

**Meeting Minutes  
Capacitor Subcommittee  
of the Transmission and Distribution Committee  
Pittsburgh, Pennsylvania  
July 23, 2008**

## **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
Tom Grebe	Electrotek	M
Jeff Nelson	TVA	M
Dan Luke	Cooper Power Systems	M
Ivan Horvat	ABB	M
Richard Sevigny	Hydro Quebec	M
Bruce English	GE Energy	M
Rao Thallam	SRP	M
Roy Alexander	PP&L	M
Chuck Gougler	Staco Energy Products	M
Scott Choinski	NEMA	G
Vittal Rebbapragada	PG&E	M
Moira Patterson	IEEE-SA Staff	G

## **II. Previous Meeting Minutes**

The minutes from the January 2008 San Antonio 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:

None

## **IV. Chairman's Report**

Mark McVey is currently in the process of dividing the membership list into two sections: Members in Attendance and Corresponding members.

John Harder has been attending PSRC meetings to provide a continued voice and offer support regarding the concerns the Capacitor Subcommittee has with IEEE Std. C37-116

## **V. Liaison Reports**

### **A. NEMA – B. Chai**

AEP is moving forward with capacitor tank rupture testing. NEMA provided recommendations for this testing.

The NEMA meeting in Toronto was very productive, resulting in NEMA comments and suggestions for the inclusion of NEMA CP1 into IEEE Std. 18.

Some additional suggestions for the revision of IEEE Std. 18 were presented during the IEEE 18 WG meeting. These will be reviewed and commented on by NEMA via teleconference this Fall, and a response sent to Jeff Nelson.

### **B. IEC – B. Chai**

TC33 will meet in Xian, China in October. Bill Chai and Richard Sevigny will attend.

TC33 continues to discuss the need for a committee to look into UHV systems. China especially is looking for support in this area.

### **C. C37.99 – Jeff Nelson**

John Harder has been in correspondence with this working group. Jeff has not had any recent feedback from John regarding activity in this group.

## **VI. Working Group Reports**

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

2008 to date: PES Transactions – 3 papers submitted, 1 accepted, 1 rejected, and 1 is out for further revision.

PES Letters – None were submitted for review.

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

No additions to the bibliography were submitted this period.

### ***C. W.G. on Standard for Series Capacitors – Bruce English***

Fairly uneventful meeting. Still some work to do. The group intends to have teleconference calls approximately every other month to work through certain sections of the standard.

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

Due to a scheduling error, this group had not met at the time the capacitor subcommittee met. However, Mark gave a quick summary of what to expect at the meeting.

There was an editorial comment made to this guide which would require a change to the scope of the guide. This may or may not require a new PAR.

The intent of the afternoon meeting on the Application Guide will be to look for new content which may be added on the next revision to this guide.

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

Mark will begin the process for reaffirmation of this document.

75% affirmative ballot pool is needed for reaffirmation.

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

Draft 4 was sent out in April. Comments came back from NEMA members and others. All comments received were reviewed during this meeting.

A Performance Test was proposed, and has been added in Draft 4. This continues to be open for further comment/ discussion.

A few new issues came up, particularly regarding insulation testing and parameters defining the scope of units qualified by the Performance Test, which will be reviewed by the NEMA committee this Fall. They will report their comments/ recommendations back to Jeff this Fall.

Trying to go out for ballot after the January 2009 meeting.

## **VII. Old Business**

The PAR for IEEE Standard 1534 on TCSCs has been withdrawn and cannot be re-affirmed. Substations will submit a PAR to revise 1534 as a joint committee effort with T&D.

## **VIII. New Business**

None reported.

## **IX. Future Meetings**

January 2009, Atlanta

Minutes submitted by Dan Luke