

Minutes of Meeting
C37.012 Application of Capacitance Current Switching for AC HV CB>1000 V

Location: Webex (Virtual Meeting)
Date: Monday October 5th, 2020 (3:45-5:30 PM CDT)
Participants: 28 Total in Attendance

Introduction

Roy Alexander kicked off the meeting with a brief discussion on the purpose of a revision for C37.012.

Introductions and Formation of Attendance Sheet

Attendance gathered through chat feature in Webex.

Presentation on Proposal for C37.012 Revision

Roy Alexander gave a presentation with the following key points:

- Attendee Introductions
- Who is familiar with C37.012?
- Who has actually used C37.012?
- What I think it needs
- Ultimate goal to use as model for a generic all switching device guide to accompany C37.100.2
- Path forward
- Form WG, Write PAR

Next Steps

PAR Development
Select WG Chair
Select WG Secretary
Determine WG members

Divide the work into five (5) groups each lead by a TF chair. Plan to have a draft ready to discuss at the Spring 2021 meeting.

A proposed meeting to be scheduled to discuss progress on 2/10/2020.

Need to have a complete draft suitable for balloting by June 2022

Volunteers

Volunteers were requested for PAR development, WG officers, WG membership, and working on the document. The following volunteers were identified:

PAR Development: Roy Alexander

Chair: Roy Alexander

Secretary: Luke Collette

Membership: See the attendance list

Document Revisions:

- Roll in the C37.012a changes: Luke Collette
- Moving explanations and extraneous material to Annexes: Kirk Smith
- Update bibliography: Marcus Young

Adjournment

Meeting adjourned at 4:38 PM (CDT).

Reported by:

Luke Collette

**IEEE PES Switchgear Committee
HVCB C37.012 - Meeting Roster**

Place/Date of Meeting: Virtual / October 5th 2020

Ref. No.	First Name	Last Name	Company Name	Request Membership?	10/5/2020 Attendance
1	Craig	Polchinski	MEPPI	X	X
2	Marcus	Young	MEPPI	X	X
3	Luke	Collette	Duquesne Light Co.	Secretary	X
4	Jeremy	Hensberger	MEPPI		X
5	Steve	may	Southern Company		X
6	Wei	Zhang	Hitachi	X	X
7	John	Webb	ABB	X	X
8	David	Caverly	Trench Limited	X	X
9	Chris	Jarnigan	Southern Company		X
10	Carl	Schuetz	ATC		X
11	Kirk	Smith	Retired	X	X
12	Chris	Ambrose	Federal Pacific		X
13	Andrew	Peterson	ABB		X
14	John	Hall	TVA		X
15	Jane	Ling	GE	X	X
16	Patrick	Di Lillo	Consolidated Edison Company of NY		X
17	Roy	Ayers	Nashville Electric Service		X
18	Neil	Hutchins	Southern Company Services		X
19	Wangpei	Li	Eaton Vacuum Interrupters		X
20	Andrew	Chovanec	GE Grid Solutions	X	X
21	Steven	Brown	Allen & Hoshall		X
22	Andy	Keels	kEElectric Engineering		X
23	Roy	Alexander	RWA Engineering	Chair	X
24	Curtiss	Frazier	Ameren		X
25	Jeffrey	Nelson	TVA		X
26	Jason	Cunningham	Southern States, LLC		X
27	Hua	Liu	Southern California Edison	X	X
28	Donnie	Swing	Powell Industries		X

C37.012 Revision

Why now?

Agenda 10/5/20 meeting

- Attendee Introductions
- Who is familiar with C37.012?
- Who has actually used C37.012?
- What I think it needs
- Ultimate goal to use as model for a generic all switching device guide to accompany C37.100.2
- Path forward
- Form WG, Write PAR

What I think C37.012 Needs

- It is written in European (IEC, CIGRE) English. Consider conversion to N American English
- Should have an application check list
- Roll in the C37.012a changes
- Organize to make more user friendly
 - Move explanations of why standard values chosen to annex 1
 - Extraneous material (weird stuff) move to 2nd annex

Moving Along

- Get editable Version from SA, and Roll in C37.012a amendments.
- Explain what constitutes a Capacitive current situation. (Leading power factor $< .21$) current chopping a good thing.
- Develop the application/concerns check list
 - Move explanations of why standard values chosen to annex 1
 - Extraneous material (weird stuff) move to 2nd annex
- Update bibliography (PES TR16, CIGRE A3.26, Sushil Paper etc, see CIGRE A3.38 bibliography)

Form C37.012 WG

- WG members
 - Select Chair
 - Select Secretary (Luke Colletti ?)
 - I can write the PAR (general revision)
 - Divide the work: Perhaps a TF for each point on the previous slide. Drafts ready to discuss at Spring 2021 meeting. Need 5 TF chairs, members
- Need to have a complete draft suitable for balloting by June 2022