

**IEEE/PES SWITCHGEAR COMMITTEE
ADSCOM MEETING AGENDA
Thursday, April 14, 2022
8:00 AM – 9:00 AM (EDT)**

Item	Description	Presenter
1	Call Meeting to Order	Doug Edwards – Chair
	<i>Meeting was called to order by the chair at 8:00am.</i>	
2	Introduction of Members & Guests	Donnie Swing Secretary
	<i>Members and guests announced their names and affiliations. Total attendance was 48 with all members were present.</i>	
3	Roll Call & Quorum Check	Donnie Swing - Secretary
	<i>Quorum was verified at 9:41am.</i>	
4	Agenda Review and Approval	Doug Edwards
	<i>A motion by Dan Hrcir to approve the agenda was seconded by Carl Schuetz. No objections were raised, and the agenda was approved.</i>	
5	Approval of Fall 2021 AdsCom Minutes	Doug Edwards
	<i>A motion by John Webb to approve the fall 2021 minutes was seconded by Carl Schuetz. No objections were raised, and the minutes were approved.</i>	
<u>Requests to ADSCOM</u>		
6	Education, Recognition & Publications (ERP)	Paul Sullivan
	<i>No requests to ADSCOM.</i>	
7	High Voltage Fuses (HVF)	Sterlin Cochran
	<i>No requests to ADSCOM.</i>	
8	High Voltage Switches (HVS)	Bill Hurst
	<i>No requests to ADSCOM.</i>	
9	High Voltage Circuit Breakers (HVCB)	Carl Schuetz
	<i>HVCB requested assistance to identify a person responsible for reaffirmation of our (IEEE's) 62271-37-082 standard which will expire at the end of this year. The IEC version is not scheduled to expire for a few years. Jennifer Santulli will work with Erin Morales to address this issue.</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>While the IEC did not approve having an official liaison position for its Technical Advisory Group (TAG), Eldridge Byron will continue to serve as an unofficial liaison. Doug Edwards added that we only need basic information and reports on any activity. Thus, the unofficial position will suffice.</i>	
13	Technology and Innovation Subcommittee	Nenad Uzelac
	<i>Nenad Uzelac reported that he is currently soliciting for members outside of the switchgear committee and has gone through all official IEEE means to little avail. Todd Irwin as our marketing coordinator offered his assistance and will be looking into alternate methods of outreach.</i>	

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14	Standards Coordinator Report	Michael Wactor
	<i>Three (3) documents expired last year, and two (2) more are scheduled to expire at the end of this year. The last date to submit to REVCOM this year is October 13, 2022. See Standards Coordinator's Report in the Main Committee minutes.</i>	
15	External PAR Approval Group (EPAG)	Keith Flowers
	<i>Keith Flowers reported that the group met Monday afternoon. While last year saw 60 or so external PARs submitted with seven (7) or eight (8) directed to switchgear committee, this year has been substantially less active with only one (1) proposal sent to us thus far. The switchgear committee's first in-person entity PAR working group meeting was held this week. See item 19 below for more details. An interim meeting of this group may be scheduled if more external PARs are received soon.</i>	
<u>Other Requests to ADSCOM</u>		
16	Registrar	Jeremy Hensberger
	<i>No requests to ADSCOM.</i>	
17	Webmaster	Jeff Mizener
	<i>No requests to ADSCOM.</i>	
18	Meeting Coordinator	John Webb
	<i>No requests to ADSCOM. Cassandra Carollo of IEEE MCE will be taking over this role as John Webb transitions to become the next secretary and treasurer in the main committee officer rotation.</i>	
<u>ADSCOM Working Group/Task Force Reports</u>		
19	C37.86: Guide for Internet of Things (IoT) Switchgear Terminals (52 kV and below) (I of I)	Jianmin Xue Doug Edwards (Temp)
	<i>This was the first meeting for this external PAR group. In addition to the 24 in-person participants, 22 from China attended virtually via WebEx for a total of 46. Most of the meeting time was spent on IEEE meeting basics. The election of working group officers was discussed. Exclusion of low-voltage switchgear was discussed. The participants from China are expected to meet in person once per year, so we expect to see them in Burlington this fall.</i>	
20	C37.100.1: Common Requirements for HV Power Switchgear	John Webb
	<i>John Webb reported that the group met with 50 participants but far short of quorum. Despite this, John said that he does not want to pare down the member list due to needed expertise, and that official business could be conducted in interim virtual sessions. Copyright permission has been attained for review and use of IEC 622271-1. A PAR extension will not likely be needed.</i>	
21	C37.100.2 PAR Study Group: Capacitor Switching Common Clauses & Application Guide	Roy Alexander
	<i>No meeting held.</i>	
22	C37.100.6: Seismic Qualification of Electrical Equipment to Conform with ASCE/SEI 7 Seismic Requirements for Nonstructural Components	Eddie Wilkie
	<i>Eddie Wilkie reported that the group met with quorum. Work is progressing well with a target to complete by the end of 2022. Three product groups will be removed from the document: C37.74, C37.04, and C37.23.</i>	

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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
	<i>Dan Schiffbauer reported that the group met without quorum at 22 of 50 members. The ballot pool for the document's first revision is currently being formed, and a comment resolution task force has already been formed. The PAR for this document expires at end of 2022.</i>	
24	C37.122.2: IEEE Guide for the Application of Gas-Insulated Substations 1 kV to 52 kV	Eldridge Byron
	<i>Eldridge Byron reported that the group met with 35 total attendees, and a quorum (10 of 12 members) was present. The PAR for this document expires December 2023, and the current revision of the document (2011) expires December 2022. The group has adequate approval to move forward once all comments have been resolved, but several comments remain.</i>	
25	C37.122.10: Guide for Handling Non-SF6 Gas Mixtures for HV Equipment	George Becker
	<i>No meeting held.</i>	
26	C57.142: Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction	Dave Caverly
	<i>No meeting held.</i>	
27	C37.301: Partial Discharge Measurements	Sean Parsi
	<i>Sean Parsi reported that two sessions were held with quorum. The PAR has been revised with a two-year extension added. The group plans to hold monthly virtual meetings to keep things on track.</i>	
28	C37.302: Guide for Fault Current Limiter (FCL) Testing of FCLs Rated above 1000 V AC	Michael Steurer
	<i>No meeting held.</i>	
29	Task Force: Coordinate C57.16 as used in Capacitor switching applications with Switchgear	Dave Caverly
	<i>No meeting held.</i>	
30	Task Force: Aging of Lubricants	Jack Harley
	<i>Jack Harley reported that the task for met with 36 attendees present. A history of the effort was provided for those that may be new to the group. The option of pursuing a standard versus a guide was discussed, and the consensus seems to be in favor of a guide. Some expressed an interest in including all lubricants in the gear and not just those found in the mechanism. Two virtual meetings are planned to be held before the fall meeting. It was noted also that there seems to be confusion between the "aging of lubricants" task force and another group, "aging of switchgear".</i>	
31	Fellows Nominations Group	Paul Sullivan
	<i>No meeting held. Paul is working with ERP to provide support.</i>	

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32	Main Committee (M/C) membership	Donnie Swing
	<i>Subcommittee chairs, please submit any nominations that you may have for new main committee members.</i>	
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>Mike Wactor reported that the group meets virtually once every month or two and that good progress is being made. A first draft is expected by the fall of this year.</i></p> <p><i>Doug Edwards recommends that those interested in participating in ballots for this document update their myProject profile to include PCIC notifications or at least this document in particular in order to receive notifications.</i></p>	
<u>New Business</u>		
34	Quorum Verification	Donnie Swing
	<i>Verified</i>	
35	Position statement on SF6	Doug Edwards
	<p><i>The IEC's ACTAD (Advisory Committee on electricity Transmission And Distribution) group, chaired by Kyoichi Uehara from Japan, provides public positions of the IEC on T&D issues. The IEEE has a liaison position for this group to promote inclusion, and that liaison has reached out to PES tech council to get an official position from IEEE regarding the future of SF6.</i></p> <p><i>Experts are needed. Let Keith Flowers know if interested.</i></p>	
36	Call for HVDC circuit breaker experts for IEC work	Doug Edwards
	<i>HVDC circuit breaker experts are needed. Let Doug know if interested.</i>	
37	Switchgear Officers – Potential Candidate Search	Doug Edwards
	<p><i>This effort has been expanded to address the need for subcommittee officers and working group officers. Of particular note for this meeting series is that we have had a first-time attendee volunteer to be a working group chair.</i></p> <p><i>John Webb has accepted the position of the next main committee officer and will be the incoming secretary and treasurer.</i></p>	
38	Items to report to Main Switchgear Committee	Doug Edwards
	<i>Nothing to report.</i>	
39	Actions & Minutes	Doug Edwards
	<i>Please submit minutes packages to Donnie Swing by May 6, 2022.</i>	
40	Adjourn	Doug Edwards
	<i>Meeting was adjourned at 8:41am after completion of the agenda.</i>	

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Attendance:

Role	Last Name, First Name	Company	S22
Chair	Edwards, Doug	Siemens Industry, Inc.	X
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
Past Chair	Sigmon, Dean	Eaton Corporation	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	X
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	X
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	DeCesaro, Frank	DeCesaro Consulting Services	X
Guest	Di Lillo, Patrick	Consolidated Edison Co. of NY, Inc.	X
Guest	Esco, Tanner	Eaton	X
Guest	Gohil, Sahadev	AZZ Switchgear Systems	X
Guest	Grahor, Lou	Eaton Corporation	X
Guest	Harley, Jack	FirstPower Group LLC	X
Guest	Hastreiter, Christopher	Eaton	X
Guest	Haynes, Gary	ABB Inc.	X
Guest	Hines, Jared	Eaton Corp.	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	Leccia, Brad	Eaton	X
Guest	Owens, Mary	Eaton	X
Guest	Pal, Sumitabha	Schneider Electric	X
Guest	Parsi, Sean	Dexotech Power	X
Guest	Rokser, Ian	Eaton Corp	X
Guest	Santulli, Jennifer	IEEE-SA	X
Guest	Schiffbauer, Daniel	Toshiba International Corporation	X
Guest	Sharma, Devki	Entergy	X
Guest	Skidmore, Michael	AEP	X
Guest	Trichon, Francois	Schneider Electric	X
Guest	Trost, Karla	G&W Electric	X
Guest	Walgenbach, Jacob	Siemens	X
Guest	Ward, Jeffrey	Doble Engineering Company	X
Guest	Weisker, Jan	Siemens Energy	X
Guest	Wenzel, James	Eaton	X
Guest	Wilkie, Eddie	Eaton	X
Guest	Woodyard, Terrance	Siemens Industry Inc.	X