

Common Clause Capacitance Switching PC37.100.2 TF
IEEE/PES Switchgear ADSCOM Committee
17 May 2011 Orlando
MEETING MINUTES

Chair: Neil McCord, Southern States LLC
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Secy: John Webb, ABB
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Introductions -- 2 members present for first section

Lower than expected attendance because there are two other meetings with same individuals being required going on at the same time.

Will work with secretary to get better time slot for next meeting.

Patent Slides were reviewed.

Minutes of previous TF meeting reviewed and accepted.

We discussed the 60% preconditioning test and agreed that referencing C37.09 was ok. Since the test does not require a TRV simpler test could be specified. We also discussed the need to discuss unit testing, this came from 1247 and no conclusion was reached. We decided to take a look at C37.016 paragraph 6.10.1.2 to add to the unit testing evaluation.

We discussed whether or not we need to add definitions and left that for later

The second half of the meeting was combined with C37.66 WG as this standard depends upon completion of our work before they can finish their work. 9 people attended the second session. Harry Hirz the chair for C37.66 attended the meeting. Highlights:

- Are LC1, CC1 and BC1 defined? These will be a bit confusing to C37.66 fans.
- We agreed that there will be a $kc=1.5$ for non simultaneous opening between 60 and 90 degrees
- We agreed that there would be a maximum $kc=2.1$ for non simultaneous opening above 90 degrees.
- We need to take a good look at the inrush current required in C37.66, this is not the same as IEC/ANSI C37.09a and must be studied carefully. Edgar Dullni said that he has built some good tables to explain the inrush and will provide these to the chair for distribution.
- Harry said that for now dividing up the 1200 operations in half 600 at 10% to 40% current and the other half at 100% current would be fine to ballot.
- We also discussed that section B in C37.66 is informative and not needed in the common clause document.

The next meeting will need to be coordinated with the meeting of C37.66 so that individuals with interest in both standards can attend. Each committee would like a session to itself then a combined session to discuss testing.