

IEEE/PES Switchgear Committee

ADSCOM Sub-Committee

Meeting Minutes

04/10/2025 – 8:00 AM to 9:30 AM EDT

Meeting Minutes Recorded by: Terry Woodyard - Secretary

1. Call to Order

The meeting was called to order at 8:00 AM EDT by the ADSCOM Chair, John Webb.

2. Establishment of Quorum

Quorum was verified during Roll Call as 14 of 16 voting members present.

3. Roll call and Disclosure of Affiliation

61 attendees present stated their name and affiliation.

A list of attendees (name, affiliation, and voting status) is attached.

4. Approval of the Agenda

Motion to approve the meeting agenda.

(Mover: Frank DeCesaro; Second: Dan Schiffbauer)

The agenda was unanimously approved as presented without objection.

5. Approval of F24 ADSCOM meeting minutes

Motion to approve the meeting minutes.

(Mover: Jared Hines; Second: Frank DeCesaro)

The minutes were unanimously approved as presented without objection.

6. Presentations or Discussions

a) Requests to ADSCOM:

- i. Education, Recognition & Publications (ERP) – Nenad Uzelac
 - i. No requests for ADSCOM
- ii. High Voltage Fuses (HVF) – Jim Wenzel
 - i. No requests for ADSCOM
- iii. High Voltage Switches (HVS) – Jacob Blake
 - i. Motion as amended by Todd Irwin to Change the scope of HVS to eliminate potential gaps within our standards related to overhead load

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interrupter switches which are not air insulated was unanimously approved as presented without objection. The revised HVS scope is:

"Treatment of all matters relating to indoor and outdoor switches and interrupters rated above 1000 V ac and 3200 V dc except for the following devices:

- Distribution cutouts.
- Switches used in metal-enclosed and pad-mounted switchgear.
- Separable insulated connectors.
- Circuit-breakers, circuit-switchers, sectionalizers and reclosers.
- Gas insulated switchgear
- Capacitor switches.
- Other-than-air insulated switches ~~rated 72 kV ac and below used on distribution systems except air insulated overhead applications.~~
- Fuses equipped with integral switches."

- iv. High Voltage Circuit Breakers (HVCB) – Dan Schiffbauer
 - i. No requests for ADSCOM
- v. Low Voltage Switchgear Devices (LVSD) – Jeff Mizener
 - i. No requests for ADSCOM
- vi. Reclosers and Other Distribution Equipment (RODE) – Frank DeCesaro
 - i. No requests for ADSCOM
 - ii. Contact with ESSB is complete and a copy of the review is in a presentation in the RODE iMeet central repository
- vii. Switchgear Assemblies (SA) – Jared Hines
 - i. No requests for ADSCOM
- viii. Technology and Innovation Subcommittee (T&I) – Caryn Riley
 - i. No requests for ADSCOM
- ix. Standards Coordinator Report – Keith Flowers
 - i. No requests for ADSCOM
 - ii. A lot of work getting done as evidenced by 13 standards published last year (vs. typical of 6) with another 6 already with RevCom this year
 - iii. 6 standards are in jeopardy of which 3 are entity projects
 - iv. Full report will be posted on the 2025 Spring minutes page on the Switchgear Committee website

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- x. Entity PAR Approval Group (EPAG) – Keith Flowers
 - i. No requests to ADSCOM
 - ii. Project P0204: Standard for gas density relays
 - 1. topic is appropriately covered by ASTM standards
 - 2. no need for additional standards as related to GIS
 - 3. rejecting oversight of the external proposal
 - iii. Project 0230: Field PD testing
 - 1. proposal is 100% enveloped by existing scope of IEEE PC37.303
 - 2. no need for additional standards or expansion of IEEE PC37.303 scope
 - 3. accepting oversight and encouraging proposers to participate in IEEE PC37.303
 - iv. PES T&D Committee is sponsoring a project with the IEEE Industry Connections SCATE group on utility asset tagging. Working Group wants to add-on nine "dot standards" for specific product groups -- two of which encompass switchgear. Switchgear Committee is accepting oversight of these two switchgear proposals and work with the proposers regarding PAR refinement.
- xi. Registrar – Jenifer Hunter
 - i. No requests to ADSCOM
 - ii. 289 Attendees
 - iii. 36 Companions
 - iv. 121 attended Tuesday luncheon
 - v. 201 attended the social
 - vi. 137 attended the technical presentation on Thursday
- xii. Web Administrator – Jeff Mizener
 - i. No requests to ADSCOM
- xiii. Meeting Coordinator – John Webb
 - i. No requests to ADSCOM
 - ii. WG Chairs are requested to use all available meeting slots to hold multiple sessions in the future to avoid so many open slots and overcrowded rooms

b) ADSCOM Working Group/Task Force Reports

- i. C37.20.9: Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems – Terry Woodyard
 - i. ANSI reaccreditation project with PAR until Dec 2028
 - ii. Meeting held and met quorum requirements

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- iii. In initial ballot comment resolution (6 general, 22 technical, 115 editorial comments)
 - iv. Plan to meet virtually to re-ballot over the summer
 - v. Submitted room requests for the Fall 25 meeting and minutes to SA
- ii. C37.100.1: Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V – John Webb
 - i. Meeting but no quorum
 - ii. Conducted partial review of items which potentially require clearance from IEC.
 - iii. Still need to confirm the copyright clearance status of previously incorporated text from IEC 62271-1. Working with IEEE SA to recover previous copyright clearance letter(s).
- iii. C37.100.2: Standard for Common Requirements for Testing of AC Capacitive Current Switching Devices over 1000 V – Kirk Smith
 - i. Met held with alternates acting as officers
 - ii. Met quorum requirements
 - iii. Document still in comment resolution
- iv. C37.100.6: Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications – Eddie Wilkie
 - i. Meeting held and met quorum requirements
 - ii. Document is still in comment resolution
- v. C37.100.8: Guide for Methodologies to Demonstrate the Expected Life of Lubricants Used in Switching Devices – Jack Harley
 - i. Meeting held and met quorum requirements
 - ii. Compiled draft D28 for initial ballot
 - iii. PAR expires 2026 so planning to file for an extension
- vi. C37.302: Guide for Fault Current Limiter (FCL) Testing of FCLs Rated above 1000 V AC – John Webb
 - i. No meeting, the document will remain on inactive reserve status and no actions will be taken to change it to withdrawn status
- vii. C37.303: Guide for Field Measurement of Partial Discharge Within Switchgear (above 1000 Vac) – Adrian Lopez
 - i. Meeting held and met quorum requirements
 - ii. PAR expires in 2029
 - iii. Task groups reported on progress

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- viii. C37.59: Requirements for Conversion of Power Switchgear Equipment– John Webb
 - i. Meeting held with 31 attendees
 - ii. Created worklist and task forces
- ix. C37.86: Guide for Internet of Things (IoT) Switchgear Terminals (52 kV and below) – John Webb
 - i. PAR expires end of 2026
 - ii. No activity since the Fall 2024 Swgr Conference
 - iii. The WG lost Chair
 - iv. Request to Vice-Chair and Secretary for a new Chair. Also, asking if there is on-going interest in the project
 - v. Pending responses
- x. P2969: Guide for Continuous Thermal Monitoring of Switchgear and Motor Control Centers up to 52 kV (IAS/PCI document, SWG is co-sponsor) – Keith Flowers
 - i. Initial ballot is complete all 382 comments have been dispositioned
 - ii. Recirculation ballot will be initiated soon
- xi. P1860 Voltage Regulation, P1861 Onsite Acceptance Testing, P1862 Insulation Coordination > 1 MV – Doug Edwards
 - i. All PARs expire end of 2027
 - ii. Last WG meetings (all three (3) WGs) were in January 2025
 - iii. Next meeting forecast for mid-2025, currently pending agendas
- xii. Fellows Nominations Group – Leslie Falkingham
 - i. Group is considering conducting a training on how to become a Senior member
 - ii. To be nominated to become a Fellow, one must be a Senior for 5 years
- xiii. PSIM's IEEE 4 progress – Jake Walgenbach
 - i. The group met in January to work on a draft revision targeted to go out for ballot in 2026
 - ii. The focus is to align with IEC
 - iii. Several virtual meetings were setup to continue the work until the next face-to-face meeting
- xiv. Attendance Maintenance and Distribution – Terry Woodyard
 - i. A list of all registered attendees of the conference has been distributed to each of the subcommittee chairs and secretaries for distribution to

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WG chairs and secretaries to assist in maintenance of their attendance lists.

c) New Business

- i. TC17 'Class A' Liaison – John Webb
 - i. IEEE still needs to forward proposal to IEC. Because TC17 will not hold a plenary meeting in 2025, sufficient time exists to complete the process prior to 2026 plenary meeting.
- ii. Update - ANSI Accreditation for Documents – Keith Flowers
 - i. We have made good progress seen on this topic – see Standards Coordinator's report for details
- iii. Items to report to Main Switchgear Committee – John Webb
 - i. Change of scope for HVS

7. Actions and Minutes

Reminder for all subcommittees to record total WG attendance to support planning of WG meeting rooms for Fall 25 Meeting in Reno, NV.

8. Future ADSCOM Meetings

- Fall 2025, October 5 – 9, 2025, Peppermill Resort, Reno, NV
- Spring 2026, April 26 – 30, 2026, Sheraton Sand Key Resort, Clearwater Beach, FL
- Fall 2026, October 4 – 8, 2026, Catamaran Resort, San Diego, CA
- Spring 2027, April 11 – 15, 2027, Hyatt Regency, Orlando, FL
- Fall 2027, October 10 – 14, 2027, Alohilani Resort, Waikiki Beach, HI
- Spring 2028, April 30 – May 4, 2027, Marriott Rivercenter, San Antonio, TX
- Fall 2028, October 8 – 12, 2028, Hyatt Regency, Columbus, OH

9. Adjourn

Meeting adjourned at 9:10 AM EDT by the ADSCOM Chair, John Webb

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Role	Last Name	First Name	Company
Chair	Webb	John	ABB
Secretary	Woodyard	Terry	Siemens Industry Inc.
SWGR Chair	Swing	Donnie	Avail Switchgear Systems
HVCB	Schiffbauer	Dan	Toshiba International Corporation
HVF	Wenzel	Jerry	BC Hydro
HVS	Blake	Jacob	Hubbell
LVSD	Mizener	Jeff	Siemens Industry, Inc.
RODE	DeCesaro	Frank	DeCesaro Consulting Services
SA	Hines	Jared	Eaton Corp.
ERP	Uzelac	Nenad	G&W Electric
Past Chair	Burse	Ted	Powell Industries, Inc
Past Chair	Edwards	Doug	Siemens Industry, Inc.
Past Chair	Flowers	Keith	Siemens Industry, Inc.
Past Chair	Irwin	Todd	GE Grid Solutions
Non-voting member	Attia	Hanan	Enercon
Non-voting member	Banda	Marco	Spike Electric
Non-voting member	Barnhart	Paul	UL
Non-voting member	Beseda	David	S&C Electric Company
Non-voting member	Byreddy	Sudarshan	Burns & McDonnell
Non-voting member	Cai	Ping	Sieyuan Electric Co Ltd
Non-voting member	Carne	Clint	Schneider Electric
Non-voting member	Cuppett	Matthew	Hitachi
Non-voting member	Dart	David	NOJA Power
Non-voting member	Ennis	Michael	S&C Electric Company
Non-voting member	Essel	Caleb	Spike Electric
Non-voting member	Grdina	Todd	Siemens Industry, Inc.
Non-voting member	Harley	Jack	FirstPower Group LLC
Non-voting member	Hartmann	Oliver	Siemens
Non-voting member	Hawkins	Tom	Siemens Industry, Inc.
Non-voting member	Haynes	Gary	ABB Inc.
Non-voting member	Huang	Zinan	Sieyuan Electric Co Ltd
Non-voting member	Hurst	Bill	GE
Non-voting member	Jacob	Kai	Siemens AG
Non-voting member	Jarnigan	Chris	Southern Company Services
Non-voting member	Johnson	Travis	Xcel Energy
Non-voting member	Kaminski	John	Siemens

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Non-voting member	Lafond	Mike	ABB
Non-voting member	Lopez	Adrian	Powell Industries
Non-voting member	Lovins	Colby	Federal Pacific
Non-voting member	McCord	Neil	KEC Precision
Non-voting member	Milnikel	Henning	Siemens AB
Non-voting member	Moser	Darryl	ABB
Non-voting member	Olivares	Roberto	Siemens Industry
Non-voting member	Riley	Caryn	Georgia Tech / NEETRAC
Non-voting member	Rokser	Ian	Eaton Corp
Non-voting member	Rowell	Amy	Schneider Electric
Non-voting member	Santulli	Jennifer	IEEE-SA
Non-voting member	Sell	Jason	Switchgear Power Systems
Non-voting member	Sharma	Devki	Entergy
Non-voting member	Shiller	Paul	First Power Group LLC
Non-voting member	Skidmore	Mike	AEP
Non-voting member	Slattery	Chris	First Energy
Non-voting member	Solanki	Lokeshkumar	ABB
Non-voting member	Sumitabha	Pal	Schneider Electric
Non-voting member	Tatum	Bryan	UL
Non-voting member	Trichon	Francois	Schneider Electric
Non-voting member	Trost	Karla	G&W Electric
Non-voting member	Walgenbach	Jacob	Siemens
Non-voting member	Ward	Jeff	Doble Engineering Company
Non-voting member	Wilkie	Eddie	Eaton
Non-voting member	Zia	Danish	UL