

**Minutes of High Voltage Switches Subcommittee Meeting  
St. Pete Beach, FL  
April 29, 2015**

**Greetings and Introductions**

The Subcommittee was called to order at 1:30 PM on April 29, 2015. See the roster included at the end of this document and the published Spring 2015 IEEE/PES Switchgear Committee Meeting schedule. 7 of 9 Voting Members, 1 Corresponding member and 12 Guests were present. Two members were excused absences. The membership roster was updated.

**Approval of Minutes**

Minutes of the Fall 2014 meeting held on September 24, 2014 in Asheville, NC were approved.

**WG PC37.30.1 - IEEE Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V**

- The Subcommittee Chair reported on behalf of Ken Harless, WG Chair.
- Mr. Reigart brought a motion from the Working Group PC37.30.1 to create an amendment to IEEE Std C37.30.1TM-2011. The amendment would close a loophole in Sub clause 8.6.3 Criteria for acceptance, in 8.6 Mechanical operations tests, of IEEE Std C37.30.1TM-2011. A motion was approved to present in the HVS Subcommittee meeting a proposal for an Amendment with the following wording – “In the case of silver contacts, wear through the silver to its substrate material (such as copper) shall be considered a failure.” During discussion of the original motion a motion was made to modify the original motion by adding the wording “If there is any increase in contact resistance of more than 20% a temperature rise test is required.” The motion to amend and the amended motion passed.
- Mr. Reigart brought a recommendation from the Working Group that a new document be created under the subcommittee to capture Definitions contained in IEEE Std C37.100 TM -1992 (R2001), which document is going to be withdrawn by IEEE. The motion was made and after significant discussion was passed by the subcommittee to create a new document. A PAR request will be submitted to IEEE-SA.

**WG PC37.30.2 – Guide for Wind Loading Evaluation of High Voltage (>1000 V) Air Break Switches**

- The meeting was held April 27, 2015. See the published minutes of the meeting.
- Mr. James Houston, WG Chair, reported that the first ballot comments were reviewed by the Working Group.
- Mr. Houston indicated that a Recirculation after this meeting.

**WG PC37.30.3 – Standard Requirements for High Voltage Interrupter Switches, Interrupters or Interrupting Aids Used On Or Attached To Switches Rated for Alternating Currents Above 1000 Volts**

- The meeting was held April 27, 2015. See the published minutes of the meeting.
- Mr. Danny Hoss, WG Chair, reported that work continued on the document and comments.

**WG PC37.30.4 - Standard for Test Code for Switching and Fault Making Tests for High Voltage Interrupter Switches, Interrupters or Interrupting Aids Used On or Attached to Switches Rated for Alternating Currents Above 1000 Volts** (Formerly IEEE Std 1247<sup>TM</sup>-2005).

- The meeting was held April 28, 2015. See the published minutes of the meeting.
- In the absence of the Mr. Bill Hurst, the WG Chair, several Working Group members reported on progress of the WG, which is contained in the minutes of the meeting.

**Old Business**

- Mr. James Houston updated the Subcommittee on the proposal to start a project under the HVS Subcommittee with the goal of advancing knowledge and guidance for interrupting with Horn Gap switches. Mr. Houston advised that NEETRAC had for the second time declined the project due to “lack of interest”. Mr. Houston and Carl Reigart agreed to work with Frank Lambert of NEETRAC to see if a different presentation might help the project gain acceptance.

### **New Business**

- 2018 Projects Deadline -  
The need to complete certain open projects prior to the close of calendar year 2018, based on IEEE-SA mandate was discussed. The following schedules were established by the Working Group Chairs –
  - WG PC37.30.1: active WG, target to start ballot process 1-2018 and submit to RevCom 10-2020. (Document valid through 2021)
  - WG PC37.30.2: active WG, Recirculation to go out in May 2015, submit to RevCom 10-2015.
  - WG PC37.30.3: active WG, expect to begin ballot process 11-2015, to be done concurrently with PC37.30.4. Submit to RevCom by 10-2017.
  - WG PC37.30.4: active WG, expect to begin ballot process 11-2015, to be done concurrently with PC37.30.3. Submit to RevCom by 10-2017.
- New members were elected to the HVS subcommittee
  - Kyle Stechschulte - AEP
  - Glenn Dorsey - Siemens

### **Next Meeting**

The chairman announced that the next HVS Subcommittee meeting will be held September 23, 2015 in San Diego, CA, USA

### **Adjournment**

The meeting adjourned at 2:25 PM on April 29, 2015.

Respectfully submitted,  
Carl D. Reigart  
HVS Subcommittee Chair

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## Attendance Roster

Name	Affiliation/Sponsor	Status	Sign In
DeCesaro, Frank	Eaton's Cooper Power Systems	M	P
Hall, John	TVA	M	P
Harless, Ken	PASCOR Atlantic	M	E
Hoss, Danny	Southern States, LLC	M	P
Houston, James	Southern Company Services	M	P
Hurst, Bill	AREVA T&D	M	E
McMullen, David	Southern Company	M	P
Reigart, Carl	Hubbell Power Systems	M	P
Sharma, Devki	Consultant/ENTERGY	M	P
Adiqui, JohnPaul	Southern California Edison	G	P
Blake, Jacob	Hubbell Power Systems	G	P
Brown, Steven	Allen & Hoshall, Inc.	G	P
Corley, Chuck	Eaton's Cooper Power Systems	G	P
Dorsey, Glenn	Siemens Industry, Inc.	G	P
Kohler, Thomas	Ameren	G	P
Kowalik, Peter	Cleaveland/Price	G	P
Li, Wangpei	Eaton Corporation	G	P
Rhein, David	Turner Electric	G	P
Robinson, Otis	Dominion Virginia Power	G	P
Rokser, Ian	Eaton Corporation	G	P
Stechschulte, Kyle	AEP	G	P
Ambrose, Chris	Federal Pacific	C	P

C = Corresponding Member of HVS Subcommittee

M = Member of HVS Subcommittee

G = Guest

A = Absent

P = Present

E = Excused