

Chair: Harry Hirz

Meeting Minutes

1. Call to order and introduction:

The PC37.66 WG Capacitor Switches Standard Working Group met on Wednesday, 1-May-2013, at 1:30 PM. Harry Hirz, Working Group Chairman, presided over the meeting.

2. Roster Check:

There were 7 members of the working group and 17 guests present at the meeting. We presently have 16 members.

3. Previous Meeting Minutes

- The agenda was presented and approved.
- The previous minutes were presented and approved.

4. Project Status & Timeline

Revision Details, Accomplishments & Current Schedule:

- Standard Revision Due: December 2014
- Project Authorization Request (PAR): Approved June 2010
- Draft Level: 4 (Reviewed during our meeting)
- The Standard planned for ballot: TBD (Dependent on PC37.100.2 approval but WG is targeting the Spring 2014 for potential balloting of PC37.66)

5. Meeting Highlights

a. General Overview:

- The meeting discussion included reviewing Edgar Dullni's Fall comments associated with clauses 5, 6 and Annex B and the recent Draft of C37.100.2, which was issued April 25, 2013.
- The meeting included members of the C37.100.2 Work Group who were directed to join the C37.66 meeting instead of the second half of the scheduled of C37.100.2 meeting. This was done in order to help review testing requirements that should be included and/or covered in C37.100.2 that will represent the requirements of C37.66.

b. Review of draft Sections:

- Section 6.4.3 Test procedures: Fault making will not be covered in C37.100.2 so the details presently included in C37.66 will remain.
- Section 6.5.1.1 and 6.5.1.2: It was noted that Common Clauses for Capacitor Switching will reference voltage test requirements associated with Line-to-Ground compared to the Line-to-Line that C37.66 presently uses. The C37.100.2 K_c factors on Page 7 of this standard

were reviewed and discussed. It appears that the C37.66 single phase testing factors are higher than those represented in C37.09a and also IEEE 1247. Review of these test factors needs to be conducted and recommendations provided to C37.100.2.

- Section 6.5.3.2: The present requirements of this section were reviewed against the requirements associated with C37.100.2, Table 4. It was determined that the table needs some revision to better match the requirements already outlined in C37.66.
 - Though Clause 4.5.4 Order of testing outlined in C37.100.2 was planned to be eliminated, so Testing Order still needs to reviewed and addressed in C37.66.
- c. Feedback from User, Manufactures and Labs using the standard:
- No additional comments presented during this meeting associated with using the standard.

6. Assignments and Target dates:

- Meeting Documents will be uploaded onto our website by WG Chair by **24-May-2013**
- WG Chair to update Draft 4 and send out to WG for comments by **end of May 2013**
- WG comments back to Chair associated with C37.100.2 Draft revision as it relates to C37.66 by **end of June 2013**.
- WG Members Edgar Dullni, Antone Bonner and Harry Hirz to work on reviewing and developing the wording/recommendations associated with the Clauses that should be included in C37.100.2 that would best meet the requirements of our standard. This is projected for completion by the **end of July**.

7. New Business:

No new items were presented or discussed.

8. Next meeting:

Fall 2013 September 16 – 19, 2013 Hilton Palacio del Rio, San Antonio, TX, USA

9. Meeting Adjourned: 3:20pm

Member Attendance

Name	Company	Member or Guest
Agliata, Peter	Hubbell	G
Ambrose, Chris	Federal Pacific	M
Ayers, Roy	Nashville Electric Service	G
Billings, Stan	MEPPI	G
Bonner, Antone	Cooper Power Systems	M
Bosima, Anne	ABB	G
DeCesaro, Frank	Cooper Power	M
Dullni, Edgar	ABB	M
Feltis, Mark	Schweitzer Engineering Inc	G
Found, Paul	BC Hydro	G
Glennon, Bill	SEL Inc.	G
Hirz, Harry	Thomas & Betts	M
Kirkpatrick, Brendan	Southern Cal Edison	G
McCord, Neil	Southern States	M
Meyer, Pete	S&C Electric	G
Mulcahy, Tom	Dominion VA Power	G
Smith, Kirk	Eaton Corporation	M
Soulard, Francois	Hydro-Quebec	G
Stefanski, Tom	Powertech Labs	G
Swank, Jim	Cooper Power Systems	G
Swing, Donald	Southern States	G
Swisher, Andrew	Southern Cal Edison	G
Uzelac, Nenad	G&W	G
Webb, John	ABB	G

Submitted by:

Harry Hirz

Working Group Chairman, C37.66

Standard Requirements for Capacitor Switches for Alternating-Current Systems Subcommittee

17-May-2013