

**IEEE/PES SWITCHGEAR COMMITTEE
MAIN COMMITTEE BUSINESS MEETING MINUTES
1 - 5 October 2006, Milwaukee, WI**

1. Call meeting to order..... Chairman, Jeff Nelson
2. Introduction of Members and Guests: 148 registered; 21 NEW, 20 Companions;
103 for Tues. Lunch “Andre Marie Ampere”; 110 for Wednesday Evening Social.

THANK YOU! to our Gracious Sponsors for this meeting: **ABB, COOPER, EATON, KEMA, POWELL** and **Underwriters Laboratories!** Special thanks to **Frank & Nancy Muench and Dave & Nancy Stone** for arrangements in Milwaukee!!

3. Approval of minutes of Spring 2006 meeting at Galveston Bill Long
4. Chairman’s Report [[Notes from farewell message¹](#)] Jeff Nelson
5. Technical Council Report..... Jeff Nelson
 - Ward Laubach, was recognized – nominated by Pete Dwyer
 - New “Super Sessions” – proposed for General Meeting June 2007, TAMPA, FL
 - 2008 General Meeting in Pittsburgh
 - T&D every two years 2008 Chicago
 - PES President Tech Comm. Advisory Board – Jeff is member
 - [\[Highlights of TCAB Meeting \]](#) - sent to Swgr Comm. Mail List in September
 - Request feed back re: future tech papers presentations
6. Standards Board and PES Coordinating Committee Dean Sigmon
 - Action required on existing standards: C37.04, -.09, -.013, -.081, -.083, -.13, -.27
 - IEEE 100 new form, vs. C37.100 – (See full discussion under ADSCOM)

Switchgear Committee Staff Liaison with IEEE–SA_..... Matt Ceglia
Update re: “My Ballot” procedures

- Fewer ‘obstacles’ than as originally presented in Fall of 2005 (Montreal Mtg)
- **SCOPE & PURPOSE must be IDENTICAL –**
- MUST submit modified PAR if any changes
- **NEW [\[Tip Sheet\]](#)** – major topics (COPY ATTACHED)

7. Meetings and Publications Ted Burse
 - 2 papers: Georges Montillet (1) & Albert Livshitz (1)
 - 4 papers for T&D in Dallas: Marcel (2)
 - C37.100 – not sure what final form will be. Can/should we keep as C37 document?
 - Keith Gray will be liaison to IEEE 100 – OK to integrate C37.100 - if searchable
 - Keith will explain our situation to PES Gov’t

ACTION: All sub Com Chairs: PLEASE UPDATE YOUR Sub-Committee’s WEB PAGE
- ACTIVITIES: Which WG’s are meeting ? What new subjects are coming in future?

MOTION: Moved by Burse / seconded by Fortin: to AMEND – SCOPE of Switchgear Committee:
to DELETE “Network Protectors and Limiters” and “Separable Connectors”

APPROVED - Unanimously

- O&P Manual – REVISION to be balloted at Spring 2007 meeting

Note ¹ : [\[BLUE\]](#) = Please see Separate Attachment for more Information

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Subcommittee Reports [\[BLUE\]](#) = [Separate Sub-Committee Reports are Attached](#)

8. Administrative [\[ADSCOM\]](#)Ted Burse
(Copy of report attached)
9. Education, Recognition & Publications [\[ER&P\]](#) Keith Gray for Mietek Glinkowski
- Tuesday Lunch – “[The Life of André-Marie Ampère](#)” – by Georges Montillet
 - Thursday Tutorial – “[Type Tests of 800 kV Dead Tank CB](#)” – by Dr. Seung Jae Park
 - Recognitions of Sub-Committee Chairs:
 - o Tim Royster
 - o Plan to recognize past chairs of other sub-committees at spring 2007 meeting
10. High Voltage Fuses [\[HVF\]](#)John Leach
- Thanks to Tim Royster
 - .45 – passed vote – recirculated
 - .43 Cap Fuses near to ballot
11. High Voltage Switches [\[HVS\]](#).....Alex Dixon
- PC37. 30.1 consolidation editorial review required clarification of normative & informative parts – re-submit
 - Wind Load Task Force – type testing & procedures – will seek PAR for new Amendment to C37.30.1 – Safety Issue
 - WG 1247 – recommended:
 - o Test Code Portion to be extracted by a new ADSCOM WG – to be added to C37.100.1.
 - o Product portion to remain as 1247 – with new number
12. High Voltage Circuit Breakers [\[HVCB\]](#).....Bill Bergman
- 25 stds. / amendments
 - Corrections of C37.04 and C37.09 – correct EX-COS for legacy
 - Then Combine C37.04, .04a, .04b, 06, 06.1, parts of SG-4
 - C37.09, .09a, .09b and parts of SG-4
 - C37.013a, and 013
 - C37.082 has been reaffirmed – sound pressure levels – Candidate for Dual Logo
- MOTION:** BERGMAN – moved / Mel Smith seconded/ Determine if C37.082 is appropriate for Dual logo, and if so, go ahead with process. **APPROVED Unanimously.**
- C37.081 re affirm
 - C37.083 re affirm
 - C37.12.1 – new Guide – Instruction Manuals for HV CBs – collection of documents including contractual information - larger than today’s “Instruction Books”
 - o MV manufacturers’ concerns – difficult to use General form
 - o MV Users want to include MV CBs, as well as HV CBs, to use this new form

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12. High Voltage Circuit Breakers [[HVCB](#)]..... (cont'd)
- Transformer and Switchgear Committee – [TX & CB interaction – joint task force](#):
 - o BERGMAN moves / LAMBERT- Second / that SWGR Comm. to become Joint Sponsor with TX Committee – to cover TX – CB Interaction
 - o Joint Sponsor SWGR Task Force can review and comment BEFORE the ballot is sent out
 - o New PAR will be issued, which will require new ballot Group
 - o Working group – required new PAR with TX & SWGR Interaction
- Unanimous Approval: for Note from Chair (Nelson) to REVCOM ADMIN – Dave Ringle
- C57.16 – work continues (ref. Transformer Committee)
 - New Chair – Rich York, New Secretary – Rod Sauls
 - Rev. IEEE 1036 Application Guide for Shunt Capacitors is out for ballot
 - IF not in ballot pool, may send “rogue” comments to WG Chair
Jeff Nelson and Roy Alexander and Matt Ceglia
13. Low Voltage Switchgear Devices [[LVSD](#)]Doug Edwards
5 ACTIVE Working Groups
- C37.13
 - C37.27
 - C37.13.1 – EXPECT TO COMPL
 - C37.16 – PREFERRED RATINGS – PAR to NESCOM
 - C37.17 – REVISION BEING
 - o DC TRACTION – NOT WELL COVERED
 - o DC WILL BE MOVED TO C37.14 – NEW WG FOR REV C37.14 – (Chuck ROSS)
EXISTING ISSUES + Trip UNITS FOR
14. Reclosers and Other Distribution Equipment [[RODE](#)]..... Steve Meiners
- Thanks to John Wood for many years of faithful service – with good humor!
 - Welcome new sub-committee member – Jim Swank
 - Secretary for RODE is Chris Ambrose
 - New WG to revise C37.60 – to refer to C37.100.1 (Jodi Hasz will notify IEC)
 - C37.66 Cap Sw Std. - Harry Hirst, Chair
 - C37.74 PAR
 - New TF Controls for Distribution Equipment
 - Solid Dielectrics TF – Chris Ambrose & Bob Behl have good start - help from IEC –201
 - NEC 490 – service entrance Label for Pad Mount Switch
15. Switchgear Assemblies [[SA](#)]..... Ted Olsen
- C37.20.1b traction dc SWGR – at rev com
 - C37.20.3 & C37.20.4, C37.121 – are for reaffirmation
 - C37.22 revision to merge in C37.20.4 – C. Ball Chair.
 - C37.20.7 – legal issues – recirculation
 - C37.20.6 and C37.20.2 – new work beginning
 - LV dc Traction Power Equipment – possible new std. C37.20.8 ?

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Liaison Reports [\[BLUE\]](#) = [Separate Liaison Reports are Attached](#)

16. Accredited Standards Committee_ [\[ASC 37\]](#).....Ted Olsen
- Status Unchanged – EEI delegation is being re-established
- C37.51 – Revised operating conditions
- C37.50 – Revision proposed
17. High Voltage Test Techniques_ [\[HVTT\]](#)..... Mel Smith
- Met IEEE gen. mtg.– Montreal – IEC has new 60060 similar in scope to IEEE 4
18. Short-Circuit Testing Liaison Nations of the Americas [\[STLNA\]](#)..... Marcel Fortin
- Met on Tuesday evening, with distinguished guests from Korea’s high power laboratory
- Marcel Fortin has been reelected chairman for 2007
- STL Technical Committee to meet in Fall 2007 following the Swgr. Committee Mtgs.
19. International Council on Large Electric Systems [\[CIGRÉ\]](#)Roy Alexander
Conseil International des Grands Reseaux Electriques
- Study Committee A3 had 76 papers
- 10 WGs – 8 relate to SWGR –
 - o Survey
 - o Appl. Guide for 62271-100 – should be available in 1 month (2 volumes)
 - o CB Controls
 - o Fault Current Limiters
 - o Long Line TRVs
 - o Simulation to replace or extend test values
 - o Interaction for Non-Ceramic Housings
 - o Meeting 10-14 Sept 2007 in Rio de Janeiro
 - o Abstracts available (contact Roy Alexander for instructions)
20. **Old Business**
- At least 25 people have used IEEE Alias in e-communications for registration at this meeting of the Switchgear Committee – THANK YOU!
- Refer to [\[Alex Dixon’s Pros & Cons relative to using IEEE Alias\]](#)
- A group of interested switchgear committee members participated in a [conference call](#) with members of the [\[Transformer Committee’s working group PC57.142\]](#), on Tuesday morning to discuss the principal direction of their work involving [the interaction between transformers and circuit breakers](#).
21. **New Business**
- [John Brunke invites members to join new WG on GIS](#), with Substations Committee. Spring meetings with Swgr. Comm.; Fall meetings with Substations Comm.
- The new officers of the switchgear committee for 2007-2008 are:
- | | | |
|----------------|--|-----------------------------------|
| Ted A. Burse | tburse@ieee.org | Chair |
| Bill Long | bill.long@ieee.org | Vice-Chair |
| Michael Wactor | mwactor@ieee.org | Vice-Chair, Standards Coordinator |
| Ken S. Edwards | k.s.edwards@ieee.org | Secretary-Treasurer |
| Jeff Nelson | jeffnelson@ieee.org | Past Chair |

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22. **Future Meetings**

- a) 6-10 May 2007 – St. Pete Beach, FL
- b) 23-27 Sept 2007 – *TENTATIVELY* Philadelphia, PA or Pittsburgh, PA
- c) 4-8 May 08 – Las Vegas, NV; – Orlando, FL; – Asheville, NC; – Nashville, TN
- d) IF you would like the IEEE Swgr Committee to come to your city,
please contact Ken EDWARDS.

Respectively submitted: 12 Oct 2006 R. W. Long, Secretary