

Minutes of TF PC37.100.2
Common Clauses for Capacitance Switching
Tuesday, May 1st, 2012
8:00am – 9:45am ; 10:15am – 12:00pm
St. Petersburg, FL

- I. Welcome
- II. No review of Patent Slides as it was announced in orientation that such review is no longer a requirement.
- III. Minutes from previous meeting of the TF were reviewed and approved.
- IV. Introductions
7 of 12 members and 11 guests attended, so a quorum was present
- V. Business
 - a. The chair of the group presented a table that collectively defines test duties for rating classes. This table will be discussed again and perhaps inserted at the next meeting.
 - b. The latest draft revision of the document was discussed.
 - i. The term “P60” was suggested as a new nomenclature for the preconditioning shot, and met continued objection. This will be discussed at the next meeting.
 - ii. Subsection “e” was added to section 4.2 – General to account for back-to-back application
 - iii. The difficulty to understand “positive sequence” and “zero sequence” capacitance was discussed. It will be revisited at the next meeting.
 - iv. It was brought up that perhaps a back-to-back rating should be added to the standard.
 - v. There was a disagreement about whether the testing order for C2 class rating should be mandatory, preferred, or other. One point for it being mandatory was that the inrush current in the preconditioning contributes heavily to the condition of the device during testing.
 - vi. 4.6.6 Table 2 notes should be revisited.
 - vii. The term “Non-Destructive Restrikes” (NDRS) is introduced. This was discussed at length and with respect to different voltage levels. NDRS will be written into the standard for the next ballot and will be further discussed at the next meeting.
 - viii. C37.60 Draft 9 was informally referenced in the meeting during a discussion about acceptable restrikes. This topic should be revisited.
 - ix. It was suggested to change “v” to “u_r” for IEC harmonization
 - x. There was a small disagreement about whether a section for damping components is needed.
 - c. Assignments for next meeting:
 - i. Annex C will be done by Roy Alexander
 - ii. Annex E will be done by Kirk Smith
 - iii. Definitions will be done by Harry Hirz
 - iv. Design Tests will be done by Neil McCord
 - v. Normative References will be done by Donnie Swing and Pete Meyer
 - vi. Overview will be done by Neil McCord
 - vii. Editorial will be done by Antone Bonner
- VI. Meeting adjourned at 12:00 PM.

Attachments: (1) Member and Attendance Information

Member Information - PC37.100.2

Member Information - PC37.100.2								Attendance			
Role	Participation Status	Type	First Name	Last Name	Company	City	State	9/29/2010	5/17/2011	10/11/2011	5/1/2012
Chair	Active	Interested Individual	Neil	McCord	Southern States	Hampton	GA		X	X	X
Vice-Chair	Active	Member	John	Webb	ABB	Florence	SC	X	X		X
Secretary	Terminated	Interested Individual	Richard	Burge	Southern States-LLC	Hampton	GA	#N/A	X	X	#N/A
Secretary	Active	Interested Individual	Donald	Swing	Southern States, LLC	Hampton	GA				X
Member	Active	Member	Roy	Alexander	RWA Engineering	Cranberry Twp.	PA		X	X	X
Member	Active	Member	Antone	Bonner	Cooper Power Systems	South Milwaukee	WI	X			X
Member	Active	Member	Anne	Bosma	ABB AB	Ludvika	Other	X			
Member	Active	Interested Individual	Rick	Gavazza	Pacific Gas & Electric	Novato	CA	X			
Member	Active	Interested Individual	Harold	Hirz	Thomas and Betts	Cleveland	OH	X	X	X	X
Member	Active	Member	Russell	Long	Retired	Pittsburgh	PA	X			
Member	Active	Interested Individual	Peter	Meyer	S&C Electric Company	Chicago	IL	X	X	X	X
Member	Active	Member	Robert	Smith	Eaton Corporation	Horseheads	NY	X			X
Member	Active	Member	David	Stone	DTS Technical Services	Milwaukee	WI	X			
Guest	Active	Member	Chris	Ambrose	Federal Pacific (Division of Electro-Mechanical Corp.)	Bristol	TN				X
Guest	Active	Member	Michael	Anderson	American Transmission Company	Madison	WI				
Guest	Active	Interested Individual	Craig	Befus	BC Hydro	Burnaby	BC	X			
Guest	Active	Member	Robert	Behl	ABB	Lake Mary	FL	X			X
Guest	Active	Member	Stan	Billings	Mitsubishi Electric PP	Warrendale	PA				
Guest	Active	Member	Eldridge	Byron	Schneider Electric	Smyrna	TN				
Guest	Active	Interested Individual	Gilbert	Carmona	Southern California Edison	Pomona	CA				X
Guest	Active	Interested Individual	Lucas	Collette	Mitsubishi Electric Power Products	Warrendale	PA	X	X		
Guest	Active	Member	Frank	DeCesaro	Cooper Power Systems	Franksville	WI	X		X	X
Guest	Active	Honorary Member	Alexander	Dixon	Alex Dixon, Inc.	Randallstown	MD				
Guest	Active	Interested Individual	Edgar	Dullni	ABB	Ratingen	Other		X		X
Guest	Active	Interested Individual	Hernan	Figuroa	Hubbell Power Systems	Leeds	AL	X			
Guest	Active	Interested Individual	John	Hall	Tennessee Valley Authority	Chattanooga	TN				X
Guest	Active	Member	Helmut	Heiermeier	ABB	Baden	Other				
Guest	Active	Interested Individual	Reid	Herzog	OG&E	Oklahoma City	OK	X	X		X
Guest	Active	Member	Luther	Holloman	Dominion	Richmond	VA				
Guest	Active	Member	James	Houston	Southern Company Transmission	Birmingham	AL				
Guest	Active	Interested Individual	Carl	Kurinko	ABB Inc.	North Huntingdon	PA				
Guest	Active	Interested Individual	Daniel	Landreman	Cooper Power Systems	Franksville	WI	X			
Guest	Active	Interested Individual	Wangpei	Li	Eaton	Horseheads	NY				X
Guest	Active	Interested Individual	Herbert	Martinez	Southern California Edison	Westminster	CA	X			
Guest	Active	Member	Frank	Mayle	Technibus, Inc.	Canton	OH				
Guest	Active	Interested Individual	Tom	Mulcahy	Dominion	glen Allen	VA				X
Guest	Active	Interested Individual	Raj	Nayar	Siemens Energy Inc.	Heber Springs	AR				
Guest	Active	Member	Jeffrey	Nelson	Tennessee Valley Authority	Chattanooga	TN		X		
Guest	Active	Member	Carl	Reigart	Hubbell Power Systems/USCO	Leeds	AL				X
Guest	Active	Interested Individual	Anthony	Ricciuti	Eaton Corporation	Moon Township	PA				
Guest	Active	Interested Individual	Carl	Schneider	Square D	Murfreesboro	TN				
Guest	Active	Active Participant	Francois	Soulard	Hydro-Quebec	Montreal	QC	X			
Guest	Active	Staff	Erin	Spiewak	IEEE	Piscataway	NJ				X
Guest	Active	Interested Individual	Andrew	Swisher	Southern California Edison	Westminster	CA	X			
Guest	Active	Interested Individual	Robert	Warren	KEMA Powertest	Chalfont	PA				
Guest	Active	Interested Individual	Xi	Zhu	HICO America	Murrysville	PA				

WG Participation Summary								Meeting Attendance:			
12	Members							19	10	6	19
33	Other							9	6	5	8
46						Guests:		10	4	1	11