

Minutes of WG PC37.11
Electrical Control of Circuit Breakers
Monday, April 29th, 2013
10:15 – 12:00
Galveston, TX

- I Welcome
- II Introductions
Meeting opened with 9 members and 32 guests. A quorum was present.
- III Minutes from previous meeting of the TF were reviewed and approved.
 - a. Moved by Anthony Ricciuti, seconded by Mauricio Aristizabal; carried by voice vote.
- IV Old Business
 - a. WG was informed that previously authorized PAR extension was granted but only for one year, not the two year requested. PAR Expires Dec. 2013.
- V New Business
 - a. Initial ballot which closed 7 April, 2013 was reviewed
 - b. 78% Response Rate, 93% Approval. Meets IEEE criteria for acceptance once negative comments are resolved.
 - c. Resolution of comments on negative ballots resulted in changes to the document; recirculation is planned for June.
 - d. Among the ballot resolutions which were voted upon, the proposal to increase the minimum number of 'extra' auxiliary contacts available to the user on breakers not intended for use in metal-clad switchgear be increased from 2 'a' and 2 'b' to 8 'a' and 8 'b' was not accepted by the working group.
- VI Meeting adjourned at 12:Noon. Moved by Stan Billings, seconded by Anthony Ricciuti, approved by voice vote.
- VII Next meeting will be in San Antonio, TX in September, 2013.

Attachments: (1) Membership and Attendance list.

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Company / Affiliation</u>	<u>City</u>	<u>State</u>	<u>4/30/2012</u>	<u>10/1/2012</u>	<u>4/29/2013</u>
Chair	John	Webb	ABB	Florence	SC	X	X	X
Vice-Chair	Michael	Crawford	Mitsubishi Electric	Warrendale	PA	X		
Member	Michael	Anderson	American Transmission Company	Madison	WI			
Member	Mauricio	Aristizabal	ABB	Pittsburgh	PA	X	X	X
Member	W.J. (Bill)	Bergman	PowerNex Associates Inc.	Calgary	AB		X	
Member	Stan	Billings	Mitsubishi Electric PP	Warrendale	PA	X	X	X
Member	Arben	Bufi	HITACHI HVB, INC.	Suwanee	GA	X	X	X
Member	Gilbert	Carmona	Southern California Edison	Pomona	CA		X	X
Member	Patrick	Di Lillo	Consolidated Edison Co. of NY, Inc.	New York	NY			
Member	Hua Ying	Liu	Southern California Edison	Pomona	CA	X	X	
Member	Russell	Long	Retired	Pittsburgh	PA	X	X	
Member	Anthony	Ricciuti	Eaton Corporation	Moon Township	PA	X	X	X
Member	Michael	Skidmore	AEP	Pickerington	OH	X	X	X
Member	Wes	Wadsworth	Hitachi HVB, Inc.	Suwanee	GA	X	X	
Member	Jiong	Zhang	MEPPI	West Covina	CA		X	X
Member	Xi	Zhu	GE Energy Management	Atlanta	GA	X	X	X
Guest	Mehmet	Adanur	Southern Company Services	Birmingham	AL	X	X	
Guest	Roy	Alexander	RWA Engineering	Cranberry Twp.	PA		X	
Guest	William	Bane	Nashville Electric Service	Nashville	TN		X	
Guest	Anne	Bosma	ABB AB	Ludvika	Other		X	
Guest	Cody	Brehm	American Transmission Company	Milwaukee	WI		X	X
Guest	Steven	Brown	Allen & Hoshall	Bartlett	TN	X		
Guest	John	Brunke	Dr. John H. Brunke, P.E.	Freeland	WA			
Guest	Richard	Burge	Southern States LLC	Hampton	GA			
Guest	Ted	Burse	Powell Industries, Inc	Houston	TX			X
Guest	Ed	Burt	BC Hydro	Vancouver	BC			
Guest	Donald	Cantrelle	Georgia Power	Forest Park	GA			X
Guest	Steven	Chen	Chenhouse North America	MOON TOWNSHIP	PA			
Guest	Chih	Chow	PEPCO	Washington	DC	X	X	X
Guest	Michael	Christian	ABB	Lake Mary	FL			X
Guest	Dave	Collette	Mitsubishi Electric	Warrendale	PA	X	X	X
Guest	Lucas	Collette	Mitsubishi Electric	Warrendale	PA		X	X

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Guest	Denis	Dufournet	Alstom Grid	Villeurbanne	Other			X
Guest	Edgar	Dullni	ABB	Ratingen	Other			
Guest	Bernie	Dwyer	PECO	Berwyn	PA			
Guest	Pete	Dwyer	Dwyer Enterprises	Paoli	PA			
Guest	Ken	Edwards	Bonneville Power Administration	Vancouver	WA			
Guest	Ronald	Esco	Eaton Corporation	Greenwood	SC	X	X	X
Guest	Robert	Foster	Megger	Paradise	CA			X
Guest	Rick	Gavazza	Pacific Gas & Electric	Novato	CA			
Guest	Douglas	Giraud	Powell Electrical Systems	Houston	TX			
Guest	Mietek	Glinkowski	ABB Inc.	Raleigh	NC			
Guest	John	Hall	Tennessee Valley Authority	Chattanooga	TN	X	X	
Guest	Charles	Hand	Southern California Edison	Fullerton	CA			
Guest	Helmut	Heiermeier	ABB	Baden	Other	X		
Guest	Charles	Hendrickson	Arizona Public Service Company	Phoenix	AZ	X	X	
Guest	Victor	Hermosillo	Alstom Grid	Charleroi	PA			X
Guest	Jingxuan (Joanne)	Hu	RBJ Engineering Corporation	Winnipeg	MB			
Guest	Todd	Irwin	Alstom Grid Inc	Smithville	MO	X		X
Guest	Carlos	Isaac	Oncor Electric Delivery	Fort Worth	TX			
Guest	Richard	Jackson	Detroit Edison	Detroit	MI	X		X
Guest	Cory	Johnson	BPA	Brush Prairie	WA			
Guest	John	Kelly	Beureau Of Reclamation	Denver	CO			
Guest	Sandeep	Kulkarni	CG	MUMBAI	Other			X
Guest	Matthew	Lawrence	Doble Engineering	Baldwinsville	NY	X		X
Guest	Li	Liu	Eaton	Moon Township	PA	X		X
Guest	Ying	Liu	Zhejiang Titan Composite	Quzhou	Other			
Guest	Bjorn	Lofgren	Siemens Energy	Richland	MS	X	X	X
Guest	Antonio	Mannarino	PSE&G	Springfield	NJ		X	
Guest	Vincent	Marshall	Southern Company Services	Forest Park	GA	X	X	X
Guest	Ricardo	Martinez	CFE-LAPEM	IRAPUATO, GTO	GU			X
Guest	John	Marzula	Mitsubishi	Warrendale	PA			
Guest	Neil	McCord	Southern States	Hampton	GA			X
Guest	Peter	Meyer	S&C Electric Company	Chicago	IL			

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Guest	Dave	Mitchell	Dominion	Richmond	VA	X	X	X
Guest	Georges	Montillet	GFM Consulting LLC	Canonsburg	PA			
Guest	Stephanie	Montoya	Southern California Edison	los angeles	CA			
Guest	Raj	Nayar	Siemens Energy Inc.	Heber Springs	AR			
Guest	Jeffrey	Nelson	Tennessee Valley Authority	Chattanooga	TN	X	X	
Guest	Joe	Nims	Allen & Hoshall	Nashville	TN			
Guest	Mirko	Palazzo	ABB	Zurich	Other		X	
Guest	Thomas	Pellerito	Detroit Edison	Detroit	MI		X	X
Guest	Alan	Peterson	Utility Service Corporation	Huntsville	AL			X
Guest	Lise	Phan	Parcific Gas and Electric Company	Oakland	CA		X	X
Guest	Kevin	Phelps	Nashville Electric Service	Nashville	TN			
Guest	Cornelius	Plath	Omicron electronics	Klaus	Other			
Guest	Iulian	Profir	Rockwell Automation	Cambridge	AZ			X
Guest	Francis	Ricard	FirstPower Group LLC	Twinsburg	OH	X		
Guest	Jon	Rogers	Siemens Energy, Inc	richland	MS	X	X	
Guest	Roderick	Sauls	Southern Company Services	Birmingham	AL	X	X	X
Guest	Carl	Schuetz	American Transmission Company (ATC)	Waukesha	WI		X	X
Guest	Devki	Sharma	Consultant	Byram	MS		X	
Guest	Sushil	Shinde	ABB Inc.	Mt Pleasant	PA	X	X	X
Guest	Zachary	Smith	Mitsubishi Electric Power Products, Inc.	Seven Fields	PA			
Guest	Hongbiao	Song	Bechtel	Houston	TX			
Guest	Erin	Spiewak	IEEE	Piscataway	NJ		X	X
Guest	Kresimir	Starcevic	KEMA-Powertest, LLC	Chalfont	PA			
Guest	Don	Steigerwalt	Duke Energy	Charlotte	NC		X	X
Guest	Donald	Swing	Southern States, LLC	Hampton	GA	X	X	X
Guest	John	Toney	GE	Burlington	IA			
Guest	Stephen	Tyler	Dominion	Henrico	VA			
Guest	James	van de Ligt	CANA High Voltage Ltd.	Calgary	AB		X	X
Guest	Steve	Vatterott	ABB Inc.	Lake Mary	FL	X		
Guest	Richard	York	TE Connectivity	Shanghai, P.R. China	Other			
Guest	Sandeep	Zope	Volta	Houston	TX			
Corresponding M	Robert	Barnett	Tennessee Valley Authority	Chattanooga	TN			

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Corresponding M Eldridge		Byron	Schneider Electric	Smyrna	TN			
Corresponding M Doug		Edwards	Siemens Industries, Inc.	Wendell	NC			

<u>WG Participation Summary</u>	Meeting Attendance:	33	41	41
16 Members	Members:	11	13	9
82 Other	Guests:	22	28	32