

C37.74 Working Group Meeting minutes

December 11th, 2023, Virtual.



Chair: Kennedy Darko

Secretary: Travis Johnson

Meeting Agenda

1. Call to Order

Meeting called to order at 10:31 AM

2. Call for Patents and Copyrights.

- i. [Patent Slides](#)
- ii. [Copyright Slides](#)

No patent or copyright issues were brought up.

3. Introduction of Members and Guests

Participants introduction through the chat system. 23 participants attended.

4. Attendance and quorum check

17 members and 3 guests. Chair confirmed quorum.

5. Approval of agenda

F. DeCesaro – motion to approve revised agenda. J. Stemmerich second.

6. Approval of previous meeting minutes

Rev 2 of the minutes was sent out to the WG for review. Minutes were approved by consensus.

7. Resolution of comments from draft 1.7.

Discussion about 7.7.4.3 based on PPT sent to the WG for review prior to the meeting.

- *It was pointed out that the way the test is set up, one phase could see all 9 peaks.*
- *D. Martin was invited to the meeting to provide some history and intent.*
 - *The 1st test of each sequence would have a peak in an outer phase and the other two tests in the sequence would be random. That would be considered the most “realistic” of a recloser closing in on a circuit.*
- *Discussion of 2 proposals*
 - *Comment: Without other guidance, Option 2 may drive the peaks to be spread out across the poles.*

- *Comment and discussion on if B phase could always be ignored or if the intent is that all 3 phases see a peak.*
- *Point f (current version) – proposal had been sent in (not shown in this ppt)*
 - *Change from the previous meeting: that the rms symmetrical component should be the average symmetrical components of the current (with a deviation of <10%). This is in the current document draft.*
- *Further discussion on Option 2, point (d), it no longer requires the peak on the first test of each set.*
- *Question – was the intent to test the maximum worst case? No, it was to be as realistic as possible.*
- *Discussion about language invalidating peaks on B phase.*
- *Proposal 3 was created where each phase was required to have 3 peak currents.*
 - *d) The test shall be configured such that for each set one of the phases shall be subjected to the peak current.*

	<i>Peak current applied to</i>	<i>Phase starting with a major loop</i>
<i>Set 1</i>	<i>C-phase</i>	<i>A-phase</i>
<i>Set 2</i>	<i>B-phase</i>	<i>N/A</i>
<i>Set 3</i>	<i>A-phase</i>	<i>C-phase</i>

- *The chair will leave the current draft to be addressed during the balloting process.*

8. Working group consensus to proceed to MEC / Ballot #1

At the time of the vote there were 21 participants. (16 in favor, 0 opposed. 1 abstention) – Approved to go to MEC and ballot #1.

9. Any other business

None

10. Next in person meeting

*WG meeting planned for Spring '23 Switchgear Committee Mtg. (Mar. 31 – Apr. 3, '24)
Westin Hotel Ft. Lauderdale, FL*

11. Adjournment

K. Trost moved to adjourn. F. Soulard second.