

IEEE/PES SWITCHGEAR COMMITTEE MAIN COMMITTEE BUSINESS MEETING MINUTES

11 May 2006
Galveston, Texas

1. Call meeting to order Chairman Jeff Nelson
Moment of silence in memory of Larry McCall
2. Introduction of Members and Guests (See Attachments 1, 2 and 3)

THANK YOU POWELL, GE and EATON for sponsoring this meeting !

3. Approval of minutes of Fall 2006 meeting at Montréal Bill Long
..... [Unanimous]
4. Chairman's Report Jeff Nelson
5. Technical Council Report Jeff Nelson
6. Standards Board and PES Coordinating Committee ... Dean Sigmon
Standards requiring **ACTION** by 6-October: C37.04, -.09, -.013, -.015, -.081,
-.083, -.13, -.27, -.20.3, -20.4 and C37.100.

ACTION C37.100 is to become a compendium – write to Sue Vogel CC: to Olsen

7. Meetings and Publications Ted Burse

Subcommittee Reports

8. Administrative Ted Burse
NELSON: Bill Chiu – Metrification Letter from TX Committee, pointing out that some “parameters” have been traditionally identified by the “units” in which they are measured, for example the “kVA” or “MVA” rating” of a transformer is commonly used where “power” may be more technically correct.

(See Attachments 4)

NELSON: My Ballot --> My Project: Standards Coordinator no longer has to assign designee – now Subcommittee Chairs will assign designees (normally WG Chairs) then WG chairs will be responsible for progress of the work.

(See Attachments 5)

OLSEN: Referred to his prior proposal for consistent “front format” for each Swgr Committee standard. (See Attachments 6)

Discussed and approved at an earlier meeting, but that vote may have been invalid due to lack of quorum when vote to adopt was taken. Therefore, motion to approve was made again today, [Olsen moved; Alexander seconded]; because there is a quorum here:

**The results are [Approved – 34; not approved – 0; not voting – 0]
And the Proposal is adopted.**

9. Education, Recognition & PublicationsMietek Glinkowski

**ACTION – Subcommittee Chairs: MINUTES are due 26-May – Please!
The Switchgear Committee is pleased to recognize the following:**

Ted Olsen – is awarded the **IEEE–SA Standards Medallion**. Furthermore Mr. Olsen was presented with very the first order of the **“RED QUILL”** award by Mr. Montillet from HVCB, for his many thoughtful suggestions during the recent ballots of drafts for revisions of HVCB standards.

Prize Paper Award – Dr. Klaus Frölich and A. Poltl

Technical Committee Award – C37.63 – MARCEL FORTIN

Technical Committee – Distinguished Service Award – STAN TELANDER

Technical Council – Distinguished Service Award – WARD LAUBACH

2006 new IEEE Fellow – Roy Alexander

10. High Voltage Fuses Tim Royster

2 WG chairs – Leach, and Stavnes

- C37.43 – to editor then ballot
- C37.45 – forming balloting pool
- C37. 42 – work has just begun on a revision
- Mr. Royster announced that he is stepping down as Chair of HVF sub-committee. New Chair – John Leach; Secretary – Frank Muench

11. High Voltage Switches..... Alex Dixon

2 WGs _

- Harmonization & consolidation PC37.30.1 Editorial Consolidation of many
- IEEE 1247 – Interrupter Switches – to be published in June
- Question was raised, should 1247 move from HVS to ADSCOM ?
- Is more like a Common Clause
- whole thing? only Cap Sw?
- next time will have a new number in the HVS series, C37.39

12. High Voltage Circuit Breakers.....William Bergman

- Met Wednesday afternoon with 26 members + 19 guests
- 25 documents, 14 actively being revised
- Correcting publishing errors in C37.04-1999, and C37.09-1999 – is being done to preserve the heritage of the “1-cos” and “Ex-Cos” methods of describing TRV, since then next revisions will converting to 2-parameter & 4-parameter
- When Supplements / AMENDMENTS are approved, a routine, editorial means is needed to combine the amendment into the original document

with approved amendment, without having a to take out a PAR for a formal revision.

- Keith Gray - will take this suggestion to Tech Council
- Publications “can” do it when it makes sense to them to do that
- NELSON – Noted that there was no opposition from anyone in the room
- -There is a need for a means to hold records of agreements, suggestions and comments received during periods when a document is not under revision, so that when work is begun on a revision, the information is available to the working group. Virtual Community? My Ballot?

13. Low Voltage Switchgear DevicesDoug Edwards |

- 5 WGs
- C37.13.1 – Puckett – should be approved – on REVCOM for June
- C37.16 – PAR being written
- C37.17 – revision for Trip Units for dc CBs
- New Sub-Committee Members include Keith Flowers and Allan Morse
- Continue try to attract and encourage new participants and new members –
- Publications: website and papers; What work are we doing NOW, and what are we planning to do in near future – Focus outside comm.

14. Reclosers and Other Distribution Equipment..... John Wood |

- 2 Standards beginning revisions
 - C37.60 Behl & Stone, Co-Chairs
 - C37.74 – Steve Meiners, Chair
 - C37.66 – Cap Sw - seeking chair
- 2 Task Forces
 - Distribution Line Controls – Problems for Substations, not covered in Lines
 - o 8 items: Grounds, vibrations, surges, harmonics, over heat (solar)
 - Solid Dielectric Equipment – Chris Ambrose
 - o Emerging technology – concerns about voids, design tests & routine tests
 - Mr. Wood announced that he will be stepping down as Chair of RODE sub-committee and Steve Meiners will become the new chair.

15. Switchgear AssembliesTed Olsen

Work has been completed by two working groups :

- WG C37.20.7
- WG C37.20.1a

first time meetings of WGs for revision of:

- C37.20.1b
- C37.20.2
- C37.20.6

New TF to study separate ac swgr (C37.20.1) and dc swgr (PC37.20.8) -

- C37.20.3
- C37.20.4

Bring PAR into electronics

Liaison Reports

16. **ASC C37****Ted Olsen**
Will submit report on C37.5X series and C37.85 avail for free download from
NEMA Website
(See instructions Attachment 7)
(See ASC C37 report Attachment 8)
17. **High Voltage Test Techniques**.....**Mel Smith**
HVTT meeting to revise IEEE 4
18. **STLNA** **Marcel Fortin**
Labs of Nations of Americas
Round Robin – High Current Measurements
International STL Guides – uniform testing procedures
- Fuse test Guides
- Fix Link to STLNA Web site(See STLNA Report Attachment 9)
19. **CIGRÉ...Int’l Council of Large Electrical Systems**..... **Roy Alexander**
- WG – Implications 3-ph line fault Higher TRVs
- WG Xi Zhu – simulations – to augment and / or replace type tests
- WG Interactions of polymeric housings and the recloser – what are the
issues??
- Next CIGRÉ conference is 5-day meeting in Paris end of August.
.....(See CIGRÉ report Attachment 10)
20. **IEC TAGS 17A and 17C..** (See USNC TAG 17A and 17C Attachment 11)
21. **Old Business**
ACTION: Please register for and use your IEEE Alias in e-communications relative to
the **Switchgear Committee** (See link posted on Committee Web Page.)
NOTE – Your “Replies” will automatically go to the address from whence it
was sent – and **NOT** to the “IEEE ALIAS” address
Change your “FROM” address to new IEEE Alias.
22. **New Business**
o Participation at this week’s meetings: Bill Long
Registered – 141; Companions, including 19 newcomers; Tuesday
Luncheon – 94; Wed Social – 106; New – 19.
o Participation at this meeting of the Main Committee Bill Long
Please see two attachments:
- Main Meeting Attendance of Members
- Main Meeting Attendance of Guests
23. **Future Meetings**
a) 1-5 Oct 2006 – Milwaukee, WI
b) 6-10 May 2007 – St-Pete Beach, FL
c) 23 – 27 Sept 2007 – Philadelphia, PA or Pittsburgh, PA
d) 4-8 May 2008 – Portland, OR or Las Vegas, NV