

Report of PC37.66 WG Capacitor Switches

30-April-2012 – St. Pete, FL

The Working Group met on Monday, 30-April-2012 at 1:30 PM. There were 9 members of the working group and 13 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 Level: 3
- The Standard planned for ballot: TBD (Dependent on PC37.100.2 approval but WG is targeting the Spring 2013 for balloting PC37.66)

2.) Meeting Highlights and Assignments

- The WG reviewed and focused on the recently released sections of PC37.100.2, Common Clauses for Capacitance Switching. The discussion centered around the proposed harmonized Switching Duty Tests as it relates to Section 6.5 of C37.66. The WG made some recommendations for changes to C37.100.2 in order to better match up with some of the important elements associated with C37.66-2005.
- Assignments were reviewed and next level created with a requested due date.

Assignments:

Section 5

Scope: Review latest rating information and open items/comments for this section.

Assigned to: Edgar Dullni, Kirk Smith & Tom Mulcahy

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).

Assigned to: K. Smith & F. DeCesaro

All Sections.

Scope: General review of Draft 3.

Assigned to: Entire Working Group

- Assignments are due to the WG Chair by **29-June-2012**
- WG Chair to update Draft 3 and send out to WG for comments by **13-July-2012**

- WG comments back to Chair for next meeting discussion by **31-August-2012**

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 were reviewed and a decision was made to move forward on the following:
 - Add a section associated with the potential impact of harmonics. – ***Sachin Puranik to propose some details for review before next meeting.***
 - NSDD reference information through either Annex or informative note(s). – ***References and documents will be reviewed to set some guidelines for the new Annex***
 - Adding fuse protection for lower rated devices. – ***Frank Muench provided various standard references for review as the basis of the new Annex.***

4.) New Items:

- No new items were presented or discussed.

Harry Hirz

Working Group Chairman, C37.66

Standard Requirements for Capacitor Switches for Alternating-Current Systems Subcommittee
2-May-2012