

**Meeting Minutes
Capacitor Subcommittee
of the
Transmission and Distribution Committee
San Antonio, Texas
January 9, 2007**

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 Pwr.	Chair
Bill Chai	General Electric	M
Tom Grebe	Electrotek	M
Jeff Nelson	TVA	M
Clay Fellers	Cooper Power Systems	M
Per Lindberg	ABB	M
Ivan Horvat	ABB	M
Richard Sevigny	Hydro Quebec	M
Bruce English	General Electric	M
Rao Thallam	SRP	M
Aleida Gonzalez	SCE	G
Alan Hood	SCE	G
Scott Choinski	NEMA	G

II. Previous Meeting Minutes

The minutes from the June 2007 Tampa 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 stated that this has been a very productive group of meetings.
- Application Guide for Shunt Power Capacitors should be ready for print by summer.
- As we continue to work on other standards, we need to be aware that a 75% affirmative ballot pool is all that is required to affirm. Negative ballots still have to be addressed.

V. Liaison Reports

A. NEMA - B. Chai

- NEMA made a proposal to American Electric Power for tank rupture testing. At this time there is no final agreement that has been reached to perform a tank rupture test supported by NEMA for AEP.
- NEMA has issued a Performance Test Proposal to IEEE Std. 18 Working Group for inclusion in Std. 18. This is now open to IEEE Std. 18 working group members for comment. Comments need to be received by end of March to support discussion at summer meeting.

B. IEC - B. Chai

- TC33 was not adequately prepared for a June 2007 China meeting. Next meeting of TC33 will probably meet in China in September or October.
- TC33 is discussing the need for a committee for looking into UHV (Ultra High Voltage) systems. China is pushing for support in this area. This may lead to a separate TC.

C. C37.99 - Jeff Nelson

- C37.99 meeting was attended by several members of the IEEE Std. 18 working group. Jeff Nelson is listed as a corresponding member for input from the Capacitor Subcommittee.

VI. Working Group Reports

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

- 2007: PES Transactions - 3 papers submitted, 1 accepted and 2 rejected.
PES Letters - 3 submitted and all were rejected.

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

- Some changes will be made on the Capacitor Subcommittee WebSite by Bruce English as submitted by Richard Sevigny.

C. W.G. on Standard for Series Capacitors - Bruce English

- Series Capacitor Specification Guide: PAR has been approved. List of assignments exists for targeted February phone conference and follow-up phone conferences prior to next IEEE meeting.
- May be some interest on a panel session for Series Capacitor Solutions for Dynamic Power Flow Problems.

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

- Ready for re-circulation of document. 75% approval on ballot and 100% response on the negatives. Should be resolved by the Pittsburgh meetings.
- Possibly have a wrap up session at next IEEE Meetings to set up comments and topics for future revisions.

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

- Decision was made to reaffirm the document because of little perceived interest in changes at this time. Not enough interest to pursue a revision at this time. Reaffirmation process can begin in 2008.

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

- Reviewed changes and comments to date.
- Briefly reviewed the NEMA submitted Performance Test.
- Requested relevant IEC Standards for future comparison.
- Jeff will submit an updated draft for comments and discussion in July.
- Trying to ballot by Spring of 2009.

VII. Old Business

- Jeff Nelson discussed his continued analysis of Breaker Ratings and is still looking for additional responses from users outside of North America. This was a follow-up to the presentation that Jeff made in the previous meeting.

VIII. New Business

- Mark is continuing to look for a new Capacitor Subcommittee Chairperson for his replacement.

IX. Future Meetings

- Summer 2008, Pittsburgh

Minutes submitted by Clay Fellers.