

IEEE/PES SWITCHGEAR COMMITTEE MAIN COMMITTEE BUSINESS MEETING MINUTES

01-October-2009, Denver, CO USA

1. Call meeting to order..... Chairman B. Long
 - Called to order at 9:35AM
2. Introduction of Members and Guests, Attendance / Quorum T. Olsen
 - 51 members, plus 1 honorary member, present (including new members) out of 71 members (including new members), quorum $51/71 = 71.8\%$ - quorum present. 6 members added during meeting.

THANK YOU to our sponsors for this meeting!

Eaton
Pennsylvania Breaker
Powell

Cooper Power Systems
Southern States
Mitsubishi Electric

Appreciation is also extended to Terry Williams for meeting planning assistance!

3. Approval of minutes of Spring 2009 meeting in Asheville T. Olsen
 - Minutes approved as posted (without changes)
4. Chairman's ReportB. Long
 - All activities going reasonably well
 - New members F DeCesaro, D. Konkle, H. Heiermeier, J. Webb, J. Mizener, D. Parker
5. Technical Council ReportB. Long
 - Concerned about the level of activity of the TC – monthly teleconference has few participants and is ineffective.
6. Standards Board and PES Coordinating CommitteeM. Wactor
 - All standards to be withdrawn are being addressed, subject to discussion of C37.100.
7. Meetings and PublicationsK. Edwards
 - Myrtle Beach, Las Vegas, Orlando or St. Pete Beach, Nashville, St. Pete Beach or Orlando, Montreal (S2010, F2010, S2011, F2011, S2012, in order)
 - Larry Farr volunteered to head Meeting Planning Committee.
 - Ray Capra requested to step down.
 - Lots of papers proposed for T&D show – to be sent out for review

Subcommittee Reports

8. Administrative.....K. Edwards
 - Nothing major to report
9. Education, Recognition & PublicationsM. Glinkowski
 - Revise scope for ER&P.
ER&P moved to accept new scope, as follows:

Education, Recognition, and Publication Subcommittee (ER&P)

- a. Promote switchgear education, technical tutorials and presentations. Provide recognition of significant achievements in the switchgear field at the IEEE, PES, and Switchgear Committee levels;
- b. Encourage writing of, coordinate review of, and assist in gaining approval to present and publish, technical papers;
- c. Coordinate with other technical committees, groups, societies, and associations as required;
- d. Develop, maintain, and update the Switchgear Committee Web site

As a motion from a standing subcommittee, the motion requires no second. Motion passed unanimously.

- See additional notes on minutes of meetings, later in these minutes
- New honorary member – B. Bergman
- IEEE-SA International Award presented to D. Stone
- Switchgear Committee Distinguished Service Award awarded to M. Fortin.

10. High Voltage Fuses J. Leach

- Report submitted.
- No change requested to the scope of HVF.

11. High Voltage Switches A. Dixon

- Scope revision for HVS

HVS moved to accept new scope. As a motion from a standing subcommittee, the motion requires no second. R. Dotson moved (J. Leach second) to make several changes – change “load break separable” (in item c) to delete “load break”; change 3000 V dc (in beginning) to 3200 V dc; and to change “rated 38 kV ac” (in item g) to “rated 38 kV ac and below”. Motion to amend passed with two abstentions and no negatives. Amended motion passed with two abstentions and no negatives. Final HVS scope as approved during meeting:

High Voltage Switch Subcommittee (HVS):

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:

- a. Distribution cutouts.
- b. Switches used in metal-enclosed and pad-mounted switchgear.
- c. Separable insulated connectors.
- d. Circuit-breakers, circuit-switchers, sectionalizers and reclosers.
- e. Gas-insulated switchgear.
- f. Capacitor switches.
- g. Switches rated 38 kV ac and below used on distribution systems except air insulated overhead applications.
- h. Fuses equipped with integral switches.

12. High Voltage Circuit Breakers R. York

- Add C0 to ratings in C37.04 as an optional rating
- Scope revision for HVCB:

HVCB moved to accept new scope. As a motion from a standing subcommittee, the motion requires no second. P. Dilillo moved (R. Dotson second) to change “circuit breakers” (in item a) “circuit breakers and circuit switchers”. Motion to amend passed with one abstention and no negatives. Amended main motion passed with one abstention and no negatives. Final HVCB scope as approved during meeting:

- High Voltage Circuit Breaker Subcommittee (HVCB)
- a. Treatment of all matters relating to high voltage power circuit breakers and circuit switchers (above 1000 V ac and 3200 V dc).
 - b. Develop and maintain related standards, recommended practices, and guides for such products.
 - c. Coordinate with other technical committees, groups, societies, and associations as required.
- New HVCB chair (in 2010) will be Rod Sauls, and secretary will be Mauricio Aristizabal
13. Low Voltage Switchgear Devices K. Flowers
- No change requested to the scope of LVSD.
 - It is expected that an appeal will be submitted regarding the decision of the LVSD on the request for explanation relative to C37.13. The appeal will be submitted to the Switchgear Committee chair.
14. Reclosers and Other Distribution Equipment S. Meiners
- Scope revision for RODE:
- RODE moved to accept new scope. As a motion from a standing subcommittee, the motion requires no second. C. Ambrose moved (A. Dixon second) to amend and several changes were incorporated. The motion to amend passed with no abstentions or negatives. The amended motion passed with no abstentions or negatives. Final RODE scope as approved during the meeting:
- Reclosers and Other Distribution Equipment Subcommittee (RODE)
- a) Treatment of all matters relating to distribution switchgear rated above 1000 V ac up to and including 38 kV ac and associated overcurrent protective equipment and controls. This includes reclosers, sectionalizers, fault interrupters, capacitor switches, pad-mounted, and submersible switchgear; except for fuses and overhead air switches.
 - b) Develop and maintain related standards, recommended practices, and guides for such products.
 - c) Coordinate with other technical committees, groups, societies, and associations as required.
15. Switchgear Assemblies A. Morgan
- No change is requested to the scope of SA.
 - All other activities are moving according to plan.

Liaison Reports

16. ASC C37 T. Olsen
- Report will be posted with the minutes.
17. High Voltage Test Techniques F. DeCesaro
- IEEE 4 should be out for ballot near the end of the year 2009. Sign up now.
18. STLNA K. Smith
- Paul Leufkin (KEMA) represented STLNA at STL meetings.
 - STL guides accepted
 - A new STL website is in process. All STL guides will be available for free download.
 - The round robin program to perform tests at several laboratories with a travelling current shunt will proceed in 2010.

- STL has created a standards interpretation request form with which to request an STL interpretation
- STLNA will host the STL management committee meeting just prior to the Switchgear Committee meeting in Myrtle Beach

19. CIGRÉ.....M. Glinkowski
- Report will be available with the minutes.

Old Business

20. Renumbering of new / revised standards to align with C37.100.1B. Long
- D. Stone – proposal for standard numbering of clauses for all switchgear documents. See attachment of proposal, which was discussed and approved in ADSCOM this morning. To implement this proposal, D. Stone prepared a Switchgear Committee version of the IEEE-SA template. ADSCOM approved the proposal and urges that all working groups consider use of the Switchgear template for all non-dual-logo documents. The Switchgear version of the template will be added to the Switchgear Committee website.

21. NETA – ANSI standards for maintenance of switchgearB. Long
- Nothing new to report.
 - We need to obtain specific examples of situations in which NETA did not follow their own procedures.

22. Meeting preparation – WG / SC chairs, agenda, roster, AMS, minutes of previous meetings, information for booklet..... T. Olsen
- For the Denver meeting, we had many problems with meeting schedules, due primarily to failure to submit requests for meeting space. Each subcommittee chair is responsible for submitting requests for meeting time slots to the Committee Secretary, and groups (WGs or TFs) that report to ADSCOM must submit requests to the Committee Secretary.
 - We have a limited number of meeting slots and meeting rooms, and no guarantee is made that we will always be able to meet everyone’s demands.
 - Minutes will be posted earlier – minutes are due to the Committee Secretary within 2 weeks (i.e., by October 15).
 - Minutes will be converted to .pdf for posting.
 - Do not submit Excel spreadsheets for posting. Files for interactive work should not be submitted for posting (this is highly discouraged).
 - When files are sent for posting, the secretary will respond back acknowledging receipt – if you do not get a response back, assume that the transmittal did not get through.

New Business

23. SF₆ and California Air Resources Board.....N. McCord
- The California Air Resources Board (www.arb.ca.gov) is developing new regulations on the use of SF₆ in electrical apparatus. The proposed regulations and related material are available at their website. A partial listing follows:
 - Proposed regulation (draft August 20,2009)
<http://www.arb.ca.gov/cc/sf6elec/meetings/090209/gisdraftregulations.pdf>
 - SF6 Reduction Measure
<http://www.arb.ca.gov/cc/sf6elec/meetings/090209/gisworkshoppres.pdf>
 - Meetings and workshops (including the most recent meeting of Sept. 2, 2009)
<http://www.arb.ca.gov/cc/sf6elec/meetings/meetings.htm>

- Climate change – SF6 Emission reductions webpage
<http://www.arb.ca.gov/cc/sf6elec/sf6elec.htm>
- California ARB contacts:
<http://www.arb.ca.gov/cc/sf6elec/contacts.htm>

24. Switchgear Committee Operating Procedures..... T. Burse
- Should have new draft O&P out for comment main committee 60 days prior to the meeting Myrtle Beach
25. Future MeetingsR. Capra
- Spring 2010: April 25 – April 29, Sheraton Myrtle Beach (SC) Convention Center
 - Fall 2010: (tentative) Las Vegas ??? or Nashville ?? or (insert city name here)
 - Spring 2011 (insert city name here)

We are looking for future locations, so if you would like the IEEE Switchgear Committee to come to your city, please contact:

Larry Farr, Ray Capra, Ted Olsen, Ken Edwards, or Bill Long.

Adjournment

26. The business of the committee being completed, the meeting was adjourned at 11:15AM with no objections.