

Switchgear ADSCOM Meeting Minutes

Denver, CO Thursday 1 Oct 2009

INTRODUCTIONS AND ATTENDANCE K. Edwards

The meeting was called to order by the chair at 7:05AM
All attendees introduced themselves along with their employer / affiliation.

ADSCOM meeting attendance:
17 members present (including J. Smith attending for A. Morgan)
2 members absent
5 members excused
13 guests

A quorum (17/24 = 71%) was present.

Switchgear Committee Denver attendance statistics:
161 registrants
22 guests
22 first timers
125 social
105 luncheon

Minutes from Spring 2009 meeting: corrections, comments, approval..... T. W. Olsen

M. Wactor moved that minutes be approved as posted, seconded by W. Long. Motion passed unanimously.

SUBCOMMITTEE REQUESTS to ADSCOM: Decisions, Actions or Support

- I. Education, Recognition & Publications M. Glinkowski
 - Revised scope for ER&P will be submitted for main committee approval.
 - No actions requested.
- II. High Voltage Fuses J. Leach
 - No actions requested.
- III. High Voltage Switches..... A. Dixon
 - No actions requested.
- IV. High Voltage Circuit Breakers R. York
 - No actions requested.
- V. Low Voltage Switchgear Devices K. Flowers
 - No actions requested.
- VI. Reclosers and other Distribution Equipment..... S. Meiners
 - Possible overlap in scopes of RODE and HVS will be discussed at main committee meeting.
 - No actions requested.
- VII. Switchgear Assemblies A. Morgan
 - No actions requested.

STANDARDS COORDINATOR UPDATE..... M. Wactor

- Reminder - Each subcommittee chair shall present a written status report, listing all standards, recommended practices, guides, PARs and Task Forces for which it is responsible, and the current status of the work. The standards coordinator will consolidate as a single status report. ACTION: Each subcommittee chair to submit report by October 15.

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- All documents that are on the list of documents to be withdrawn at the end of 2009 are resolved except C37.100. See discussion on C37.100.

PES UPDATES

Technical Council (TC) J. Nelson (excused)

- Bulk of discussion at TC has concerned O&P
- TC has monthly teleconference but poor participation

Technical Committee Advisory Board (TCAB) Deferred

- No report.

ADSCOM WORKING GROUP REPORTS

- C37.100 Definitions M. Wactor
 - Update on proposal to convert C37.100 to Compendium of Terms
 - IEEE-SA seems bound to let C37.100 expire. T Burse and T Olsen to discuss at Standards Board in December. In the meantime, M. Wactor will write a letter to IEEE-SA to ask that C37.100 not be withdrawn and to ask for status of IEEE 100 (dictionary) project and access to the dictionary for standards projects. If C37.100 must be maintained separately, we need to add definitions. Consensus is that we need C37.100 unless IEEE 100 is a viable substitute.
- C37.301 (formerly 1291) Partial Discharge Measurement Procedures F. Soulard
 - M. Fortin suggests that we start a project for revision. However, since C37.301 adopted the IEC 60270, what would we revise? Discussion revealed that we need to consider adding requirements relating to partial discharge to the equipment standards. Project complete – drop from future agenda.
- TF on Capacitor Switching N. McCord
 - It appears possible to create common requirements covering the types of switching apparatus used to switch capacitors. W. Long moved that the TF initiate a project approval request (PAR) for a new standard for common requirements for capacitor switching. R. York seconded. Motion passed unanimously. [C37.100.2 is reserved for this document].
- TF on Fault Current Limiters M. Steurer
 - 22 persons attended the meetings in Denver. The group heard additional presentations on available products, considered novel technologies, and examined device technologies that are “active” devices (active impedance change). T. Olsen moved that the TF request a PAR for a new standard on fault current limiters. J. Leach seconded. Motion passed with one negative (M. Glinkowski). [C37.302 reserved for this document]
- TF on O&P Revision T. Burse
 - Project plan should result in a draft submittal to the main committee approximately 60 days before the Spring (Myrtle Beach) meeting.
- C37.100.1 Common Requirements D. Stone
 - Implementing ADSCOM directive: WG chairs for new or revised standards to consider the incorporation of the content of Common Requirement (C37.100.1) where appropriate. (i.e.: “as written” or “as modified”, or “not applicable”). The “content” as used in this directive does not include the numbering system.
 - Previous resolution in ADSCOM (as modified October 16, 2008): The Switchgear Subcommittee Chairs are directed to instruct Working Groups involved with the creation and/or revision of documents under their respective scope to consider the incorporation of C37.100.1 into those documents during the creation or revision process where appropriate.
 - Subcommittee chairs should report status of C37.100.1 usage at the main committee.
 - D. Stone proposes scheme for standard numbering of clauses for all switchgear documents, including non-dual-logo documents. See last page of these minutes for the proposed scheme. In

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conjunction with this numbering scheme, he offers a proposed modified IEEE-SA template for new or revised documents, incorporating this numbering scheme. S. Lambert moved that this proposed clause numbering scheme be accepted, that ADSCOM urge compliance by working groups, and that working groups consider use of the modified template for all non-dual-logo documents. Motion passed with one negative (J. Leach).

- Meeting Planning Task Force R. Capra
 - A volunteer is needed to chair this TF. R. Capra has asked to step down from the position of chair.
 - Future Switchgear Committee Meetings:
 - Spring 2010 (Apr 25 – 29, 2010) – Myrtle Beach, SC P. Sullivan
 - Fall 2010 – Las Vegas F. Mayle
 - Consider coordinating dates with IEC meeting in Seattle.
 - Spring 2011 – Orlando, or St Pete Beach, Florida
 - Fall 2011 – Suggested Nashville – Bill & Libby McKay, or ???
 - Maybe we should come to YOUR city??

AGENDA ITEMS

- Joint WG with Substations C37.122 – C37.38 GISJ. Brunke, J. Nelson, D. Sharma
 - Finished draft of document, using formatting of C37.100.1. Getting ready to ballot.
- Coordination with Transformer Committee: WG C57.142 CB – Transformer InteractionS. Lambert
 - Recirculation ballot closed September 25.
- Dual Logo Joint IEEE WG – PC37.60 / IEC MT 47 (62271-111) D. Stone
 - IEEE working group met in Denver.
 - IEC maintenance team will meet in Berlin to discuss comments
 - The dual-logo process not working, as the IEEE working group is adding requirements that the IEC interests cannot accept.
 - Therefore, it would appear that the dual-logo status of this document will die.
- C37.013 (HV Generator CBs) Constructive Comments from IEC 17A B. Long
 - Received comments from IEC 17A.
 - Joint effort is experiencing problems with procedures.

OLD BUSINESS

- NETA Standard to commission and maintain electrical equipment.....A. Storms
 - K. Edwards filing objection with specific issues
 - Price to review before approval ~\$500, after approval ~\$100
 - Need specific issues to put into formal objection. Of NETA not following process in their own ANSI approved procedures.
- C57.16 – Current limiting reactors – TRV parameters, joint with Transformer Committee? (Improve communication about scope infringement.) J. Nelson (excused)

NEW BUSINESS / ROUND TABLE

- Documents for “Graphic Symbols...” T. Burse
 - Proposed Motion:
 - Move to form an Ad Hoc to study the feasibility of adopting the following documents from the recently disbanded SCC11 into the IEEE PES Switchgear Committee:
 - 315-1975 (R1993) Graphic Symbols for Electrical and Electronic Diagrams (Including Reference Designation Letters)
 - 315A-1986 (R1993) Supplement to Graphic Symbols for Electrical and Electronics Diagrams

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- If approved, T. Burse has volunteered to chair the Ad Hoc.
- Add to new business under main committee

- Meeting fees and hotel rate increasesK. Edwards
 - Our growth has increased the size of hotel needed to accommodate meetings. We are now too big for many hotels. Our meeting rate is very low, and has not increased in years. We need to look at increasing the rates for rooms and / or food. Expect rates for upcoming meetings to increase, but perhaps not for Myrtle Beach and Las Vegas.
- SC Chairs PLEASE update by Oct 15:
 - SC Standards Status List.....To M. Wactor
 - SC Meeting minutes..... To T. Olsen
 - SC Web pagesTo M. Glinkowski
 - New Main Committee Members.....B. Long

Future PES Meetings

- PES Joint Technical Committee Meeting – Orlando, FL – January 11-15, 2010
- PES T&D Show – Morial Convention Center, New Orleans, LA, -- April 20-22, 2010
- PES General Meeting – Minneapolis, Minnesota, -- July 25-29, 2010

ADJOURN: (8:43 AM)

A. Dixon moved to adjourn, seconded by S. Meiners. Motion passed unanimously. Meeting adjourned at 8:43AM.

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Organization of IEEE & IEC Switchgear Standards					
Clause No.	IEEE Style Manual 2009	C37.100.1-2007 Common Req'ts	Proposal for IEEE Switchgear St'ds (non-dual logo)	Future shift for IEEE Switchgear St'ds (non-dual logo)	IEC 62271-1 Common Specifications
1.0	Overview or Scope	General	Overview or Scope	General	General
1.1	Scope, purpose, applications	Scope	Scope, purpose, applications	Scope	Scope
1.2	Not defined *	Normative References	Reserved	Normative References	Normative References
2.0	References	Service Conditions	Normative References	Service Conditions	Service Conditions
3.0	Definitions	Definitions	Definitions	Definitions	Definitions
4.0	Not defined *	Ratings	Service Conditions	Ratings	Ratings
5.0	Not defined *	Design & constr.	Ratings	Design & constr.	Design & constr.
6.0	Not defined *	Design tests	Design & constr.	Design tests	Design tests
7.0	Not defined *	Routine tests	Design tests	Routine tests	Routine tests
8.0	Not defined *	not used	Routine tests	Not defined *	Guide to selection of swgr
9.0	Not defined *	not used	Not defined *	Not defined *	Info given with equiries
10.0	Not defined *	not used	Not defined *	Not defined *	Transport, storage, etc
11.0	Not defined *	not used	Not defined *	Not defined *	Safety
12.0	Not defined *	not used	Not defined *	Not defined *	Influence of product on the environment

* Option of the WG 9/30/2009