

# C37.62 – Fault Interrupters

October 15, 2018 – Kansas City, MO Downtown Marriott



**Chair:** Antone Bonner

**Secretary:** Frank DeCesaro

## Meeting Minutes

### 1. Call to order and introduction:

- Meeting was called to order at 8:00 AM.
- The chair notified the group that members who have missed two consecutive meetings will be dropped from membership. They can ask to be reinstated if desired. The chair will email notification to these (9) people.
- Roster sheet was started and each person introduced themselves and identified their affiliation.

### 2. IEEE Patent Slides:

- All four standard IEEE patent slides displayed
- Time was allowed for members to respond. No comments were received after the time was provided.

### 3. Roster Check:

- (34) Attendees, of which (17) are members. There are (27) members after the (9) had been dropped.

### 4. Previous Meeting Minutes:

- Meeting notes were published in PES switchgear minutes after the spring. There were no comments regarding the published minutes.

### 5. Meeting Highlights:

- Discussed status of the balloting. The ballot is still open.
  - There was question about copyright issues with C37.60 since that was the origin of much of the wording. That has been resolved by the IEEE and the chair. There are no issues.
  - Ballot opened Sept 25 and will close Oct 25.
  - As of now 113 comments, 24 need to be satisfied. 81 people in the pool, 35 votes in, and 27 affirmative with 5 negatives.
- The comments have (5) categories of
  1. Editorial – Grammatical, punctuation, etc.
  2. Changing references from IEC 62271-1 to C37.100.1
  3. Changes to improve the image quality of figures
  4. Updated publication dates of referenced standards
  5. Other corrections to references

Rather than look at these individually, they are considered editorial comments and the WG gave approval for the Chair to make changes as he sees fit. All changes will be presented to the WG for their comment.

- 26 of the comments were discussed individually by the WG.
  - See comments spreadsheet for specific notes of what was discussed during the comment review.
  - Discussion was held on Table 9 duties. It was suggested that the 90% to 100% Rated symmetrical interrupting current range for the T100 duty be changed to a tolerance of 0 to +5%, i.e. 100% to 105%. Uzelac, Banninck, and Morton group will include this in their review of the short circuit test procedures of 7.103.4.2 and table 9.
  - There is no tolerance table. Banninck, DeCesaro, will look at C37.60.
  - Annex C of C37.60 was normative. Why is it normative when it is an illustration for measurement. It basically gives you the two parameter method and should be informative.
    - Antone Bonner will look into this to see where it is referenced and whether it should stay normative.
    - It was pointed out that this is a valid method for drawing the envelope and that you can verify your wave shape meets the requirements.
  - Project time line was presented to the working group (see external file with minutes to review these)

**6. New Business;**

- None.

**7. Next meeting:**

- Spring 2019: Burlington Hilton, Burlington, VT  
April 28 - May 2, 2019

**8. Meeting was adjourned at 11:45 AM**

Submitted by:

Name: J. Antone Bonner

Date: October 17, 2018

## Annex: Member Attendance

Role	First Name	Last Name	Company Affiliation	Attended WG Meeting 10/15/2018
Guest	Edwin	Almeida	Southern California Edison	X
Member	Chris	Ambrose	Federal Pacific (Div. of Electro-Mechanical Corp.)	X
Guest	Thomas	Ballard	Hubbell Power Systems	X
Member	Herman	Bannink	KEMA Netherlands	X
Member	David	Beseda	S&C Electric Co.	X
Chair	Antone	Bonner	PAS Consulting	X
Guest	Mohit	Chhabra, Ph.D.	S&C Electric	X
Guest	Kennedy	Darko	G&W Electric Co	X
Secretary	Frank	DeCesaro	Eaton's Power Systems Division	X
Guest	Anil	Dhawan	ComEd	X
Member	Paul	Found	BC Hydro	X
Guest	Brian	Gerzeny	Powell Electrical Systems Inc	X
Member	Jeffrey	Gieger	Thomas & Betts	X
Guest	Peter	Glaesman	PCORE Electric Company, Inc.	X
Guest	Harold	Hirz	Thomas and Betts	X
Member	Travis	Johnson	Xcel Energy	X
Guest	Ivan	Jovanovic	G&W Electric	X
Guest	Brendan	Kirkpatrick	Southern California Edison	X
Guest	Bradley	Lewis	AEP	X
Member	Wangpei	Li	Eaton	X
Member	Donald	Martin	G&W Electric Co.	X
Member	Steven	Meiners	GE	X
Guest	Jacob	Midkiff	Dominion Energy	X
Guest	Christopher	Morton	Powertech Labs Inc.	X
Guest	Roberto	Olivares	Siemens	X
Guest	Stephen	Pell	Siemens	X
Member	Larry	Putman	Powell	X
Guest	Caryn	Riley	Georgia Tech/NEETRAC	X
Member	Ian	Rokser	Eaton Corp	X
Member	Timothy	Royster	Dominion Virginia Power	X
Guest	James	Ruebensam	S&C Electric Co.	X
Member	Francois	Soulard	Hydro-Quebec	X
Member	Karla	Trost	G&W Electric	X
Member	Nenad	Uzelac	G&W Electric	X