

WG: C37.010 - Circuit breaker application Guide

Chair: Helmut Heiermeier

Vice Chair: Xi Zhu

Secretary: Mike Skidmore

Location: Pittsburgh, PA

Participants: (Including Chair, Vice Chair, and Secretary)

16 members

15 guests

- 1.) The meeting started with the chair introduction and introductions of the attendees. The chair asked all attendees to sign the roster and provide affiliation if not noted on the roster.
- 2.) Quorum was not met at the meeting. As a result the meeting minutes for the spring 2016 meeting are not officially approved as posted. Prior to the meeting the agenda was send out stating that nothing new needed to be discussed during the meeting. The main purpose of the meeting was to inform the Working Group (WG) about the status of the document which is currently at RevCom for approval. If there are any errors in the posted meeting minutes, please let the Chair know.
- 3.) The chair updated the committee on the status of the working group and the work performed to date. The agenda was reviewed and slides shown on a projector. The chair updated the working group on minor changes and updates since spring meeting.
- 4.) The meeting was very short. C37.010 document had 2 ballot recirculations since spring meeting. Sponsor ballot opened on 5-19-16 and closed on 5-29-16. A 10 day ballot recirculation on 8-5-16 to 8-15-10. Document is currently at RevCom and approved. No PAR extension needed. Final draft accepted by RevCom and should be published late 2016 or early 2017.
- 5.) The working group committee agreed to adjourn meeting.
- 6.) All slides provided at the meeting are included as attachments.

Meeting Roster – Pittsburgh, PA

First Name	Last Name	Role	Company	Pittsburgh, PA 10/12/2016
Mehmet	Adanur	Guest	Southern Company Services	
Syed Shahab Uddin	Ahmed	Member	Siemens Energy Inc	
Roy	Alexander	Member	RWA Engineering	
Michael	Anderson	Member	Retired	
Mauricio	Aristizabal	Member	ABB	X
Aasim	Atiq	Guest	Siemens Industry	X
Roy	Ayers	Guest	Nashville Electric Service	
Amildo	Barrio	Guest	Parsons	
George	Becker	Member	POWER Engineers	
Robert	Behl	Member	ABB	
W.J. (Bill)	Bergman	Member	PowerNex Associates Inc.	
J	Billings	Member	John S Billings Consulting	
Anne	Bosma	Member	ABB AB	X
Jeffrey	Brogdon	Guest	Georgia Transmission	
Steven	Brown	Member	Allen & Hoshall	X
Raymond	Browning	Guest	FirstEnergy Corp.	
John	Brunke	Guest	Dr. John H. Brunke, P.E.	
Arben	Bufi	Member	Hitachi T&D Solutions, Inc.	X
Eldridge	Byron	Member	Schneider Electric	
Donald	Cantrelle	Guest	Georgia Power	
Gilbert	Carmona	Member	Southern California Edison	
Stephen	Cary	Member	GE Energy Management	
David	Caverly	Guest	Trench Ltd.	X
Steven	Chen	Member	Eaton Corporation	
Vincent	Chiodo	Guest	HICO	
Chih	Chow	Member	PEPCO	X
Michael	Christian	Member	ABB	
Roggero	Ciofani	Guest	Altalink	
Lucas	Collette	Guest	Mitsubishi Electric	
Dave	Collette	Guest	Mitsubishi Electric	
Michael	Crawford	Guest	Mitsubishi Electric	
Jason	Cunningham	Guest	Hitachi HVB, Inc.	
David	Dart	Guest	NOJAPower	
Jerod	Day	Guest	Vacuum Interrupters, Inc.	
Patrick	Di Lillo	Member	Consolidated Edison Co. of NY, Inc.	
Denis	Dufournet	Member	Retired	X
Edgar	Dullni	Member	ABB	
Carolyn	Durham	Guest	Entergy	

Bernie	Dwyer	Guest	PECO	
John	Eastman	Member	INCON	
Ken	Edwards	Member	Bonneville Power Administration	X
Tanner	Esco	Guest	Eaton Corporation	X
Leslie	Falkingham	Member	Vacuum Interrupters Limited	
Howard	Fennell	Guest	Nashville Electric Service	
Thomas	Field	Member	Energy	
Lori	Fish	Guest	Entergy	
Sergio	Flores	Guest	Schneider Electric Inc. USA	
Robert	Foster	Guest	Megger	X
Paul	Fox	Guest	Schneider Electric	
Douglas	Giraud	Guest	Powell Electrical Systems	
John	Hall	Guest	Tennessee Valley Authority	
Daryl	Hallmark	Guest	Southern Company Services	
John	Harley	Guest	FirstPower Group LLC	
Helmut	Heiermeier	Chair	ABB	X
Christian	Heinrich	Guest	Siemens AG	
Charles	Hendrickson	Guest	Arizona Public Service Company	
Jeremy	Hensberger	Guest	Mitsubishi Electric Power Products Inc.	
Victor	Hermosillo	Member	GE Grid Solutions	X
Alexander	Hoover	Guest	Siemens Industry	X
Jingxuan (Joanne)	Hu	Guest	RBJ Engineering Corporation	
Roy	Hutchins	Guest	Southern Company Services	X
Todd	Irwin	Member	GE Grid Solutions	
Richard	Jackson	Member	Detroit Edison	
Anton	Janssen	Guest	Liander	
Joseph	Jasinski	Guest	ITC Holdings Corp.	X
Cory	Johnson	Member	BPA	
Wolfgang	Jung	Guest	Siemens AG	
Jayamali	Kasige	Guest	Crown Technical Systems	
Thomas	Keels	Guest	Salt River Project	
Amir	Khosravi	Guest	BC Hydro	
Carl	Kurinko	Guest	ABB Inc.	
Stephen	Lambert	Member	Shawnee Power Consulting, LLC	
Scott	Lanning	Guest	S&C Electric	X
Carl	LaPlace	Guest	GE Industrial Solutions	
Matthew	Lawrence	Guest	Doble Engineering	
HaeKyu	Lee	Guest	HICO America	
David	Lemmerman	Guest	PECO/Exelon	
Werner	Lesse	Guest	Siemens AG	
Wangpei	Li	Guest	Eaton	
Qian	Li	Guest	Powertech Labs INC.	

Hua Ying	Liu	Member	Southern California Edison	X
Albert	Livshitz	Member	CE Power Solutions	
Russell	Long	Member	Retired	
Jess	Mains	Guest	ABB Inc	
Antonio	Mannarino	Guest	PSE&G	
Vincent	Marshall	Guest	Southern Company Services	
Gary	Martin	Member	Entergy	X
Ricardo	Martinez	Guest	CFE-LAPEM	
Peter	Marzec	Guest	S&C Electric Co.	
John	Marzula	Guest	Mitsubishi	
Joel	Mathewson	Guest	Siemens	
Frank	Mayle	Member	Technibus, Inc.	
Deepak	Mazumdar	Guest	Central Electric Manufacturing Co.	
James	McBride	Guest	JMX Services, Inc.	X
John	McClelland	Guest	Technibus	
Neil	McCord	Guest	Southern States	
Timothy	McGee	Guest	Siemens Energy	
Dave	Mitchell	Member	Dominion	
Oscar	Montano	Guest	Salt River Project	
Georges	Montillet	Member	GFM Consulting LLC	
Stephanie	Montoya	Member	Southern California Edison	
Tom	Mulcahy	Member	Dominion Virginia Power	
Volney	Naranjo	Guest	GERS USA	
Jeffrey	Nelson	Member	Tennessee Valley Authority	
Joe	Nims	Guest	Allen & Hoshall	
Miklos	Orosz	Guest	Schneider Electric	
Mirko	Palazzo	Member	ABB	
Amit	Patel	Guest	GE	
Shawn	Patterson	Member	US Bureau of Reclamation	
Thomas	Pellerito	Member	DTE Energy	X
Alan	Peterson	Guest	Utility Service Corporation	
Andrew	Peterson	Guest	ABB	
Lise	Phan	Member	Parcific Gas and Electric Company	
Zachary	Pintado	Guest	Entergy	
Anton	Poeltl	Guest	ABB	X
Iulian	Profir	Guest	Rockwell Automation	
Ahmad	Qasem	Guest	Bechtel	
Syed	Rahman	Guest	The United Illuminating Company	
Reynaldo	Ramos	Member	Southern Company	
Samala Santosh	Reddy	Guest	Powell Industries	X
Frank	Ricard	Guest	FirstPower Group LLC	
Anthony	Ricciuti	Member	Eaton Corporation	
Dave	Riffe	Guest	Westinghouse Electric Company	
Julian	Rizo	Guest	Xcel Energy	

Brian	Roberts	Guest	Southern States, LLC	
Jon	Rogers	Member	Siemens Energy, Inc	
Ian	Rokser	Guest	Eaton Corp	
Ben	Rosenkrans	Guest	Eaton Corporation	
Charles	Ross	Member	PGH Wong Engineering	
Roderick	Sauls	Member	Southern Company Services	
Robert	Sazanowicz	Guest	The United Illuminating Company	
Daniel	Schiffbauer	Guest	Toshiba International Corporation	X
Carl	Schuetz	Member	American Transmission Company (ATC)	X
Jon	Schumann	Member	American Transmission Company	
Mike	Seabrook	Guest	GE	
Devki	Sharma	Member	Consultant	
Harish	Sharma	Guest	Southern Company	
Sushil	Shinde	Member	ABB Inc.	X
John	Shullaw	Guest	Retired	
Sunita	Singh	Guest	Bechtel OG&C	
Michael	Skidmore	Secretary	AEP	X
Robert	Smith	Guest	Retired	X
Zachary	Smith	Member	Mitsubishi Electric Power Products, Inc.	
Erin	Spiewak	Guest	IEEE	
James	Stacy	Guest	Schneider Electric	
Kresimir	Starcevic	Guest	DNV GL KEMA Laboratories	
Don	Steigerwalt	Member	Duke Energy	
David	Stone	Guest	DTS Technical Services	
Donald	Swing	Guest	Powell Industries	
Chand	Tailor	Guest	Eaton Corporation	
Humayun	Tariq	Guest	American Electric Power	
Jey	Thayalan	Guest	Schneider Electric	
Vernon	Toups	Guest	Siemens	
Stephen	Tyler	Guest	Dominion	
James	van de Ligt	Member	CANA High Voltage Ltd.	
Steve	Vatterott	Guest	ABB Inc.	
John	Webb	Member	ABB	
Casey	Weeks	Guest	Siemens Energy	X
Jan	Weisker	Member	Siemens AG	
Jerry	Wen	Guest	BC Hydro	X
Matthew	Williford	Guest	Schneider Electric	
Barnes	Wilson	Guest	Avista Utilities	
Terry	Woodyard	Guest	Siemens Industry Inc.	
Oon	Yek	Guest	Pacific Gas & Electric	
Dong Sun	Yoon	Guest	HICO America	
Richard	york	Guest	MEPPI	

Jiong	Zhang	Member	MEPPI	
Wei	Zhang	Guest	Hitachi HVB, Inc.	
Xi	Zhu	Vice-Chair	GE Energy Management	X

“X” - individual was at the meeting in Pittsburgh, PA