada			X		X
Guest	Rick	Gavazza	Pacific Gas & Electric	Novato	CA	USA					
Guest	John	Hall	Tennessee Valley Authority	Chattanooga	TN	USA	X	X	X		
Guest	Helmut	Heiermeier	ABB	Baden	Other	Switzerland					
Guest	Christian	Heinrich	Siemens AG	Berlin	Other	Germany	X				
Guest	Victor	Hermosillo	Alstom Grid	Charleroi	PA	USA		X			X
Guest	Reid	Herzog	OG&E	Oklahoma City	OK	USA	X	X	X		X
Guest	Luther	Holloman	Retired		VA	USA					
Guest	James	Houston	Southern Company Transmission	Birmingham	AL	USA					
Guest	Bill	Hurst	Alstom Grid	Charleroi	PA	USA		X			
Guest	Todd	Irwin	Alstom Grid Inc	Smithville	MO	USA		X	X		
Guest	Carlos	Isaac	Oncor Electric Delivery	Fort Worth	TX	USA			X		
Guest	Brendan	Kirkpatrick	Southern California Edison	Westminster	CA	USA		X			X
Guest	Sandeep	Kulkarni	CG	MUMBAI	Other	India		X			
Guest	Carl	Kurinko	ABB Inc.	North Huntingdon	PA	USA					
Guest	Daniel	Landreman	Cooper Power Systems	Franksville	WI	USA					
Guest	David	Lemmerman	PECO/Exelon	Berwyn	PA	USA					X
Guest	Wangpei	Li	Eaton	Horseheads	NY	USA	X				
Guest	Li	Liu	Eaton	Moon Township	PA	USA		X			
Guest	Russell	Long	Retired	Pittsburgh	PA	USA					

Guest	Gary	Martin	Entergy	Kenner	LA	USA		X	X		
Guest	Herbert	Martinez	Southern California Edison	Westminster	CA	USA					
Guest	Frank	Mayle	Technibus, Inc.	Canton	OH	USA					
Guest	Dave	Mitchell	Dominion	Richmond	VA	USA		X			
Guest	Terry	Monahan	Schneider Electric	Smyrna	TN	USA					X
Guest	Raj	Nayar	Siemens Energy Inc.	Heber Springs	AR	USA					
Guest	Jeffrey	Nelson	Tennessee Valley Authority	Chattanooga	TN	USA					
Guest	Thomas	Pellerito	DTE Energy	Detroit	MI	USA		X	X		
Guest	Andrew	Peterson	ABB	Sanford	FL	USA			X		
Guest	Lise	Phan	Parcific Gas and Electric Company	Oakland	CA	USA		X			
Guest	Iulian	Profir	Rockwell Automation	Cambridge	AZ	Canada		X			
Guest	Syed	Rahman	The United Illuminating Company	Orange	CT	USA		X			
Guest	Carl	Reigart	Hubbell Power Systems/USCO	Leeds	AL	USA					
Guest	Anthony	Ricciuti	Eaton Corporation	Moon Township	PA	USA					
Guest	Brian	Roberts	Southern States, LLC	Hampton	GA	USA			X	X	X
Guest	Marcelo	Rodrigues	CEPEL - Electric Energy Research Center	Nova Iguacu	Other	Brazil	X				
Guest	Carl	Schneider	Schneider Electric	Smyrna	TN	USA					
Guest	Sushil	Shinde	ABB Inc.	Mt Pleasant	PA	USA		X	X		
Guest	Michael	Skidmore	AEP	Pickerington	OH	USA					X
Guest	Francois	Soulard	Hydro-Quebec	Montreal	QC	Canada			X		
Guest	Erin	Spiewak	IEEE	Piscataway	NJ	USA		X			
Guest	David	Stone	DTS Technical Services	Reading	MA	USA					
Guest	Humayun	Tariq	American Electric Power	Gahanna	OH	USA					X
Guest	Thomas	Tobin	S&C Electric Co	Chicago	IL	USA					X
Guest	Richard	Trussler	Schneider Electric	Smyrna	TN	USA					X
Guest	Robert	Warren	KEMA Powertest	Chalfont	PA	USA					

Total:	20	36	32	11	29
Members:	9	8	12	8	12
Guests:	11	28	20	3	17