

# PC37.016 SG, Standard for AC High Voltage Circuit Switchers Rated 15.5 kV (HVCB)

October 13, 2021 – Virtual Meeting – IEEE WebEx

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**Chair:** Neil McCord (Consultant)

**Vice Chair:** Luke Collette (Utility)

**Secretary:** Scott Lanning (Manufacturer)

## Meeting Minutes

### 1. Call to order and introduction:

The PC37.016 SG IEEE Standard for AC High Voltage Circuit Switchers Rated 15.5 kV met on Wednesday, October 13, 2021, at 10:15AM CST. Harry Hirz, Working Group Chairman, presided over the meeting.

The Copyright and Patent slides were reviewed.

### 2. Roster Check:

There were 36 people present. As a study group by definition all attendees are members, and we have a 100% quorum.

### 3. Previous Meeting Minutes

- There was no previous meeting therefore no minutes to review.

### 4. Project Status & Timeline

This project is a Study Group to determine if a Revision PAR is recommended.

### 5. Meeting Highlights

- Neil McCord told the group that the corrigenda was at RevCom for the October meeting next week. We had 100% participation and 100% approval. We expect to be approved.
- A ppt presentation was made that focused on the meanings of:
  - PBF, Primary-Bus Fault current that is similar to C37.04-2018 T100, T60 and T30.
  - TLF, Transformer-Limited Fault current
- The chair presented data showing that 145 kV PBF60 and C37.04-2018 T60 have different values. This initiated a vigorous discussion.
- The chair accidentally presented that C37.04 and IEC 6227-100 are also different. This also initiated a vigorous debate. (It was suggested that this issue is NOT part of this committee's purview and will be left to C37.04/.09 to work on.)

- Toward the end of the meeting three members representing utilities requested that we consider studying the difference between TLF and C37.06.1-2017.
- At the end of the meeting there was unanimous consent to submit a Draft Revision PAR for this activity to HVCB

**6. Assignments and Target dates:**

- Neil McCord will submit a Revision PAR to HVCB on Thursday that includes the following:  
**Proposed Revision PAR**
  - 5.1** Approximate number of people expected to participate: 16
  - 5.2.a** No changes to scope of standard
  - 5.2.b** Scope of proposed changes: Harmonize PBF100 PBF60 PBF30 to T100, T60, T30 C37.04, C37.09. and C37.100.1. Some small spelling and other clarifications.  
 Consider harmonizing TLF with C37.06.1.
  - 5.4** Purpose: Consistency within switchgear standards
  - 5.5** Need for the project: The small variations between .016 and the other standards creates confusion for manufacturers, test labs and customers.
- Neil McCord will set up an iMeet Central workspace.
- The slides presented will be placed on iMeet Central.

**7. New Business:**

None

**8. Next meeting:**

Spring 2022      10-15 April 2021 Planned for Hilton Bonnet Creek, Orlando, FL

**9. Meeting Adjourned: 11:44AM**

**10. Attendance:** (I hope I got everyone)

1. Neil McCord Chair (Member)
2. Luke Collette (Vice Chair)
3. Scott Lanning (Secretary)
4. Carl Schuetz
5. Bill Hurst
6. Brian Roberts
7. John Tarleton
8. Chris Jarnigan
9. Chris Slattery
10. Roy Ayers
11. Curtiss Frazier
12. Kirk Smith
13. Damian Perrin
14. Daniel Vaughan
15. Fang Huang
16. Devki Sharma

17. Don Steigerwalt
18. Hua Liu
19. Ilya Glinsky
20. Jon Rogers
21. Jason Cunningham
22. Matt Westerdale
23. Matthew Siena
24. Michael Christian
25. Michael L. Skidmore
26. Peter Mapp
27. Vernon Toupes
28. Richard York
29. Steve May
30. Suraj Atere
31. Todd Irwin
32. Tom Pellerito
33. Stephen M Cary
34. Will Zhang
35. Jim van de Ligt
36. Cristian Reit

Submitted by:

Neil A. McCord  
Study Committee Chairman, C37.016  
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