

Study Group – HVDC Switch
Minutes 5/5/2020

An online Skype meeting was held on Tuesday 5/5/2020 with James Houston as Study Group Chair.

Attendees:

Jacob Blake	Jeremy Moore	Bill Hurst	Danny Hoss
Carl Reigart	Tim Cook	Eros Stella	Brett Boles
James Houston	Laura Reid	Pete Kowalik	Zia Danish
Sterling Cochran	John Kaminski	Ashley Moran	

The IEEE PAR form was prepared for submission to REVCOM. See attached pdf. Additional edits are pending action items below. A conference call will be scheduled with the Study Group prior to submission.

It was determined that more information was needed to determine if a dual logo with IEC should be pursued. Action items include:

- Eros Stella would contact the IEC Chair, Motokaru Shiiki, of their DC switch standard to get their thoughts on dual logo.
- DC breaker committee chair Joanne Hu, would be contacted to get their thoughts on why they did not pursue dual logo. James Houston to contact.
- A conference call to discuss further will be scheduled to resolve the dual logo question prior to submitting the PAR to REVCOM. James Houston to schedule.
- A list of preferred ratings is to be developed by: Laura Reid, Carl Reigart, John Kaminski to be presented at the fall meeting.
- The working group name shall be changed from “High Voltage DC Air Switches Over 1000 Volts(PE/SWG/HVDC Air Switches)” To “High Voltage Air Switches Over 1000 Vdc (PE/SWG/HVDC Air Switches)”. James Houston to resolve.



Draft Par
PC37.30.7.pdf

Thanks for your participation and stay safe

James Houston

PC37.30.7

Submitter Email:**Type of Project:** New IEEE Standard**Project Request Type:** Initiation / New**PAR Request Date:****PAR Approval Date:****PAR Expiration Date:****PAR Status:** Draft

1.1 Project Number: PC37.30.7**1.2 Type of Document:** Standard**1.3 Life Cycle:** Full Use

2.1 Project Title: Standard Requirements for High-Voltage Air Switches Rated Above 1000 Vdc

3.1 Working Group: (Requested) High Voltage DC Air Switches Over 1000 Volts(PE/SWG/HVDC Air Switches)**3.1.1 Contact Information for Working Group Chair:**

None

3.1.2 Contact Information for Working Group Vice Chair:

None

3.2 Society and Committee: IEEE Power and Energy Society/Switchgear(PE/SWG)**3.2.1 Contact Information for Standards Committee Chair:****Name:** Keith Flowers**Email Address:** keith.flowers@ieee.org**3.2.2 Contact Information for Standards Committee Vice Chair:****Name:** Douglas J Edwards**Email Address:** doug.edwards@ieee.org**3.2.3 Contact Information for Standards Representative:****Name:** Michael Wactor**Email Address:** mwactor@ieee.org

4.1 Type of Ballot: Individual**4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:** Dec 2022**4.3 Projected Completion Date for Submittal to RevCom:** Oct 2024

5.1 Approximate number of people expected to be actively involved in the development of this project: 30**5.2 Scope of proposed standard:** This standard covers preferred ratings, construction and testing requirements, and application, loading, installation, operation and maintenance guidelines for all high-voltage enclosed and non-enclosed, indoor and outdoor air switches rated in excess of 1000 Vdc. This includes such switch types as disconnect, horn-gap, and ground for manual or power operation. The following switch types are not covered by this standard: interrupter switches, distribution cutouts fitted with disconnecting blades, and switches used in metal-enclosed and pad-mounted switchgear. This standard also does not apply to load-break separable insulated connectors, circuit-breakers, circuit-switchers, or reclosers.**5.3 Is the completion of this standard contingent upon the completion of another standard?** No**5.4 Purpose:** This document will not include a purpose clause.**5.5 Need for the Project:** Development of high voltage DC transmission facilities continues to expand across the world and there is a need for an IEEE DC switch standard. This standard will address this need.**5.6 Stakeholders for the Standard:** Equipment Manufacturers, utilities, testing laboratories, industry

6.1 Intellectual Property**6.1.1 Is the Standards Committee aware of any copyright permissions needed for this project?**

No

6.1.2 Is the Standards Committee aware of possible registration activity related to this project?No

7.1 Are there other standards or projects with a similar scope? No

7.2 Is it the intent to develop this document jointly with another organization? No

8.1 Additional Explanatory Notes :