



Committee Officers

Chair ----- Ted Burse
Vice Chair/TCPC----- Bill Long
Vice Chair, Standards Coordinator ----- Mike Wactor
Secretary/Treasurer ----- Ken Edwards

Subcommittee Chairs

ADSCOM ----- Bill Long
ER&P ----- Mietek Glinkowski
HVCB ----- Rich York
HVF ----- John Leach
HVS ----- Alex Dixon
LVSD ----- Doug Edwards
RODE ----- Steve Meiners
SA ----- Ted Olsen

Subcommittee Legend

ADSCOM ----- Administrative
ER&P ----- Education, Recognition & Publications
HVCB ----- High Voltage Circuit Breakers
HVF ----- High Voltage Fuses
HVS ----- High Voltage Switch
LVSD ----- Low Voltage Switchgear Devices
RODE --- Reclosers and Other Distribution Equipment
SA ----- Switchgear Assemblies



IEEE Switchgear Committee Meeting Schedule

6 – 10 May 2007
St-Pete Beach, Florida

Welcome to St-Pete Beach !

Welcome to St-Pete Beach and the Spring 2007 Meeting of the IEEE PES Switchgear Committee!

This booklet has been prepared to give you basic information about the topics being worked on, to help you decide which meetings you will want to participate in. We welcome your comments and suggestions for our improvement in the future!

Sunday, 6 May

6:00-7:30 P.M.

Welcome Reception

Please join us for hors d'oeuvres and refreshments. All attendees and their guests are cordially invited to this informal welcome reception. This is a perfect opportunity to meet and greet our colleagues in Switchgear Standards development!

The reception will be held outside in the Horizons Room (Breckenridge Building). We would like especially to welcome new friends and colleagues, whom we haven't known before, as well as to catch-up with old friends whom we haven't seen for while.

Morning Sessions 7:00 – 9:00

Main Switchgear Committee Meeting

The agenda will include approval of the Minutes from the Fall 2006 meeting, the Chairman's Report, Technical Council Report, Standards Board and PES Coordinating Committee Report, Meetings and Publications Report, All Subcommittee Reports, the ASC C37 Report, STLNA and CIGRE Reports.

9:00 – 9:30

Coffee Break

9:30 – 10:30

TECHNICAL PRESENTATION

Substation Restoration after Katrina

Presented by Carlos Cruz-Montano, ENTERGY, New Orleans, LA.

10:30 – 12:00

TECHNICAL PRESENTATION

Fundamentals of the New IEC 61850 – What's in it for the Switchgear People

Presented by Dr. Bernard Deck.

Schedule at a Glance

Mon - Weds Morning Sessions

7:00 A.M. Breakfast Buffet (Mon. ORIENTATION)
7:30 A.M. Companion's Breakfast
8:00 A.M. Meetings
9: 45 A.M. Coffee Break
10:15 A.M. Meetings

Noon

Lunch Break

Mon – Weds Afternoon Sessions

1:30 P.M. Meetings (Except Tuesday - 2:00 P.M)
3:15 P.M. Break (Except Tuesday – 3:45 P.M)
3:45 P.M. Meetings

Wednesday Evening Social

6:00 P.M "Luau on the Beach" on the "Breck Deck" on the beach behind the Breckenridge Building.

Thursday Sessions

6:00 A.M. Thursday Breakfast Buffet
7:00 A.M. Meeting
7:30 A.M. Companion's Breakfast
9:30 A.M. Technical Presentation

Registration Desk Hours

Sunday 4:00 - 5:30 P.M.
Monday Tuesday and Wednesday at 7:00 A.M. and during Coffee Breaks. Registration closes at 10:15 A.M. Wednesday.

NOTE: Please see posted daily schedules or schedule

Morning Sessions 8:00 – 12:00

C37.17 I & II – American National Standard for Trip Devices for AC and General Purpose DC Low Voltage Power Circuit Breakers – Working Group Meeting to discuss general revision and update.

C37.30.1 I & II Harmonization of Switch Standards – C37.30, .32, .34, .36, .36b, & .37 – The WG will meet to continue with the process of consolidating HV Switch Standards with minimal technical changes. This is the first phase of a two-part process to harmonize with the IEC.

8:00 – 9:45

C57.142 – (draft) – Transformer – Circuit Breaker Interaction Phenomena – WG will review new PAR and draft, and develop comments to TX WG. (If interested please advise Steve Lambert, Chair.)

C37.301 (Formerly IEEE1291) – Partial Discharge Measurement In Power Switchgear – WG meeting for a complete revision of the 1993 Guide to make it a Recommended Practice.

C37.74 – Underground Switchgear – General revisions with possible new requirements for solid dielectric equipment design tests, routine tests and construction specifications.

10:15 – 12:00

Controls for Distribution Equipment Task Force I
The purpose of this task force is to identify special requirements for the controls of equipment on distribution lines and define the required testing.

C37.20.6 – 4.76 kV to 38 kV Rated Grounding and Testing Devices Used in Enclosures – WG meeting to discuss the revision of the 1997 edition of the Std.

Common Clauses for Capacitive Current Switching
– Task Force (C37.100.1) The purpose of this ADSCOM TF is to identify common clauses for capacitive current switching for inclusion in C37.100.1.

Weds Afternoon Sessions 1:30 – 5:00

High Voltage Circuit Breaker Subcommittee - Meeting will include the Chairman's Report, all WG and TF reports, new business and old business.

High Voltage Switches Subcommittee - Meeting will include the Chairman's Report, all WG and TF reports, new business and old business.

1:30 – 3:15

Low Voltage Switchgear Devices Subcommittee - Meeting will include the Chairman's Report, all WG and TF reports, new business and old business.

Revision of HV Fuse Standards WG III – Revision of C37.41, Standard design tests for HV fuses. WG project to clarify test requirements for expulsion fuses, and make changes as a result of IEC harmonization efforts

3:45 – 5:30

Switchgear Assemblies Subcommittee - Meeting will include the Chairman's Report, all WG and TF reports, new business and old business.

High Voltage Fuses Subcommittee - Meeting will include the Chairman's Report, all WG and TF reports, new business and old business.

Wednesday Evening Social

Meet at 6:00 P.M., at the back of the Breckenridge Building on the "Breck Deck" for a "Luau on the Beach" .

Morning Sessions 8:00 – 12:00

Revision of HV Fuse Standards WG I and II – Revision of C37.41, Standard design tests for HV fuses. WG project to clarify test requirements for expulsion fuses, and make changes as a result of IEC harmonization efforts.

8:00 – 9:45

C37.04 and C37.09 Corrigenda - HVCB WG meeting to finalize Corrigenda for C37.04 and C37.09.

C37.13 – LV AC Power Circuit Breakers to discuss resolution of temperature testing of fuses of fused breakers. Other ballot comments are resolved. Actions due to PAR schedules to be discussed.

C37.20.3 – Metal-Enclosed Interrupter Switchgear – Revision of former NEMA Standard.

10:15 – 12:00

C37.12.1 High-Voltage Circuit Breakers Quality and Reliability – WG meeting to discuss the results of a recent ballot for this standard. C37.12 – HVCB Specification Guide – WG meeting to discuss the results of a recent ballot.

C37.27 – Low-Voltage Power Circuit Breakers with Fused Devices. See related topic under C37.13 above.

C37.20.4 – Switches for use in Metal-Enclosed Interrupter Switchgear – Revision of former NEMA Standard.

Mon Afternoon Sessions 1:30 – 5:30

C37.20.2 – Standard for Metal-Clad Switchgear – WG meets to discuss possible revisions to the 2002 edition.

C37.20.7 – Arc Resistant Switchgear

Revision of Fuse Standards I & II C37.42, C37.43, C37.45, and C37.53.1 - WG project to revise HV Fuse Specification Standards that were formerly NEMA documents.

C37.04b & C37.09b – HVCB Transient Recovery Voltage (TRV) Revision I&II. WG to develop TRVs within the IEEE that are harmonized with the IEC. WG will review comments from ballot of PC37.04b.

C37.16 - Low-Voltage AC Power Circuit Breakers and AC Power Circuit Protectors – Preferred Ratings, Related Requirements, And Application Recommendations – WG meeting to discuss the revision of C37.16, preferred ratings of LV PCBs. Meeting to focus on first 7 tables for AC LV PCBs.

1:30 – 3:15

Controls for Distribution Equipment Task Force II
The purpose of this task force is to identify special requirements for the controls of equipment on distribution lines and define the required testing.

3:45 – 5:30

Solid Dielectric Equipment Task Force – Solid Dielectric Equipment is emerging. This TF will discuss required design tests, routine tests and construction specifications.

Mon Evening Session - 6:00 – 9:00

USNC Technical Advisory Group (TAG) for IEC Subcommittees 17A and 17C – Meeting to discuss US concerns and proposals re: documents and drafts for HV Switchgear and Controlgear. These meetings are used to clarify the US position to the IEC.

Morning Sessions

8:00 – 12:00

Administrative Subcommittee – Agenda Items include Subcommittee Chair Reports, ADSCOM WG Reports Metrification Policy Issues, Membership and Quorum discussions and future meeting plans.

C37.14 - Low-Voltage DC Power Circuit Breakers – Task Force to review and propose revisions if needed.

8:00 – 9:45

HVCB Task Force for Fast Transient Recovery Voltages associated with Transformer Limited Faults

C37.12 – Specification Guide for HV Circuit Breakers – is to be revised to align with recent changes in C37.04, C37.09 and C37.010, C37.011 and C37.012.

10:15 – 12:00

CIGRE WG A3-19 - This is an informal informational session of the CIGRE WG investigating the implications to circuit breaker standards of the higher first peak voltages associated with three- phase line fault TRVs. Present standards only address single phase-to - ground line fault TRVs. These are often referred to as "short-line fault 3 proposed "solutions" for users concerned with this issue will be presented.

Note: Please contact the Chair in advance if you wish to attend the meeting of CIGRE WG A3-19.

Task Force to review requirements for Sound Pressure Levels of HV AC Circuit Breakers, ref: NEMA SG-4.

Noon

Tuesday Luncheon

Ms. Wanda Reder, President-elect of IEEE / PES will address the committee after lunch.

Tues Afternoon Sessions 2:00 – 6:00

C37.06 – HVCB Preferred Ratings – This WG is developing preferred ratings for circuit breakers in accordance with the revised ratings structure and test requirements brought on by a standards review and IEC harmonization.

High Voltage Switch Task Force on Wind Loading – The purpose of this task force is to prepare for future PAR submission with regard to standards and testing for wind loading of HV switches.

C37.59 – Standard Requirements for Conversion of Power Switchgear Equipment – WG will meet to discuss proposed revisions to the 2002 edition.

2:00 – 3:45

Rode Subcommittee Meeting – Meeting will include Chairman's Report, all WG and TF reports, new business and old business.

4:15 – 6:00

C37.60 – Standard Requirements for Overhead, Pad-Mounted, Dry Vault, and Submersible Automatic Reclosers for Alternating Current Systems Up to 38kV A PAR has been written for a new WG for the revision of C37.60. Solid dielectrics and testing will be a topic, and in particular, thermo-cycling design type tests.

Tues Evening Sessions 6:00 – 8:00

STLNA is an association of testing laboratories from the nations of the Americas. Their representatives meet biannually, at the Switchgear meeting, to discuss issues and contribute to the interpretation guides (STL Guides) for uniform testing practices around the world.