

Minutes for Working Group C37.30.1  
April 23-25, 2018  
Orlando, FL

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- The working group met for three sessions one session on Monday April 23<sup>rd</sup>, Tuesday April 24<sup>th</sup>, and Wednesday April 25<sup>th</sup>.
- 38 participants were in attendance with two members excused.
- Attendees introduced themselves with their affiliations.
- WG Vice Chair Kyle Stechschulte addressed the members and guests of the WG to identify any patent conflicts.
  - There were no members or guests that brought up any patent conflicts to the WG.
- Kyle Stechschulte announced that he is stepping down as Vice Chair, and this would be his last meeting.
- Discussion was held on C37.100.1 and direction to proceed after document had issues with copyright infringement with IEC.
- There were four options proposed by ADSCOM to address the issues with C37.100.1.
  - Reference to IEEE Std C37.100.1-2007
  - Reference to IEC 62227-1:2017
  - Reference to IEC 62227-1:2017 with exceptions
  - Forego Common Clauses (IEEE or IEC) and define the requirement within your draft standard.
- A vote for the reference of C37.100.1 was cast to the members of the working group to proceed
  - Consensus was to proceed with ADSCOM option to Reference to IEEE Std C37.100.1-2007.
- A discussion was held on incorporating regulator bypass switches into C37.30.1.
  - Work by the task force led by Jim Houston for regulator bypass switches presented work done prior to fall meeting.
  - 25kA 3 second symmetrical short circuit testing was proposed.
    - Testing requirements will have to be defined and added into for this new testing
  - Current proposed direction would be to limit scope in new revision of C37.30.1 to regulator bypass switches and not to include other equipment bypass switches.
  - Proposal for dielectric testing was 15% of regulator bypass main disconnect power frequency rating.
  - Carl Reigart proposed a CAUTION statement to clarify that the bypass blade is not an isolation protection device.
- The working group went through C37.30.1 draft document and compared with C37.100.1-2007.
- Danny Hoss volunteered to investigate further into routine tests for auxiliary and control circuits and how to define that.
- Kyle proposed new changes to C37.30.1 Table 14
  - Recommended adding clarifying notes to section 6, 7, and 8 by referencing the types of switches in the appendix.
  - Recommended adding “an increase” along with the existing “reduction” in note c of Table 14.
  - Recommended adding additional sentence to note b. “The clearance from energized parts to ground must be maintained in the open and closed positions of the switch.”
    - Donnie Swing volunteered to define disconnecting switches.
    - Jim Houston volunteered to investigate values not established in Table 14.
    - Danny Hoss volunteered to define and address note for double end breaks.
- A draft with IEEE Std C37.100.1-2007 references will be compiled prior to the Fall Meeting.
- Meeting adjournment
- Next meeting will be October 14 – 18, 2018 in Kansas City, MO

Name	Affiliation	Member/Guest	M Request	Sign In	Email
Almeida, Edwin	Southern Cal Edison	G		P	Edwin.almieda@sce.com
Blake, Jacob	Hubbell/USCO	M		P	jwblake@hubbell.com
Boles, Brett	Southern Company	M		P	BHBOLES@southernco.com
Borck, Christopher	Eaton's Cooper Power Systems	G		P	Edwin.almieda@sce.com
Cook, Tim	Pascor Atlantic	M		P	tcook@pascoratlantic.com
Corriveau, Philleppe	Mindcore Technologies	G		P	pcorriveau@mindcoretech.com
Donahue, Steven	Royal Switchgear Manufacturing	G		P	sdonahue@royalswitchgear.com
Elizondo, Rodolfo	Peak Demand	G		P	Relizondo@peakdemand.com
Fox, Paul	Schneider Electric	G		P	Paul.fox@schneider-electric.com
Glinsky, Ilya	Southern Cal Edison	G	Y	P	Ilya.glinsky@sce.com
Gohid, Dave	AZZ Switchgear Systems	G		P	DaveGohid@azz.com
Guzman, Francisco	Southern Cal Edison	G	Y	P	francisco.guzman@sce.com
Hall, John	TVA	M		A	jthall@tva.gov
Harless, Ken	Pascor Atlantic	M		E	ken.harless@ieee.org
Haynes, Gary	ABB Inc.	M		P	
Hoss, Danny	Southern States	M		A	dhoss@ieee.org
Houston, Jim	Southern Company	M		P	jehouston@southernco.com
Hurst, Bill	Alstom grid	M		P	bhurst@ieee.org
John Paul Adiwu	Southern Cal Edison	G		A	johnpaul.adigwu@sce.com
Kaminski, John	Siemens	G		P	John.kaminski.us@ieee.org
Kohler, Thomas	Ameren	G		P	tkohler@ameren.com
Kohler, Thomas	Ameren	M		P	tkohler73@gmail.com
Kowalik, Pete	Cleveland Price	M		P	petek@clevelandprice.com
Lambert, Frank	Georgia Tech/NEETRAC	G		P	flambert@ieee.org
Leal, Gustavo	Dominion Energy	G	Y	P	Gustav2@dominionenergy.com
Martin, Gary	Entergy	G		P	Gmart3@entergy.com
McCord, Neil	KEC Precision	G		P	Neil.mccord@ieee.org
McMullen, David	Southern Company	M		P	d1mcmull@southernco.com
Meyer, Pete	S&C Electric	M		P	peter.meyer@sanc.com
Peterson, Alan	Utility Service Corp	G		P	apeterson@utilserv.com
Pitel, Mike	Eaton Corp	G			Eatoncorp.mikepitel@eaton
Reid, Laura	Hubbell Power Systems	M		E	lpreid@hubbell.com
Reigart, Carl	Hubbell/USCO	M		P	creigart@ieee.org
Sanders, Dean	Inertia	G		P	Inertiaenr.dsanders@inertiaworks.com
Sharma, Devki	Consultant (Entergy)	M		P	devkisharma@ieee.org
Stechschulte, Kyle	AEP	M		P	kdstechschulte@aep.com
Swing, Donnie	Hubbell Power Systems	M		P	dswing@hubbell.com
Trichon, Francois	Schneider Electric	G		P	Francois.trichon@schneider-electric.com