

Meeting Minutes

Meeting Date: 17 April 2023
Meeting Time: 03:45 PM – 5:30 PM;
Location: Sheraton Sand Key, Clearwater, FL

A. Call to order

The meeting was called to order at 3:45pm by the Chair.

B. Approval of agenda

The participants reviewed the proposed meeting agenda. Donnie Swing made a motion to approve the agenda. The motion was seconded by Doug Edwards. No discussion and the motion was approved by unanimous consent.

C. Attendance

Introductions were made by all of the attendees.

Name	Affiliation	Role
Christian, Michael	ABB	Guest
Edwards, Doug	Siemens Industry	Member, Committee Chair
Flowers, Keith	Siemens Industry	Chair, Standards Coordinator
Hurst, Bill	GE Grid Solutions	Member, HVS Chair
Mizener, Jeff	Siemens Industry	Member, LVSD Chair
Schuetz, Carl	American Transmission Company	Member, HVCB Chair
Swing, Donnie	Powell Industries	Member, Committee Vice-Chair & AdsCom Chair
Webb, John	ABB	Member, Committee Secretary

The ex-officio membership of the EPAG consists of the Switchgear Committee Officers, as well as the Subcommittee Chairs (or their appointed designee). Quorum is therefore not a consideration.

D. New business

Potential PARs

The following projects have been forwarded to the Switchgear Committee for consideration of accepting oversight by the IEEE Power and Energy Society (PES) Entity Proposal Management Committee (EPM). The recommendations of the attendees are as follows:

- **Revision PAR:** IEEE Std 1861 “Recommended Practice for On-Site Acceptance Tests of Electrical Equipment and System Commissioning of 1000 kV Alternating Current (AC) and Above”

1. Is the proposal with scope of the Switchgear Committee? (yes/no)

Consensus is that “yes, this is within the scope of the Switchgear Committee.”

Meeting Minutes

2. Are their similar or overlapping standards?

Not applicable – this is a revision PAR.

3. Is the Switchgear Committee willing to accept oversight of this proposal?
(lead sponsor, secondary sponsor, or none)

Consensus is that the Switchgear Committee should assume oversight of this PAR. If granted by the EPM Committee, this project will be assigned to the AdsCom Subcommittee.

- **EPM Project P0128:** “Guide for on-site lightening impulse test on gas insulated metal-enclosure switchgear”

1. Is the proposal with scope of the Switchgear Committee? (yes/no)

Consensus is that “yes, this is within the scope of the Switchgear Committee.”

2. Are their similar or overlapping standards?

Yes, the appropriate field tests for this type of equipment is covered by IEEE Std C37.122.

3. Is the Switchgear Committee willing to accept oversight of this proposal?
(lead sponsor, secondary sponsor, or none)

Consensus is that the Switchgear Committee should assume oversight of this project. If granted by the EPM Committee, this project will be assigned to the AdsCom Subcommittee.

- **EPM Project P0136:** “Recommended Practice for Acoustic Fingerprint-Based Online Monitoring Systems in Substation Equipment”

1. Is the proposal with scope of the Switchgear Committee? (yes/no)

Consensus is that “yes, this is within the scope of the Switchgear Committee.”

2. Are their similar or overlapping standards?

There are a number of similar standards covering aspects of this topic.

3. Is the Switchgear Committee willing to accept oversight of this proposal?
(lead sponsor, secondary sponsor, or none)

Consensus is that the Switchgear Committee would be willing to assume oversight of this project, however recommending that preference be given to Substations Committee or T&D Committee by EPM. If granted by the EPM Committee, this project will be assigned to the AdsCom Subcommittee.

Meeting Minutes

- **EPM Project P0140:** “Guide for testing techniques of direct current high-speed ($\leq 50\text{ms}$) switches rated above 550kV”
 1. Is the proposal with scope of the Switchgear Committee? (yes/no)
Consensus is that “yes, this is within the scope of the Switchgear Committee.”
 2. Are their similar or overlapping standards?
Yes, the scope of this project is wholly within the scope of IEEE Std C37.01.
 3. Is the Switchgear Committee willing to accept oversight of this proposal? (lead sponsor, secondary sponsor, or none)
Consensus is that the Switchgear Committee should assume oversight of this project. If granted by the EPM Committee, this project will be assigned to the HVCB Subcommittee, with a recommendation that the proposers become involved with the ongoing development of IEEE Std C37.01.

- **EPM Project P0141:** “Guide for Maintenance, Test and Extension work for Energized Gas Insulated Metal-enclosed Switchgear”
 1. Is the proposal with scope of the Switchgear Committee? (yes/no)
Consensus is that “yes, this is within the scope of the Switchgear Committee.”
 2. Are their similar or overlapping standards?
Not applicable – this is a proposal regarding a common application.
 3. Is the Switchgear Committee willing to accept oversight of this proposal? (lead sponsor, secondary sponsor, or none)
Consensus is that the Switchgear Committee should assume oversight of this project. If granted by the EPM Committee, this project will be assigned to the AdsCom Subcommittee. However, this project is most appropriately a technical paper, and not suitable as a standard, guide, or recommended practice.

Recommendations of the EPAG will be provided back to IEEE PES EPM by the EPAG Chair.

IEC New Work

- **IEC ACTAD:** Guidelines for HVDC
IEC ACTAD has a liaison relationship with IEEE Standards Association. The IEC ACTAD has issued a call for experts within IEEE PES regarding high-voltage dc circuit breakers and associated equipment. Any volunteers should be referred to the EPAG Chair.

Meeting Minutes

- **IEC SEG 13:** Electrical Equipment Under Extreme Climate, Environmental, and Disaster Conditions

IEC SEG 13 has issued a call for experts for standardization efforts with regard to harsh environments resulting from climate change issues. Any volunteers should be referred to the EPAG Chair.

E. Adjournment

With conclusion of the agenda items, the meeting adjourned at 5:30 pm.

Reported by:



Keith Flowers
EPAG Chair
April 17, 2023