

**C37.20.9 Working Group**  
**MINUTES OF THE FALL 2016 MEETING**

Station Square, Pittsburgh, PA  
October 12, 2016

The meeting called to order by Chair, Eldridge Byron at 8:00 on October 12, 2016.

**Attendance**

Quorum: 35 total WG members present of 63 total WG members, thus Quorum was met (54%).  
23 guests participated.

Membership and attendance status will be updated in AMS system.

- =====
- 1) Approval of Meeting Agenda  
The goal for this 10/12/2016 meeting is to review the straw man dispositions in anticipation of going out for ballot by the end of the year. The ballot group formation process is already in process.  
Agenda was reviewed and approved by consensus.
  - 2) Patent Slides  
No issues – Slides were approved via registrations to the Conference.
  - 3) Introduction of members and guests – Completed
  - 4) Minutes  
Minutes from Spring 2016 Hilton Head, SC meeting – No issues
  - 5) Document Review  
Draft C37.20.9-D2 was reviewed.
  - 6) Action Items / Schedule
    - a) Chair to schedule meeting at UL for straw man task force to review comments in November 29-30
    - b) Chair to complete formation of ballot group in December
    - c) Doug Edwards to provide outcome of visible break investigation at straw man meeting
    - d) Doug Edwards made a motion to allow the document to go to ballot without another meeting after straw man task force review. Carl Schneider seconded the motion. The motion was carried by consensus of the group.
    - e) Chair to create draft before December end for balloting after task force group meeting
  - 7) Adjourn  
Meeting adjourned at 12:00.

Reported by:

Terrance Woodyard  
Secretary C37.20.9  
E: Mr.Terrance.Woodyard@IEEE.org

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Attendance record and as recorded in the AMS system:

Last Name	First Name	Company	Membership	10/12/2016
<b>Members</b>				
Baeuml	Katrin	Schneider Electric		
Ball	Chuck	S&C Electric		
Barnhart	Paul	UL		X
Becker	George	Power Engineers	Vice	X
Becker	Michael	ENMAX (Alberta)		
Berenguela	Diego	Goggle		
Bolin	Phil	Mitsubishi Electric		
Boyce	Russell	Eaton		X
Brunke	John	Power Engineers		
Burse	Ted	Powell Industries		X
Byron	Eldridge	Schneider Electric	Chair	X
Chiodo	Vincent	HICO (Hyosung)		X
Chow	Chih	Pepco		
Colesanti	Michael			
Dillilo	Patrick	Con Edison		X
Dullni	Edgar	ABB		
Edwards	Doug	Siemens		X
Elliott	Donald	ABB		X
Ette	Markos	ABB		
Foster	Robert	Megger		X
Giegel	Dave	Mitsubishi Electric		
Giraud	Douglas	Powell Industries		X
Glaesman	Peter	GE		X
Gohil	Sahadev	Central Electric		X
Hines	Jared	Eaton		
Hopper	Warren	Weyerhaeuser		
Jacobs	Allan	ABB		
Joseph	Jacob	Toshiba		
Koch	Hermann	Siemens		
Li	Wangpei	Eaton		
Liu	Hua			
Livshitz	Albert	CE Power Solutions		X
Martinez	Ricardo	CFE (Mexico)		
Mazumdar	Deepak	Central Electric		
Meiners	Steven	GE		
Mitchell	Dave	Dominion Power		X
Mulcahy	Tom	Dominion Power		X
Olsen	Ted	Siemens		X
Orosz	Miklos	Schneider Electric		
Patel	Amit	GE		
Rothlisberger	Lukas	Dilo		
Scharf	Scott	TVA	co-Secretary	
Schneider	Carl	Schneider Electric		X
Sharma	Devki	Entergy Corp		
Shullaw	John	GE		
Skidmore	Michael	AEP		
Tailor	Chand	Eaton		X
Wilkie	Eddie	Eaton		

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Woodyard	Terrance	Siemens	co-Secretary	X
Zhu	Xi	GE		
<b>Guest List</b>				
Adigwo	John Paul	Souther California Edison		
Aviles	Andres	CE Power Solutions		
Arora	Arun	Consultant		
Beseda	David	S&C Electric		X
Biasse	Jean-Marc	Schneider Electric		X
Boadi	Kofi	Pepco		
Bowen	Jim			
Boggers	john	ABB		
Byard	Jonathan	Siemens		
Cary	Stephen	GE		X
Chiodo	Vince	HICO (Hyosung)		
Cho	Jeong Hwan	HICO (Hyosung)		
Connor	Larry	Eaton		
Crockett	Edward	Sargent & Lundy		
Cruz	Leonardo	Seimens		
Dhara	Ravi	ABB		
Dickerman	Larry	DNV GL - KEMA		
Dilillo	Pat	Con Edison		
Earl	Jerry	ABB		
Eastman	John	Franklin Fuelin		
Elliott	Donald	ABB		
Emling	Steve	MEPPI		
Emma	Christine	ABB		
Ette	Markus	ABB		
Fulicron	Didier	Schneider Electric		
Flores	Sergio	Schneider Electric		X
Fox	Paul	Schneider Electric		
Fujimoto	Noboru	Kinectrics		
Giegel	Dave	Mitsubishi Electric		
Gingrich	Paul	AZZ Switchgear Systems		
Good	Anne	Net Shape Manf		
Gonzales	Paulo	GE Grid Solutions		
Grossmann	Peter	Siemens		
Hand	Charles			
Hanson	Jeffrey	Schneider Electric		
Harley	Jack	First Power Group		
Hartzel	Ron	Eaton		X
Hendriderson	Charles	AZ Public Service Co		
Higinbotham	William	EA Technology		
Hines	Jared	Eaton		
Hmeir	Don	Eaton		
Hutchins	Roy			
Jarque	Jose	AZZ/Central Electric		X
Jimmark	Kim	HICO (Hyosung)		
Jones	Ricard	Techs Corp		
Jung	Wolfgang	Siemens		X
Jur	Art	Eaton		
Kennedy	Chad	Schneider Electric		
Khan	Murtaza			

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Khosravi	Amir	BC Hydro	
Kohler	Thomas		
Lafond	Mike	GE	X
Lee	Shawn	HICO (Hyosung)	
Lemmerman	David	Peco Energy (Philly)	
Leufkens	Paul	Power Projects Leufkens	X
Lim	Antonio	American Electric Power	
Mayle	Frank	Technibus, Inc	
Marquez	Jorge	Burns & McDonnell	
Martin	Gary	Entergy	X
McClelland	John	Technibus, Inc	X
Meiners	Steven	GE	X
Meyer	Pete	S&C Electric	
Minisandram	Venkatash	National Grid	
Munn	William	Southern Companies	
Naranjo	Volney	Megger	
Neighboros	Terry	ABB	
Novev	Michael	Butus McDonnell	
Ozsokmen	Volkan		
Parsi	Sean	Kinectrics	
Pawar	Rahul	ABB	X
Pintad	Zachary	Entergy	
Qasem	Ahmat	Bechtel	X
Raj	Nayer	Siemens	
Rajnay	Steven	GE Grid Solutions	
Riffe	David	Westinghouse	
Rizo	Julian	Xcel Energy	X
Roha	Richard	Powell Industries	X
Rohrer	Tim	Exiscan	
Rorabaugh	Jesse	Southern Calif Edison	
Rosenkrans	Ben	Eaton	
Rowell	Amy	Eaton	
Samanta	Pravakar	ABB	
Sauls	Rod	Southern Companies	
Seccombe	Andy		
Sharifi	Behzad	ABB	
Song	Hongbiao	GE	
Shullaw	John	GE - RETIRED	
Sigmon	Dean	Eaton	X
Sims	Garret		
Slattery	Christopher	First Energy	
Smith	James		
Sozonowicz	Robert		
Siplin	Dorothy	Tgood	
Stacy	James	Schneider Electric	
Stone	Ryan		
Stromberg	Kyle	G&W	
Sullivan	Paul	Dupont	
Swing	Donald		
Thayalan	Jey	Schneider Electric	
Tobin	Tom	S&C Electric	
Torres	Jean-Marc	Kinectrics	

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Trost	Karla	G&W	
Wactor	Michael	Powell Industries	
Warren	Robert	DNV GL - KEMA	X
Wei	Zhang	Hitachi	
Wen	Jerry	BC Hydro	
Whitney	Michael	S&C Electric	X
Williford	Matt	Schneider Electric	
Wood	Kevin	Souther California Edison	
Yaldhall	Ed	Ormazabal	X
Yoom	Dongsum	HICO (Hyosung)	
Zai	Kai	ABB	
Cohn	Bob	Powercon	
Oliveres	Roberto	Siemens	X
<b>Other Parties</b>			
Spiewak	Erin		
Solhtalab	Dave		
Smith	James	Verizon	X
Vonfeldt	Nick	Ameren UE	X
Newton	Chuck	Newton-Evans Research	X
Calatayud	Richard	ABB	X
Door	Jeff	H-J	X
Leccia	Brad	Eaton	X
Frye	Richard	Eaton	X
Brandt	Douglas	Eaton	X
Holp	Tyler	Eaton	X
Ashtekar	Kaustbh	Eaton	X
<b>One time Attendees</b>			
Ciofani	Roggero		
Davis	Larry		
Ficheux	Arnaud		
Finley	Austin		
Fitzgerald	Patrick		
Parthasarathi	Raghunath		
Song	Hongbiao		
Sims	Daniel	Eaton	
Jain	Rahul	S&C Electric	X
Venne	Bruce	Rockwell Automation	X
Mayle	Frank	Technibus	X
Bonner	Antone	Eaton	X
Hrncir	Daniel	Eaton	X
Rokser	Ian	Eaton	X