

**Meeting Minutes
Capacitor Subcommittee
of the Transmission and Distribution Committee
Calgary, Alberta Canada
July 29, 2009**

I. Introduction

The meeting was called to order by Mark McVey.

The following people were in attendance:

<u>Name</u>	<u>Company</u>	<u>Member/ Guest</u>
Mark McVey	Dominion Virginia Power	Chair
Bill Chai	GE - CPQP	M
Bruce English	GE Energy	M
Tom Grebe	Electrotek	M
Jeff Nelson	TVA	M
Dan Luke	Cooper Power Systems	M
Richard Sevigny	Hydro Quebec	M
Lisa Vovan	HQ Transenergie	G
Scott Choinski	NEMA	G
Roy Alexander	PP&L	M
Ivan Horvat	ABB	M
Per Lindberg	ABB Facts / TSA	M
Jeff Peggs	Dominion	G
Luther Holloman	Dominion	M

II. Previous Meeting Minutes

The minutes from the January 2009 Atlanta meeting were approved as submitted.

III.Membership Review

The following people resigned from the Capacitor Subcommittee:

None

The following people were added to the Capacitor Subcommittee Membership List:

Jeff Peggs – Dominion
Lisa Vovan – HQ Transenergie

IV. Chairman's Report

Mark McVey is currently in the process of dividing the membership list into two sections: Members in Attendance (previous three meetings) and Corresponding members. This will be reflected in the mailing before the next meeting.

IEEE 1036 is currently ready for re-ballot pending addressing issues raised by REVCOM, namely one legal issue with the scope of the document.

IEEE and NERC are working to fix problems in the market today regarding VAR control.

Attendance was better for Calgary meeting over Atlanta.

V. Liaison Reports

A. NEMA – B. Chai

No face to face meeting of the NEMA capacitor group was held this year – teleconference only.

NEMA proposed a performance test to be added to IEEE 18. This was added to Draft 6 for review by WG, and is open for comment.

Next tentative meeting is for Spring 2010.

B. IEC – B. Chai

Chinese National Committee proposed a change in the name of the TC33 group to “Power Capacitor and Reactive Power Compensation”. Another proposal was made to change the name to “Capacitors and their Applications”. The USNC commented that this name is too general – the name has not yet been finalized.

IEC 60871-1: Discussion on using seal healing technology as a high voltage capacitor technology continues.

Mark McVey has been added as a new TC33 member.

Next TC33 meeting will be in 2010 – rumored to be in Sao Palo, Brazil.

Next CIGRE meeting will be in 2010. Insulating materials group will meet in September, and will include capacitors.

C. C37.116 – Mark McVey

No update. A meeting is being planned for the Winter Technical Meeting.

VI. Working Group Reports

A. W.G. on Capacitor Technical Papers – Tom Grebe

Two papers reviewed. One was accepted. One was rejected.

B. W.G. on Capacitor Bibliography – Richard Sevigny

Two papers have been presented for addition to the Capacitor Bibliography.

C. W.G. on Specification Guide for Series Capacitors – Mark McVey

Currently working on Draft 9. Good progress made. During this weeks meeting, time was spent addressing those areas of the document still lacking input. Assignments for completion were made.

It is the intent to begin looking at this document at the next Winter meeting from an editorial standpoint, and to submit for balloting after the Winter meeting.

D. W.G. on Application Guide for Shunt Power Capacitors – Mark McVey

IEEE 1036 is currently ready for re-ballot pending addressing issues raised by REVCOM, namely one legal issue with the scope of the document.

E. W.G. on Harmonic Filters – Mark McVey

Document has been reaffirmed (there were two negatives), and is at REVCOM now.

Final approval will extend this document for another five years.

F. W.G. on IEEE Standard 18 – Jeff Nelson

Draft 6 was reviewed at the meeting. All comments which had been received were addressed at this Summer meeting.

Changes will be incorporated and sent out for review by WG members prior to the Winter 2010 meeting.

Attempt to ballot after next Working Group Meeting.

G. W.G. on Reactor Applications for Capacitor Switching Technologies – Roy Alexander

Ultimate goal of this Working Group is to write a whitepaper or special publication on concerns and issues associated with this topic.

VII. Old Business

Guide to the Specification of TCSCs document is being submitted to REVCOM.

VIII. New Business

None.

IX. Future Meetings

January 11-15, 2010 Orlando

Minutes submitted by Dan Luke