

Report of PC37.66 Working Group Capacitor Switches Subcommittee (Las Vegas, NV; September 29, 2010)

The Working Group met on Wednesday, September 29, 2010 at 8:00 AM. There were 9 members of the working group and 16 guests present at the meeting. Harry Hirz, Working Group Chairman, presided over the meeting.

The group focused on the following topics:

1.) Revision Details, Accomplishments & Current Schedule

- Standard Revision Due: December 2014
- Project Authorization Request (PAR): Approved June 2010
- Draft 2 was completed
- The Standard planned for ballot: TBD (Dependent on PC37.100.2 approval)

2.) Meeting Highlights and Assignments

- The WG reviewed the details of Draft 2 which included a scope change and new ratings proposed for Tables 2 and 3.
- The meeting focused on the development of the Common Clauses for Capacitance Switching, PC37.100.2, since PC37.66 is now linked with the approval of this new standard before Balloting/Approval.
- Assignments were made to continue the review of the various sections of the standard based on the meeting discussion/feedback and the remaining open items:

Assignments:

Section 5

Scope: Focus on Rating Tables and Lightning Impulse Testing.

Assigned to: Edgar Dullni & Kirk Smith

Section 6

Scope: Focus on testing sequences/order, appropriately address the potential special testing and/or conditioning during the middle of switching duty tests, and review clarification of reasonable test lab capabilities (1 vs 3 phase).

Note that these items may actually turn out to be recommendations to PC37.100.2.

Assigned to: F. DeCesaro & K. Smith

Annex A & C.

Scope: Provide any addition updates/revisions.

Assigned to: A. Bonner

Annex B.

Scope: Review and update as required.

Assigned to: E. Dullni

All Sections.

Scope: General review of Draft 2.

Assigned to: Entire Working Group

- Assignments are due to Working Group Chair by **November 12, 2010:**

3.) Feedback from User, Manufactures and Labs using the standard:

- No additional comments presented during this meeting associated with using the standard.
- Enhancements and additions to the Annex sections are still under consideration:
 - Adding fuse protection for lower rated devices
 - Add a section associated with the potential impact of harmonics.

4.) New Items:

- The next WG meeting will be combined with PC37.100.2 in order to support in the development of this standard. The meeting will be run by both WG Chairs, H. Hirz (PC37.66) and N. McCord (PC37.100.2).

Harry Hirz

Working Group Chairman, C37.66

Standard Requirements for Capacitor Switches for Alternating-Current Systems Subcommittee
29-September-2010