

**IEEE PES SWITCHGEAR COMMITTEE
MAIN COMMITTEE BUSINESS MEETING AGENDA
Thursday, October 20, 2022
10:00 AM – 12:00 PM (EST)**

Item	Description	Presenter
1	Call Meeting to Order <i>Keith Flowers, switchgear committee chair, called the meeting to order at 9:03am.</i>	Keith Flowers – Chair
2	Attendance and Quorum Check <i>Quorum was verified before the meeting began. Total attendance was 113, of which 61 were members. All participants introduced themselves aloud along with their affiliations.</i>	Donnie Swing - Secretary
3	Agenda Review and Approval <i>An agenda for this meeting was sent via email to interested participants on September 1st. While no substantive changes were made regarding action items, the agenda was revised to account for the absences of some reporters.</i> <i>A motion by Ron Hartzel to approve the minutes was seconded by Jeff Ward. With no discussion or objections, the motion carried.</i>	Keith Flowers
4	Approval of Spring 2022 Meeting Minutes <i>A motion by Bob Cohn to approve the minutes was seconded by Mike Wactor. With no discussion or objections, the motion carried.</i>	Keith Flowers
5	Thank You to Our Fall 2022 Supporters!!!!	
6	Chairman's Report <i>Main Committee Officers are rotating this year. John Webb stepping into the rotation. Todd Irwin is rotating all the way out after nine years of committee officer service. He will continue to serve in the marketing coordinator role</i> <i>Please continue to hold interim virtual meetings, they have helped tremendously.</i>	Keith Flowers
7	Switchgear Committee Financial Report <i>Donnie Swing reported that the committee is financially healthy. Disney-area venues are traditionally expensive, but thanks to our supporters we were able to sustain the burden.</i>	Donnie Swing
8	Standards Coordinator's Report <i>This was Mike Wactor's last meeting serving as Standards Coordinator for the switchgear committee. We would like to thank Mike for his many years of service.</i> <i>See attached Standards Coordinator's Report.</i>	Michael Wactor
9	Technical Committee Program Coordinator (TCPC) <i>Kevin Sippel advised that the TCPC site has been suffering issues, so delayed response to paper submittal has been occurring. The switchgear committee had one submission to the PES general meeting approved but no poster sessions. A call was issued for paper submittals for presentation at the 2023 PES general meeting in summer 2023.</i>	Kevin Sippel

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10	Registrar's Report	Jeremy Hensberger
	<i>See attached report.</i>	
<u>Subcommittee Reports</u>		
11	Administrative (ADSCOM)	Donnie Swing
	<i>Nothing to report. See ADSCOM meeting minutes for more details.</i>	
12	Education, Recognition & Publications (ERP)	Nenad Uzelac
	<i>Nenad Uzelac reported that the group met with 11 members in attendance. Although an agenda was distributed in the weeks prior, the session did not adhere to agenda. Focus was instead placed on methods to increase conference attendance, encourage mentorship within the committee, and ways to offer education opportunities at our conferences. An online meeting will be held at a later date to go through the agenda as was originally planned. Devki Sharma was elevated to honorary member status.</i>	
13	High Voltage Fuses (HVF)	Sterlin Cochran
	<i>Sterlin Cochran reported that the group met with 11 members present. A total of four (4) meetings were held during the week in the effort to combine C37.41 and C37.42. See HVF meeting minutes for more details.</i>	
14	High Voltage Switches (HVS)	Brett Boles
	<i>Brett Boles reported that the group met with 7 of 14 members present. C37.30.1 is at RevCom, and C37.30.6 is in the early stages of ballot. The working group for C37.30.7 identified a possible scope overlap with C37.14, and the chair is working to resolve this. Working groups for C37.30.3 and C37.30.4 are beginning to be assembled. See HVS meeting minutes for more details.</i>	
15	High Voltage Circuit Breakers (HVCB)	Carl Schuetz
	<i>Carl Schuetz reported that the group met with 34 of 55 members present. The working group for C37.10 will be submitting a PAR revision after voting affirmatively to change the document to a recommended practice. Neil Hutchins announced that he has accepted a new role within his company, and that he will not be able to attend switchgear committee meetings after this session. Thus, he is stepping down as chair for the C37.10 working group. Todd Irwin, secretary for C37.10, has accepted the opportunity to step in as chair for Neil, and Jeff Ward will replace Todd as secretary. Thank you, Neil, for your years of service to the switchgear committee. A C37.15 PAR Study Group will begin work in the spring of 2023 and will be chaired by Mike Crawford. Carl reported that seven HVCB standards are set to expire at the end 2028, so a plan has been devised to begin work early on some of those documents so as to prevent overload and establish staggered revision cycles. See HVCB meeting minutes for more details.</i>	
16	Low Voltage Switchgear Devices (LVSD)	Dan Hrcir
	<i>Dan Hrcir reported that the group met with 17 of 23 members present. All five LVSD documents are in some phase of revision. The PAR for C37.14 being revised again. A PAR Study Group has formed for the next revision of C37.17 even though the document is in RevCom now. Dan will be rotating out as LVSD chair at the end of the year, and Jeff Mizener will be stepping in for him with Lou Grahor coming in as secretary. See LVSD minutes for more details.</i>	

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17	Reclosers and Other Distribution Equipment (RODE)	Travis Johnson
	<p><i>Travis Johnson reported that the group met with 18 of 25 members present. The working group for C37.63 held several virtual meetings and is expected to be complete by end of 2023. The working groups for C37.74 and C37.75 resolved comments during their respective sessions. A PAR study group was formed to look into opening C37.60, an IEEE-IEC dual logo standard for reclosers, for revision.</i></p> <p><i>See RODE meeting minutes for more details.</i></p>	
18	Switchgear Assemblies (SA)	Darryl Moser
	<p><i>Darryl Moser reported that the SA group met with a quorum present. Nine of the 14 SA documents are currently in revision. C37.20.2 is complete, and the working group has been disbanded. The working group for C37.20.7 will be submitting a PAR revision to change the document from a guide to a recommended practice.</i></p> <p><i>See SA meeting minutes for more details.</i></p>	
19	Technology and Innovation Subcommittee (TI)	Alex Cochran
	<p><i>Alex Cochran reported that the group met with 31 total attendees of which nine were members. Alex recently rotated in as chair to replace Nenad Uzelac. The task force on 200% open gap testing plans to issue a survey to utilities.</i></p> <p><i>See T&I meeting minutes for more details.</i></p>	
<u>Liaison Reports</u>		
20	Accredited Standards Committee C37	John Webb
	<p><i>See attached ASC C37 report.</i></p>	
21	Short Circuit Test Liaison of the Nations of the Americas (STLNA)	Victor Savulyak
	<p><i>Victor Savulyak reported that the group met with 13 total attendees which included seven members. next meeting is online in November. new discussions regarding 27kV and 38kV testing ratings and test requirements found in C37.04 and C37.09. 62271-100 allows TRV to be slower which may result in additional statements in C37.04 and/or C37.09.</i></p> <p><i>See STLNA Liaison report for more details.</i></p>	
22	CIGRÉ	Nenad Uzelac
	<p><i>Nenad Uzelac reported that there were 3,700 participants in recent Paris meeting. Nenad advised that the next meeting in Paris in two years will occur very near the 2024 Olympic games, so please book as soon as possible if you plan to attend.</i></p>	
<u>Old Business</u>		
23	MemberPlanet Update	Keith Flowers
	<p><i>As a reminder, 123signup became unavailable several years ago. MemberPlanet will contain the ability for messaging within and across working groups as well as technical committees. The PES version of this product is still currently in development, and the current projection is that it may be ready for launch by late 2023. Keith Flowers, Doug Edwards, and Jeremy Hensberger are part of the PES integration team. There is still uncertainty as to if the information from the 123signup database will be able to be retrieved.</i></p>	
<u>New Business</u>		
24	Quorum Verification	Donnie Swing
	<p><i>Quorum was verified before the meeting began.</i></p>	
25	Procedural Revisions	Keith Flowers

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	<ul style="list-style-type: none"> • <i>Switchgear Committee Policies and Procedures Manual</i> <ul style="list-style-type: none"> ○ <i>Sent out to members several weeks ago</i> ○ <i>Meeting was held on Monday with only minor revisions made.</i> ○ <i>Our P&P is due to AudCom</i> <ul style="list-style-type: none"> ▪ <i>A motion by Terry Woodyard to approve the P&P document was seconded by Mike Lafond. No objections or discussion. Approved by consent.</i> • <i>Switchgear Committee Organization and Procedures Manual</i> <ul style="list-style-type: none"> ○ <i>Sent out to MC members several weeks ago</i> ○ <i>Included EPAG</i> ○ <i>Rolled into new O&P template from PES technical council</i> <ul style="list-style-type: none"> ▪ <i>After discovering that a mixture of types existed ranging from two pages to over 20, PES decided that a template was necessary.</i> ○ <i>Meeting was held on Monday with only minor revisions made.</i> ○ <i>A motion by Jeff Ward to approve the document was seconded by Terry Woodyard. Question was raised whether any comments were received during the electronic balloting process. Keith Flowers replied that all comments were discussed at the meeting held on Monday with no adverse effect to the document. No further discussion. Approved by consent.</i> 	
26	<p>Volunteer Search</p> <p><i>We need volunteers! We have many documents that need attention, so please reach out and get involved.</i></p>	Keith Flowers
27	<p>Future PES Meetings of Interest</p> <p><i>Refer to: https://www.ieee-pes.org/meetings-and-conferences/conference-calendar</i></p>	Keith Flowers
28	<p>Future Switchgear Committee Meetings</p> <ul style="list-style-type: none"> • <i>Spring 2023 (April 16 – 20), Sheraton Sand Key, Clearwater Beach, FL</i> • <i>Fall 2023 (October 08 – 13), Catamaran Resort, San Diego, CA</i> 	Keith Flowers
29	<p>Adjourn</p> <p><i>Meeting was adjourned at 11:09am upon completion of the agenda.</i></p>	Keith Flowers

Attendance:

Role	Last Name, First Name	Company	F22
Chair	Flowers, Keith	Siemens Industry, Inc.	X
Vice-Chair	Edwards, Doug	Siemens Industry, Inc.	
Secretary	Swing, Donald	Powell Industries	X
Past Chair	Burse, Ted	Powell Industries, Inc	X
Past Chair	Irwin, Todd	GE Grid Solutions	
Past Chair	Sigmon, Dean	Eaton Corporation	
Past Chair	Sullivan, Paul	DuPont	
Member	Ambrose, Chris	Federal Pacific (Div. of Electro-Mechanical Corp.)	X
Member	Barnhart, Paul	Underwriters Laboratories	X
Member	Blake, Jacob	Hubbell Power Systems	

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Member	Boles, Brett	Southern Company	X
Member	Borck, Christopher	Eaton's Power Systems Division	X
Member	Bosma, Anne	Hitachi Energy	
Member	Boyce, Russell	Eaton	X
Member	Bufi, Arben	Meiden America Switchgear, Inc.	X
Member	Byron, Eldridge	Schneider Electric	
Member	Carne, Clint	Schneider Electric	X
Member	Caverly, David	Trench Ltd.	
Member	Chen, Steven	Eaton Corporation	X
Member	Cochran, Alex	JST Power	X
Member	Cochran, Sterlin	Oak & Shield LLC	X
Member	Cohn, Robert	Powercon Corp.	X
Member	Dhawan, Anil	ComEd	X
Member	Darko, Kennedy	G&W Electric Co	X
Member	Di Lillo, Patrick	Consolidated Edison Co. of NY, Inc.	X
Member	Dunne, David	Schneider Electric	
Member	Flores, Sergio	Schneider Electric Inc. USA	X
Member	Gingrich, Paul	AZZ Switchgear Systems	
Member	Gohil, Sahadev	AZZ Switchgear Systems	X
Member	Grahor, Lou	Eaton Corporation	X
Member	Hall, John	Tennessee Valley Authority	
Member	Harley, John	FirstPower Group LLC	X
Member	Hartzel, Ronald	Eaton Corporation	X
Member	Hawkins, Tom	Siemens Industry, Inc.	X
Member	Haynes, Gary	ABB Inc.	X
Member	Hensberger, Jeremy	MEPPI	X
Member	Hermosillo, Victor	GE Grid Solutions	X
Member	Hines, Jared	Eaton Corp.	X
Member	Hoss, Danny	Southern States	
Member	Houston, James	Southern Company Transmission	
Member	Hrcir, Dan	Eaton	X
Member	Hunter, Jennifer	MEPPI	X
Member	Hurst, Bill	GE	
Member	Hutchins, Neil	Georgia Power Company	X
Member	Jarnigan, Christopher	Southern Company Services	X
Member	Johnson, Travis	Xcel Energy	X
Member	Kaminski, John	Siemens	X
Member	Keels, Thomas	kEElectric Engineering	
Member	Khosravi, Amir	BC Hydro	X
Member	Lafond, Michael	ABB	
Member	Liu, Hua Ying	Southern California Edison	

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Member	Livshitz, Albert	CE Power Engineered Services	X
Member	Martin, Donald	G&W Electric Co.	X
Member	McCord, Neil	KEC Precision	X
Member	Mizener, Jeff	Siemens Industry, Inc.	X
Member	Moser, Darryl	ABB	X
Member	Neighbours, Terry	ABB Inc.	X
Member	Parks, Owen	ABB	X
Member	Pellerito, Thomas	DTE Energy	
Member	Phouminh, John	PEPCO HOLDINGS, INC.	
Member	Reigart, Carl	CDR Technical Services, LLC	
Member	Ricciuti, Anthony	Eaton Corporation	X
Member	Riley, Caryn	Georgia Tech/NEETRAC	X
Member	Rohr, Richard	Powell Electrical Systems	
Member	Rokser, Ian	Eaton Corp	X
Member	Schiffbauer, Daniel	Toshiba International Corporation	X
Member	Schneider, Carl	Schneider Electric	X
Member	Schuetz, Carl	American Transmission Company (ATC)	X
Member	Sharma, Devki	Entergy	
Member	Shinde, Sushil	Hitachi ABB Power Grids	
Member	Sippel, Kevin	Eaton Electric	X
Member	Skidmore, Michael	AEP	X
Member	Soulard, Francois	Hydro-Quebec	X
Member	Taylor, Chand	Eaton Corporation	
Member	Trost, Karla	G&W Electric	X
Member	Uzelac, Nenad	G&W Electric	
Member	Wactor, Michael	Powell Industries, Inc	X
Member	Walter, William	We-Energies	
Member	Ward, Jeffrey	Doble Engineering Company	X
Member	Webb, John	ABB	X
Member	Wenzel, James	Eaton	X
Member	Woodyard, Terrance	Siemens Industry Inc.	X
Member	York, Richard	MEPPI	X
Member	Zhang, Wei	Hitachi T&D Solutions, Inc.	
Honorary Member	DeCesaro, Frank	DeCesaro Consulting Services	X
Honorary Member	Leach, John	Consultant	X
Honorary Member	Mitchell, Dave	Mitch and Associates	X
Honorary Member	Smith, Robert	Retired	X
Guest	Ashtekar, Koustubh	JST Power Equipment	X
Guest	Bannink, Harm	G&W Electric	X
Guest	Becker, George	POWER Engineers Inc.	X
Guest	Beseda, David	S&C Electric Co.	X

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Guest	Burns, Robert	Eaton	X
Guest	Byreddy, Sudarshan	Burns & McDonnell	X
Guest	Christian, Michael	ABB	X
Guest	Collette, Lucas	Duquesne Light	X
Guest	Crawford, Michael	Mitsubishi Electric	X
Guest	Creach, Randall	AZZ Switchgear Systems	X
Guest	Cunningham, Jason	Southern States, LLC	X
Guest	Deng, John	BC Hydro	X
Guest	Diallo, Boubacar	Southern States LLC	X
Guest	Doroz, Arkadiusz		X
Guest	Ekpoudom, Chris	Southern States LLC	X
Guest	Fleming, Brennan	Hubbell Power Systems	X
Guest	Glaesman, Peter	PCORE Electric Company, Inc.	X
Guest	Hanna, Robert	JST Power Equipment	X
Guest	Hardy, Erin	Eaton	X
Guest	Hastreiter, Christopher	Eaton	X
Guest	Hollander, Jason	CHA Consulting	X
Guest	Jensen, Darin	Meiden America Switchgear, Inc.	X
Guest	Kandel, Jackie	Powell Electrical Systems	X
Guest	Kurinko, Carl	Hitachi	X
Guest	Lopez, Adrian	Powell Industries	X
Guest	Lopez, Leo	WIKA Instrument, LP	X
Guest	Mapp, Peter	GE	X
Guest	Masterson, Paul	Meiden America Switchgear, Inc.	X
Guest	May, Steven	Southern Company	X
Guest	McGlown, Kevin	JST Power Equipment	X
Guest	Orosz, Miklos	Schneider Electric	X
Guest	Pal, Sumitabha	Schneider Electric	X
Guest	Rakus, Paul	Eaton	X
Guest	Ranjan, Rakesh	Esgee Technologies	X
Guest	Rexroad, Aaron	Meiden America Switchgear, Inc.	X
Guest	Ricker, Jeffery	Schneider Electric	X
Guest	Saleem, Wahaj	Siemens	X
Guest	Santos, Leonel	Schneider Electric	X
Guest	Santulli, Jen	IEEE Standards Association (IEEE-SA)	X
Guest	Savulyak, Victor	DNV GL KEMA Laboratory	X
Guest	Sims, Garrett	Eaton Corp.	X
Guest	Solanki, Lokeshkumar		X
Guest	Sullivan, Dustin	Hubbell Power Systems	X
Guest	Thomas, Christo	Schneider Electric	X
Guest	Thompson, Truett	Siemens	X

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Guest	Walgenbach, Jacob	Siemens	X
Guest	Wear, Jonathan	JST Power Equipment	X
Guest	Wilkie, William	Eaton	X
Guest	Wolfe, Dan	MEPPI	X
Guest	Worthington, Charles	Hubbell Power Systems	X
Guest	Zia, Danish	UL LLC	X