

IEEE/PES SWITCHGEAR COMMITTEE
Switchgear ADSCOM Meeting Agenda
Charlotte, NC, USA
Thursday, April 27, 2017

	Agenda Item	Presenter
1	Call Meeting to Order	Todd Irwin – Chairman
<i>Todd Irwin, ADSCOM Chair, called the meeting to order at 8am.</i>		
2	Introduction of members & Guests	Todd Irwin
<i>Self-introductions were made of the attendees.</i>		
3	Attendance and Quorum Check	Keith Flowers
<i>Sign-in sheets were circulated. Quorum was verified.</i>		
<i>Attendance is documented in: http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa1REV0.pdf .</i>		
4	Agenda Review and Approval	Todd Irwin
<i>Proposed agenda was reviewed. Motion to approve by John Leach. Motion was seconded by Dave Stone. Motion carried.</i>		
5	Approval of Minutes from Fall 2016 meeting	Todd Irwin
<i>Minutes from Fall 2016 meeting (http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2016-2/F16ADSCOMmiREV0.pdf) were posted and reviewed. Motion to approve by Allan Morse. Motion was seconded by Mike Lafond. Motion carried.</i>		
<u>Requests to ADSCOM</u>		
6	Education, Recognition & Publications (ERP)	John Webb
<i>No requests to ADSCOM.</i>		
7	High Voltage Fuses (HVF)	John Leach
<i>No requests to ADSCOM.</i>		
8	High Voltage Switches (HVS)	James Houston
<i>No requests to ADSCOM.</i>		
9	High Voltage Circuit Breakers (HVCB)	Mike Skidmore
<i>No requests to ADSCOM.</i>		
10	Low Voltage Switchgear Devices (LVSD)	Dave Dunne
<i>No requests to ADSCOM.</i>		

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11	Reclosers and Other Distribution Equipment (RODE)	Nenad Uzelac
<i>No requests to ADSCOM.</i>		
12	Switchgear Assemblies (SA)	Mike Lafond
<i>No requests to ADSCOM.</i>		
13	Standards Coordinator Report	Michael Wactor
See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa2REV0.pdf .		
<u>Other Requests to ADSCOM</u>		
14	Registrar	Jeremy Hensberger
<i>No requests to ADSCOM.</i>		
15	Webmaster	Jeff Mizener
<i>No requests to ADSCOM.</i>		
16	Meeting Coordinator	John Webb
<i>No requests to ADSCOM.</i>		
<u>ADSCOM WORKING GROUP/TASK FORCE REPORTS</u>		
17	C37.59 Conversion of Power Switchgear Equipment	Dean Sigmon
See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa3REV0.pdf .		
<i>The Working Group is planning to conduct a web meeting in June, with goal to approve proceeding to ballot. This standard is ahead of schedule to meet 2018 deadline.</i>		
18	C37.100.1 Common Requirements for HV Power Switchgear	Dave Stone
See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa4REV0.pdf .		
<i>The Working Group is waiting for IEC approval of use of some copyrighted material to be replicated in C37.100.1. The Working Group expects to get approval in June 2017, and will be able to forward to REVCOM upon copyright approval.</i>		
19	C37.100.2 Capacitor Switching Common Clauses	Neil McCord
See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa5REV0.pdf .		
<i>On schedule to meet the 2018 deadline.</i>		
20	C37.100.5 Definitions for HVCB and RODE	Tom Mulcahy
See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa6REV0.pdf .		
<i>On schedule to meet the 2018 deadline.</i>		

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21	C37.301 Partial Discharge Measurements	Jean-Marc Torres
<p>See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa7REV0.pdf .</p> <p><i>Will be meeting with HVTT Committee in January 2018 to form a joint task force to help with the C37.301 revision. Currently drafting a PAR. This Guide is at risk to not meet the 2018 deadline.</i></p>		
22	Task Force: Visible Break	Nenad Uzelac
<p>See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa8REV0.pdf .</p> <p><i>The intent is to submit a final definition to each Subcommittee to see how it can be implemented in various subcommittee documents.</i></p> <p><i>Dave Dunne noted that the LVSD Subcommittee has concerns with some of the language of the “visible break” definition.</i></p> <p><i>Likewise, Mike Lafond registered similar concerns from Switchgear Assemblies.</i></p> <p><i>Nenad will continue to work to obtain consensus. Nenad requests concerns be expressed prior to the 2017 Fall face-to-face meeting, so the Task Force will be able to try to address those concerns at the Fall Meeting.</i></p>		
23	Task Force: Alternative Gases to SF₆	Nenad Uzelac
<p>See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa9REV0.pdf .</p> <p><i>The Task Force motioned to make the alternative gases report available to Main Committee members. Mike Skidmore seconded the motion. The motion carried.</i></p> <p><i>The Task Force motioned to extend the task force by another six months to allow for feedback regarding the report. Ted Burse seconded the motion. The motion carried.</i></p> <p><i>Guidance provided by Erin Spiewak: The Task Force will present the results of feedback at the Fall 2017, expecting to recommend that the report be presented to the Main Committee for approval. If approved by Main Committee, it will then be submitted to PES VPs of Tech. Council and Publications to approval for posting to the resource Center.</i></p> <p><i>The Chair recognized Nenad and the Task Force for the vast amount of work completed in a short period of time.</i></p>		
<u>Old Business</u>		
24	Report from Task Force on possible creation of a new Switchgear Committee, Technology and Innovation Subcommittee	Nenad Uzelac
<p>See http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa10REV0.pdf .</p> <p><i>The Task Force report was reviewed, with a consensus that ADSCOM should make a motion to Main Committee to create the new subcommittee.</i></p> <p><i>John Webb questioned if there was going to be any specific budgetary request to Main Committee.</i></p> <p><i>Nenad Uzelac responded that he does not expect that there will be any.</i></p>		

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John Webb questioned who would retain ownership of the intellectual property that might be generated by the proposed subcommittee.

Nenad Uzelac noted that this still needs to be considered, and remarked that it could be similar to the CIGRE model, where CIGRE output is owned by CIGRE – i.e. IEEE could own the IP.

Ted Burse questioned if we are still carrying motion to Main Committee, noting that the draft motion might need some tweaking before presenting to Main Committee.

It was agreed that there needed to be more clarity to some of the risks raised by John Webb before moving forward.

Roy Alexander noted that other IEEE Committees have similar activities, so there should be a model within IEEE.

Todd Irwin agreed to carry the motion forward to Main Committee.

John Webb seconded the motion.

Discussion: The Task Force will issue a thirty-day letter ballot if it can clarify the scope, or defer further discussion to the Fall 2017 meeting.

The motion carried.

25	Report from Task Force on findings of review C37.20.7 and C37.04 for possible overlap	Mike Lafond
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Mike Lafond reported that the task force compared the scope of C37.20.7, C37.04, and C37.09 from current draft versions of each of those three documents. The conclusion of the Task Force is that there is no scope overlap. The consensus of the Task Force was to let C37.20.7 remain in Switchgear Assemblies upon the next revision cycle.

New Business

26	Seismic Qualification of Electrical Equipment to Conform with ASCE/SEI 7 Seismic Requirements for Nonstructural Components	Eddie Wilkie
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See <http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2017-1/S17ADSCOMa11REV0.pdf> .

Mike Wactor questioned as to what should the Switchgear Committee do with the open PAR.

Todd Irwin recommended forming a task force to scope out a revised PAR.

Eddie Wilkie made a motion to form a task force to scope out a PAR for Seismic Qualification of Electrical Equipment to Conform with ASCE/SEI 7 Seismic Requirements for Nonstructural Components.

Ted Burse seconded the motion.

The motion carried.

Eddie Wilkie was named Task Force Chair, and volunteers were advised to contact Eddie if you are willing to participate.

27	Quorum Verification	Keith Flowers
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Quorum has been confirmed. All members were in attendance.

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28	IEEE C57.142, Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction	Todd Irwin
<p><i>The previous edition of C57.142 was a joint sponsorship with the Transformer Committee. The Transformer Committee submitted a PAR to IEEE-SA to revise the document, and indicated within the PAR that this was a continued joint sponsorship, although Switchgear Committee was unaware of the PAR (until after it had been submitted).</i></p> <p><i>Currently, there is no Switchgear Committee participation for this revision effort. The Switchgear Committee is soliciting participants from HVCB, and with recommendation that the vice-chair of the Guide should be from the Switchgear Committee. To support this revision, Switchgear Committee is also volunteering to host 50% of the meetings (ideally).</i></p> <p><i>Volunteers: Roy Alexander, Antone Bonner, Edgar Dullno, Neal McCord, and Dragan Tabakovic</i></p> <p><i>Mike Skidmore noted that if we can get meetings here in Switchgear Committee, there could be significant participation from HVCB members.</i></p> <p><i>Paul Sullivan suggested that conference calls would be appropriate for meetings outside of Switchgear Committee.</i></p> <p><i>Todd Irwin expressed appreciation for the volunteers, and if someone is willing to be the C57.142 vice-chair, please contact him ASAP.</i></p>		
29	Items to report to Main Switchgear Committee	Todd Irwin
<p><i>Todd Irwin to make a motion to create the new Technology and Innovation Subcommittee on behalf of ADSCOM.</i></p>		
30	Subcommittee meeting minutes, Working Group minutes, and Subcommittee spreadsheets	Todd Irwin
<p><i>ACTION – SC Chairs send updates, Subcommittee meeting minutes and Working Group minutes to SG Committee Secretary, Keith Flowers (keith.flowers@ieee.org) by May 25, 2017.</i></p> <p><i>All updates are to be submitted on the report spreadsheet found at the following link: http://www.ewh.ieee.org/soc/pes/switchgear/subcommittees/Subcommittee_Table.xlsx</i></p>		
31	Adjourned	Todd Irwin