

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Item	Description	Presenter
1	Call Meeting to Order	Donnie Swing
	<i>Called to Order by Donnie Swing at 8:01am. The subcommittee chair, Doug Edwards, was unable to attend due to illness.</i>	
2	Introduction of Members & Guests	Donnie Swing
	<i>Members and guests introduced themselves and their affiliations aloud. There were 54 total in attendance.</i>	
3	Roll Call & Quorum Check	Donnie Swing
	<i>A quorum of 14 members was present and verified before the meeting began.</i>	
4	Agenda Review and Approval	Donnie Swing
	<i>An agenda for this meeting was sent via email to interested participants on September 1st. While no substantive changes were made, the agenda was revised to account for the absences of some reporters. A motion by Carl Scheutz to approve the revised agenda was seconded by Mike Wactor. There was no discussion or objection, and the agenda was approved by unanimous consent.</i>	
5	Approval of Spring 2022 AdsCom Minutes	Donnie Swing
	<i>A motion by Carl Scheutz to approve the minutes from the spring 2022 meeting was seconded by Keith Flowers. There was no discussion or objection, and the minutes were approved by unanimous consent.</i>	
<u>Requests to ADSCOM</u>		
6	Education, Recognition & Publications (ERP)	Nenad Uzelac
	<i>No Requests to AdsCom.</i>	
7	High Voltage Fuses (HVF)	Sterlin Cochran
	<i>No Requests to AdsCom.</i>	
8	High Voltage Switches (HVS)	Brett Boles
	<i>The working group for C37.30.7 is looking into a possible scope overlap with C37.14. A PAR revision may be necessary. No Requests to AdsCom.</i>	
9	High Voltage Circuit Breakers (HVCB)	Carl Schuetz
	<i>No Requests to AdsCom.</i>	
10	Low Voltage Switchgear Devices (LVSD)	Dan Hrcir
	<i>No Requests to AdsCom.</i>	
11	Reclosers and Other Distribution Equipment (RODE)	Travis Johnson
	<i>No Requests to AdsCom.</i>	
12	Switchgear Assemblies (SA)	Darryl Moser
	<i>The working group for C37.20.7 has voted to change the document from a Guide to a Recommended Practice. An informational discussion took place regarding the need to revise a PAR if "No Copyright" was originally selected but it is later learned that copyright is required. Jennifer Santulli of IEEE-SA advised that the request may be added without formal PAR revision. No requests to AdsCom.</i>	

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Item	Description	Presenter
13	Technology and Innovation Subcommittee (TI)	Alex Cochran
<p><i>Alex Cochran requested permission to revise two technical reports that were originally published under AdsCom. Permission for both requests was granted, and it was confirmed that both reports now lie within the purview of T&I.</i></p>		
14	Standards Coordinator Report	Michael Wactor
<p><i>Observed that an increasing number of documents are moving into inactive status due to exceeding the maximum 10 year limit.</i></p> <p><i>Expiring documents:</i></p> <p><i>HVCB – 62271-37-082 (Joint with IEC, reaffirmation is anticipated)</i></p> <p><i>LVSD – C37.17 – currently on RevCom agenda</i></p> <p><i>HVS – C37.30.1 – currently on RevCom agenda; C37.30.23 PAR extension; C37.100.7 – PAR Extension.</i></p> <p><i>An informational discussion took place regarding “Inactive-Reserved” status of standards documents. Jennifer Santulli of IEEE-SA indicated that inactive status could be taken as meaning the technical content is out of date. She further advised that ANSI accreditation is only valid for ten years, so while a document with “Inactive-Reserved” status can still be purchased and referenced, it has lost its ANSI compatibility. In some organizations, inactive standards are no longer accepted for use.</i></p>		
15	Entity PAR Approval Group (EPAG)	Keith Flowers
<p><i>The switchgear committee received 13 external PAR requests last year. Three (3) have been received this year with one (1) accepted. Most of the external PARs over which we have accepted oversight have not resulted in a new PAR but have rather been directed to participate in a related ongoing standard revision or amendment.</i></p> <p><i>An informational discussion took place regarding the process in which PARs that are rejected by one technical committee may be passed to another technical committee. There is concern that some of the external PAR groups “shop” for a committee to accept their PAR meaning that if refused by one committee, then the group will move on to the next, then the next, and so on, until accepted.</i></p> <p><i>Additional response, if one technical committee passes on taking oversight of a particular external PAR, then each subsequent technical committee is advised of the refusal as well as any other previous refusals. So far, it seems that even if all technical committees reject scope on an external PAR project, typically the IEEE Corporate Advisory Group will approve the PAR as an entity PAR under their authority.</i></p> <p><i>Key question: Is scope of the PAR within Standards Committee’s scope? If yes, then Standards Committee should accept oversight and then manage appropriately.</i></p>		
Other Requests to ADSCOM		
16	Registrar	Jeremy Hensberger
<p><i>No Requests to AdsCom.</i></p>		
17	Webmaster	Jeff Mizener
<p><i>No Requests to AdsCom.</i></p>		
18	Meeting Coordinator	Keith Flowers
<p><i>No Requests to AdsCom.</i></p>		

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Item	Description	Presenter
ADSCOM Working Group/Task Force Reports		
19	C37.86: Guide for Internet of Things (IoT) Switchgear Terminals (52 kV and below)	Donnie Swing Jianmin Xue
<p><i>A hybrid meeting was held due to many members in China not being able to attend in person meeting held in the US due to travel restrictions. Significant difficulties in commutations both technical and otherwise were experienced during this session. A draft table of contents has been promised in early December by the team in China.</i></p> <p><i>Due to reports of “informal sessions” being held between the overseas members, the organizers of the working group were briefed on proper procedures to ensure openness and transparency in the standards development process. Also, IEEE will pursue providing an IEEE representative with appropriate language skills to mitigate communication issues.</i></p>		
20	C37.100.1: Common Requirements for HV Power Switchgear	John Webb
<p><i>Quorum was not present for their session. Technical discussions moved the document forward and will be voted on by electronic ballot if necessary. Working group membership will be reviewed to avoid the quorum issue in the future.</i></p>		
21	C37.100.2: Capacitor Switching Common Clauses & Application Guide	Kirk Smith
<p><i>Kirk Smith was appointed as new working group chair. Reported that the existing calendar is challenging, but no request to modify the PAR date is planned at this time.</i></p>		
22	C37.100.6: Seismic Qualification of Electrical Equipment to Conform with ASCE/SEI 7 Seismic Requirements for Nonstructural Components	Eddie Wilkie
<p><i>Meeting was held with quorum achieved. The document is progressing satisfactorily.</i></p>		
23	C37.100.7: Guide for the Evaluation of Performance Characteristics of Non-Sulfur Hexafluoride Insulation and Arc Quenching Media for Switchgear Rated Above 1000 V	Dan Schiffbauer
<p><i>Group met although quorum was not achieved. Document is currently in ballot with no comments so far. A PAR extension has been requested as the current PAR expires at the end of this year.</i></p>		
24	C37.122.2: IEEE Guide for the Application of Gas-Insulated Substations 1 kV to 52 kV	Terry Woodyard
<p><i>No meeting held. Document is currently on the RevCom agenda.</i></p>		
25	C37.122.10: Guide for Handling Non-SF6 Gas Mixtures for HV Equipment	Billy Lao
<p><i>No report provided.</i></p>		
26	C57.142: Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction	Dave Caverly
<p><i>No meeting held due to scheduling conflict with transformer committee. Document has been balloted and is in comment resolution.</i></p>		
27	C37.301: Partial Discharge Measurements	Mike Wactor
<p><i>Mike Wactor reported that a meeting was held, but quorum was not met. Sean Parsi, working group chair, was not in attendance at the AdsCom meeting, but he did participate remotely in the working group meeting.</i></p> <p><i>Document is in inactive-reserved status, and the plan is to hold several virtual meetings through the end of the year and go to ballot in January.</i></p>		

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Item	Description	Presenter
28	C37.302: Guide for Fault Current Limiter (FCL) Testing of FCLs Rated above 1000 V AC	Donnie Swing
<p><i>Mischa Steurer, working group chair, was unable to attend. Donnie Swing reported that the group met virtually in August and that the working group had been considering the possibility of changing the document to a recommended practice. It was resolved to remain as a guide during the August meeting. Also determined in the meeting was to include solid state circuit breakers, include dc equipment, and to not include devices rated below 1,000V.</i></p> <p><i>A motion was made by Donnie Swing on behalf of the working group to submit a PAR request, and that motion was seconded by Keith Flowers. With no objections initially raised, the motion was approved by consent.</i></p> <p><i>Less than ten minutes after the motion was approved, a question was raised about a possible scope overlap with another standard because of the proposed inclusion of dc fault current limiters. Due to this possible overlap, Keith Flowers made a motion to reconsider: to make approval of PAR submittal conditional on resolving the overlap by forming a task force to work with C37.01 and C37.14 to coordinate scope. This motion was approved by consent.</i></p>		
29	Task Force: Coordinate C57.16 as used in Capacitor switching applications with Switchgear	Dave Caverly
<p><i>No report provided.</i></p>		
30	Task Force: Aging of Lubricants	Jack Harley
<p><i>A PAR was submitted and is on NesCom agenda. The group plans to hold several virtual meetings prior to the spring 2023 switchgear committee meeting.</i></p>		
31	Fellows Nominations Group	Nenad Uzelac
<p><i>The chair position for the Fellows Nominations Group is vacant, so anyone interested in serving should reach out to Nenad Uzelac (Chair ERP). There is an initiative to increase fellows nominations from PES from 100 per year to 150 per year within the next two years, and likewise there is an IEEE initiative to increase the number of IEEE Fellows elevated from PES which is currently underrepresented.</i></p>		
32	Main Committee (M/C) membership	Donnie Swing
<p><i>Requested that subcommittee chairs forward nominees to committee officers.</i></p>		
33	P2969: Guide for Continuous Thermal Monitoring of Switchgear and Motor Control Centers up to 52 kV – Joint Sponsorship with IAS	Mike Wactor
<p><i>Work is in progress to consolidate individual contributions into a ballot that may take place in the spring of 2023.</i></p>		
<u>New Business</u>		
34	Quorum Verification	Donnie Swing
<p><i>Quorum was verified before the meeting began.</i></p>		
35	Officer (MC, SS, WG) Training	Donnie Swing
<p><i>Working group chairs must complete the IEEE training, and it is recommended that working group secretaries and vice chairs also complete it. Successful completion of training is mandatory to serve as a working group chair. A link to the training will be added to the switchgear committee website, and hyperlinks are provided below.</i></p> <p><i>“IEEE SA Standards Working Group Chair Fundamentals” – est. four (4) hours</i></p> <p><i>“Understanding IEEE SA's Antitrust, Competition, and Commercial Terms Policies” – est. one (1) hour</i></p>		

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Item	Description	Presenter
36	Switchgear Officers – Potential Candidate Search	Donnie Swing
<i>Individuals interested in serving on the main committee, please discuss with active or past main committee officers.</i>		
37	Items to report to Main Switchgear Committee	Donnie Swing
<i>Confirmed that the authority associated with PAR requests belongs to the subcommittees.</i>		
38	Actions & Minutes	Donnie Swing
<i>A reminder was provided to subcommittee chairs that all working groups must have both a chair and secretary, having a vice-chair is optional. All working groups were requested to publish a preliminary agenda at least 60 days in advance of the meeting so that members may plan on attendance. Importance was placed on assuring that meetings will be held and be of substantive content, particularly in regards for attendees being able to obtain funding and approval to participate.</i>		
39	Adjourn	Donnie Swing
<i>Meeting was adjourned at 9:30am after completing the agenda.</i>		

ATTENDANCE

Role	Last Name, First Name	Company	F22
Chair	Edwards, Doug	Siemens Industry, Inc.	
Secretary	Swing, Donald	Powell Industries	x
Past Chair	Burse, Ted	Powell Industries, Inc	X
Past Chair	Flowers, Keith	Siemens Industry, Inc.	x
Past Chair	Irwin, Todd	GE Grid Solutions	X
Member	Cochran, Sterlin	Oak & Shield	X
Member	Hensberger, Jeremy	Mitsubishi Electric Power Products Inc.	x
Member	Hrcir, Dan	Eaton	X
Member	Hurst, Bill	GE	
Member	Johnson, Travis	Xcel Energy	X
Member	Mizener, Jeff	Siemens Industry, Inc.	X
Member	Moser, Darryl	ABB	X
Member	Schuetz, Carl	American Transmission Company (ATC)	X
Member	Sullivan, Paul	DuPont	
Member	Uzelac, Nenad	G&W Electric	X
Member	Wactor, Michael	Powell Industries, Inc	X
Member	Webb, John	ABB	x
Guest	Ambrose, Chris	Federal Pacific	X
Guest	Barnhart, Paul	UL	X
Guest	Becker, George	POWER Engineers Inc.	X
Guest	Boles, Brett	Southern Company	X
Guest	Byreddy, Sudarshan	Burns & McDonnell	X
Guest	Carne, Clint	Schneider Electric	X

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Role	Last Name, First Name	Company	F22
Guest	Cochran, Alex	Cargill	X
Guest	DeCesaro, Frank	DeCesaro Consulting Services	X
Guest	Dhawan, Anil	Allegis	X
Guest	Diallo, Bouracar	SOUTHERN STATES LLC	X
Guest	Di Lillo, Patrick	Consolidated Edison Co. of NY, Inc.	X
Guest	Esco, Tanner	Eaton	
Guest	Flores, Sergio	Schneider Electric US, Inc.	X
Guest	Gohil, Sahadev	AZZ Switchgear Systems	X
Guest	Grahor, Lou	Eaton Corporation	
Guest	Harley, Jack	FirstPower Group LLC	X
Guest	Hartzel, Ron	Eaton	X
Guest	Hastreiter, Christopher	Eaton	
Guest	Haynes, Gary	ABB Inc.	X
Guest	Hines, Jared	Eaton Corp.	
Guest	Hollander, Jason	CHA Consulting	X
Guest	Hutchins, Neil	Georgia Power Company	X
Guest	Jarnigan, Chris	Southern Company Services	X
Guest	Kaminski, John	Siemens	x
Guest	Lafond, Michael	ABB	X
Guest	Leach, John	Retired	X
Guest	Leccia, Brad	Eaton	
Guest	Owens, Mary	Eaton	
Guest	Pal, Sumitabha	Schneider Electric	
Guest	Parsi, Sean	Dexotech Power	
Guest	Riley, Caryn	Georgia Tech/NEETRAC	X
Guest	Rokser, Ian	Eaton Corp	X
Guest	Santulli, Jennifer	IEEE-SA	X
Guest	Schiffbauer, Daniel	Toshiba International Corporation	X
Guest	Sharma, Devki	Entergy	
Guest	Skidmore, Michael	AEP	X
Guest	Smith, Kirk	Retired	X
Guest	Soulard, Francois	Hydro-Quebec	X
Guest	Sumitabha, Pal	Schneider Electric	X
Guest	Torres, Jean-Marc	G&W Electric	X
Guest	Trichon, Francois	Schneider Electric	
Guest	Trost, Karla	G&W Electric	X
Guest	Walgenbach, Jacob	Siemens	X
Guest	Ward, Jeffrey	Doble Engineering Company	X
Guest	Wahaj, Saleem	Siemens	X
Guest	Weisker, Jan	Siemens Energy	
Guest	Wenzel, James	Eaton	
Guest	Wilkie, Eddie	Eaton	X
Guest	Woodyard, Terrance	Siemens Industry Inc.	X

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING MINUTES
Thursday, October 20, 2022
8:00 AM – 9:30 AM (EST)**

Role	Last Name, First Name	Company	F22
Guest	Zia, Danish	UL	X
Total			52