

# MINUTES FOR C37.30.4 Working Group

Orlando – May 6, 2014

## Greetings and Introductions

The working group met on Tuesday 5/6/14 for two sessions. A roster is included at the end of this document. There were 8 members and 16 guests in attendance at one or both sessions.

## Old Business

Minutes of the F13 Meeting were reviewed and approved.

## New Business

- Glenn Dorsey, Siemens Industry was added as a member of the working group.
- C37.30.4 D3 was reviewed specific to the attached comments.
- Bill Hurst will distribute D3 Rev 1 with changes as agreed during the meeting.
- It was confirmed that Section 8.1.1.8 “Test Sequence” and Tables 5, 7 and 8 would be moved to C37.30.3.
- 8.1.1.2 – Pete Meyer will make a proposal to clarify the ambiguity of “significant current”.
- 8.1.2.1 – Frank DeCesaro and Chris Borck will provide revised Figure 2 and review TRV’s.
- 8.1.2.3 “Unloaded Transformer Switching Test” - It was agreed to review this remotely before the next meeting because the meeting end time was reached before it could be addressed. .

## Adjournment

The meeting adjourned at 6 PM.

Respectfully submitted,



Bill Hurst

C37.30.4 Working Group Chairman

## C37.30.4 Working Group

Attendance - May 6, 2014

First Name	Last Name	Organization		5/6/14
John Paul	Adignu	Southern Cal Ed	G	X
Ganesh	Balasubramanian	Eaton	G	
Jerry	Baskin	Federal Paacific	G	X
Jacob	Blake	Hubbell Power Systems	G	X
Kofi	Boadi-Boateng	Pepco	G	X
Chris	Borck	Eaton – Copper Power	G	
Sam	Chang	PG&E	G	X
Lee	Cox	EFALEC	G	
Frank	DeCesaro	Eaton – Copper Power	M	X
Jonathan	Deverick	Dominion	G	X
Glenn	Dorsey	Siemens	M	X
John	Hall	TVA	G	
Kenneth	Harless	Pascor Atlantic	M	
Gary	Haynes	ABB	G	
Danny	Hoss	Southern States	M	X
Jim	Houston	Southern Company	M	X
Bill	Hurst	Alstom Grid	M	X
Pete	Kowalic	Cleaveland Price	G	X
Matthew	Lawrence	Doble	G	
Wangpei	Li	Eaton	G	
Gary	Martin	Entergy	G	X
Ricardo	Martinez	CFE - LAPEM	G	
Peter	Meyer	S&C Electric	M	X
Parvin	Molson	Shaw Group	G	
Tom	Mulcahy	Dominion	G	X
David	McMullen	Southern Company	M	X
Frank	Muench	Eaton - Cooper Power	G	
Alan	Peterson	Utiliserve	G	
Carl	Reigart	Hubbell Power	M	X
David	Rhein	Teco Switch	G	X
Andrew	Roberson	Siemens	G	X
Ben	Rosenkrans	Eaton	G	X
Devki	Sharma	Entergy	G	X
Erin	Spiewak	IEEE	G	
Kyle	Stechschulte	AEP	G	X
Tom	Stefanski	Power Tech Labs	G	X
Dustin	Sullivan	Hubbell Power Systems	G	
Tom	Tobin	S&C Electric Co	G	X
Charles	Worthington	Hubbell Power Systems	G	

5-6-14

**C37.30.4 Draft 3 - Comments for review**

8.1.1.2 3<sup>rd</sup> paragraph – “most onerous” to be clarified

4<sup>th</sup> paragraph – “significant current” to be clarified

8.1.1.3 IEC references 3-phase only for 52 kV

8.1.1.4 2<sup>nd</sup> paragraph “equivalent speed of manual operator” to be clarified – consider reference to manufacturer recommendations

8.1.1.5 frequency tolerances are not clear

Note refers to examples of tests removed from document.

8.1.1.6 test current exception for 5% load switching (why – Marcel Fontain)

8.1.1.7 Refers to Tables 3 & 4 that were removed from the document

8.1.1.8 Test sequence – move to C37.30.3

8.1.2.1 Figure 1 updated by Frank Decesaro

Figure 2 not updated

8.1.2.2.1 Table 7 – move to C37.30.3

8.1.2.3 unloaded transformer switching test needs to be revisited

Received this comment from Nenad Uzelac:

“Do you know why IEEE 1247 test doesn’t require testing unloaded transformers rated 2500kVA or less? Why 2500kVA was chosen and not say 3000kVA?”

8.2.2 2<sup>nd</sup> paragraph refers to 5.4.3 that was removed from the document.

8.2.3 1<sup>st</sup> paragraph refers to “total test sequences as outline in 8.3”