

**IEEE/PES SWITCHGEAR COMMITTEE**  
**Minutes - Main Committee Meeting**  
**07 May 2009, Asheville, NC USA**

1. Call meeting to order.....Chairman W. Long
  - Meeting called to order at 9:31AM.
  - A moment of silence was observed for the family of Julie Anderson, wife of Mike Anderson, who passed away on Sunday as this meeting was beginning.
2. Introduction of Members and Guests, Attendance / Quorum .....K. Edwards  
 53 members are present of 68 total members, so a quorum exists.

Attendance statistics for the Spring 2009 meeting in Asheville:

- 152 registrants
- 16 newcomers
- 35 companions
- 125 (+ 12 from sponsor) = 137 social
- 103 luncheon

**THANK YOU** to our sponsors for this meeting!

<p><b>Eaton</b>  <b>Cooper Power Systems</b>  <b>NEMA</b></p>	<p><b>Powell</b>  <b>Pennsylvania Breaker</b>  <b>Mitsubishi Electric</b></p>
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Appreciation is also extended to Larry Farr for meeting planning assistance!

3. Approval of minutes of Fall 2008 meeting at Calgary ..... T. Olsen
  - The minutes from the Fall, 2008 meeting were approved as submitted.
4. Chairman’s Report .....W. Long
  - Nominations for elevation to main committee membership be submitted to the chair.
  - O&P procedures are under development as discussed later in the meeting. These are VERY important if we are to continue to have the ability to work on standards.
5. Technical Council Report.....J. Nelson / K. Edwards for W. Long
  - Tech Council is trying to increase cooperation among the technical committees.
6. Standards Board and PES Coordinating Committee.....M. Wactor
  - Nothing to report
7. Meetings and Publications ..... J. Nelson / K. Edwards
  - There are no Switchgear Committee papers for the upcoming PES General Meeting. There is discussion about the perceived reduced quality of the papers, and the significant increase in numbers of papers.
  - Tech Council is looking for ways to make our Standards more highly visible.
  - Question about finding standards – put link to IEEE in the minutes.

**Subcommittee Reports**

8. Administrative.....K. Edwards
  - No items to report.
9. Education, Recognition & Publications .....M. Glinkowski
  - Distinguished Service Award presented to P. Dwyer
  - Technical Committee WG Award presented to D. Duforenet for C37.011, Application Guide for TRV, and the members of the WG.
10. High Voltage Fuses..... J. Leach
  - Present subcommittee scope is “Treatment of all matters relating to fuses above 1500 Volts AC and 3000 volts DC.”. Motion made by the subcommittee (no second required) to change in scope of the HVF to “Treatment of all matters relating to fuses above 1000 Volts ac.” This

eliminates reference to dc and makes the voltage value uniform. Motion passed unanimously.

11. High Voltage Switches ..... A. Dixon
  - No items to report.
12. High Voltage Circuit Breakers..... R. York
  - HVCB moves that all dual-logo documents be identified with both an IEEE document number (e.g., C37.60) and an IEC identification number (e.g., 62271-111). As a motion from a subcommittee, no second is required. Motion passed unanimously.
13. Low Voltage Switchgear Devices ..... K. Flowers
  - No items to report.
14. Reclosers and Other Distribution Equipment..... S. Meiners
  - No items to report.
15. Switchgear Assemblies ..... A. Morgan
  - No items to report.

### **Liaison Reports**

16. ASC C37 ..... T. Olsen
  - The revised delegations are essentially in place. It is expected that ballots for reaffirmations of several documents will be initiated in a few weeks, and that new operating procedures will be sent out for comments. It is planned that ASC C37 will meet during the Fall 2009 Switchgear Committee meeting in Denver.
17. High Voltage Test Techniques.....F. DeCesaro
  - Revision of IEEE 4 (dielectric testing) is underway, with the expectation that it will be balloted in October, 2009.
18. STLNA..... R. K. Smith / F. DeCesaro
  - Kirk Smith is the new chair of STLNA
  - STL has received membership applications from High Power Testing Liaison (CHPTL from China) and Korea Electrotechnology Research Institute (KERI).
  - The STL management committee meets in May. Mr. Faber from CESI and Mr. Andre Lathouwers from KEMA are candidates for technical committee chair. STLNA will vote for Mr. Lathouwers.
  - STLNA has received a request for membership from NEETRAC.
  - STL Guides to IEC standards will soon become available free to the general public.
  - STLNA was provided a draft copy of the draft revision of IEEE 4. The revision is in final stages of editing, and it is expected that balloting will begin in October of 2009.
  - STLNA will develop a forum for non-members to request test-related interpretations of standards. The first draft is expected to be ready by the Switchgear Committee meeting in Fall, 2009.
19. CIGRÉ.....M. Glinkowski
  - New working groups being formed – contact M. Glinkowski if interested in participating:
    - A3.24 – Tools for simulating internal arc and current withstand testing
    - A3.25 – Metal-oxide varistors and surge arresters for emerging system conditions
    - A3.26 – Influence of shunt capacitor banks on circuit breaker fault interruption duties
    - A3.27 – The impact of the application of vacuum switchgear at transmission voltages
    - A3.2x – Management of aging substation equipment

### **Old Business**

20. Renumbering of new / revised standards to align with C37.100.1 .....W. Long
  - From the minutes of the Fall 2008 Main Committee meeting in Calgary:
    - ADSCOM Motion for support of C37.100.1 .....W. Long
    - ADSCOM Motion that the Main Committee shall communicate to IEEE that the IEEE SA should allow and support the use of the numbering system of C37.100.1 in all Switchgear Committee documents.
    - Amended Motion that the Main Committee shall communicate to IEEE that the IEEE SA should allow and support the optional use of the numbering system of C37.100.1 in Switchgear Committee documents.

- Voted and approved unanimously.
  - ACTION: Secretary and Standards Coordinator to prepare letter for Main Committee Chair to sign and forward to IEEE-SA requesting that the alternative numbering system for clauses as used in C37.100.1 shall be included in the style manual and templates.
21. NETA – ANSI standards for maintenance of switchgear .....A. Storms / W. Long
- A letter protesting the NETA documents that cover switchgear issues and certification of technicians will be prepared and submitted to IEEE and ANSI.
22. Meeting preparation – ..... T. Olsen
- WG / SC chairs, agenda, roster, AMS, minutes of previous meetings, information for booklet

**New Business**

23. Switchgear Committee Operating Procedures ..... T. Burse
- TF met on Tuesday. Documents have been distributed and response by May 19 to determine the direction of future activity. We must have O&P approved by the Switchgear Main Committee, by the Tech Council of PES, and by the IEEE-SA Standards Board before the end of 2010. This requires that we have a draft set of O&P for voting at the Fall 2009 meeting in Denver.
24. New banking arrangement – IEEE Concentration Banking Program..... T. Olsen
- General discussion.
25. Future Meetings .....R. Capra
- Fall 2009: Sept. 27 – Oct. 1, Hyatt Regency Denver (CO) Convention Center
  - Spring 2010: April 25-29, Sheraton Myrtle Beach (SC) Convention Center
  - Fall 2010: (tentative) Las Vegas (Golden Nugget) or Nashville or (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:  
Ray Capra, Ted Olsen, Ken Edwards, or Bill Long.

Meeting adjourned at 11:42AM.