

Meeting Minutes
Capacitor Subcommittee
of the
Transmission and Distribution Committee
San Diego, California
January 21, 2004

I. Introduction

The meeting was called to order by Jeff Nelson.

The following people were in attendance:

<u>Name</u>	<u>Company</u>	<u>Member/Guest</u>
Antone Bonner	Cooper Power Systems	Member
Bill Chai	General Electric	Member
Clay Fellers	Cooper Power Systems	Member
Karl Fender	Cooper Power Systems	Member
John Harder	Applications Consultant	Member
Per Lindberg	ABB	Guest
Mark McVey	Dominion Virginia Power	Member
Jeff Nelson	TVA	Member

II. Previous Meeting Minutes

The minutes from the January 29, 2003 Las Vegas 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:

A.F. (Ahmed) Zobaa

IV. Chairman's Report

- Jeff gave a brief report on a draft of IEEE Standards Strategy. This document discusses potential procedures for assuring globally harmonized standards.
- Due to lack of attendance at the winter meeting, it is possible that IEEE may not help support future winter meetings of the T&D Committee.

V. Liaison Reports

A. NEMA - B. Chai

- No recent meetings to report on. Target for some discussions in March / April.

B. IEC - B. Chai

- Previous meeting in Montreal. TC33 met in conjunction with the Montreal meeting.
- Std. 60143-1: Voted on Final Draft and 18 of 18 countries approved.
- Std. 60871-1: Production Test will potentially change to 2.0AC and 4.0DC for next draft.

C. C37.66 - J. Nelson

- Draft 11 was discussed at the previous meeting.

VI. Working Group Reports

A. W.G. on Capacitor Technical Papers - J. Nelson for T. Grebe

- 2 papers accepted, 1 paper rejected 2 outstanding for review.

B. W.G. on Capacitor Bibliography - J. Nelson for R. Sevigny

- Richard has made some additions to the Power Capacitor Bibliography (added 6 references) and to the Series Power Capacitor Bibliography (added 2 references). The updates are available on the Web Site.

C. W.G. on Standard for Series Capacitors - M. McVey for G. Lee

- Minutes presented to Secretary during Subcommittee Meeting.
- IEEE Std. 824 Draft 8 - 100% affirmative with 7 comments. Std. will be submitted for re-ballot due to nature of comments.
- Draft of the K13 Document of the Power Systems Relaying Committee was presented to the working group for review before the next meeting.

D. W.G. on Application Guide for Shunt Power Capacitors - A. Bonner

- The December re-circulation ballot had 93% affirmative with 4 Negative ballots. All comments were addressed during the meeting. Will issue another re-circulation ballot.
- Two of the Negative balloters did not participate in the re-circulation. Antone has contacted these balloters.
- Will attempt to have re-circulation ballot out by March.

E. W.G. on Harmonic Filters - T. Grebe

- The Harmonic Filters Guide has been published.

G. Task Force on Capacitor Subcommittee Activities

- No Report.

VII. Old Business

- PSRC37.99 and IEEE Std. 1036 Working Group Joint Technical Session. Mark McVey will target a joint session at a later meeting.
- Capacitor Related Definitions: Will continue to discuss this after IEEE Std. 1036 is published. John Harder will attempt to have a document for circulation at the June Denver meeting.
- Fellow nominations: No Update.

VIII. New Business

- Potential of merging Nema with IEEE Stds. was discussed.
- Jeff will send out a word document of IEEE Std. 18 for review of potential revisions for 2007 re-issue deadline.
- Jeff will determine if there is interest in a potential Application Guide for Low Voltage Capacitors.
- Discussion of a potential Application Guide on comparison of applying units under IEC versus IEEE Standards.
- Jeff Nelson and Antone Bonner have started to draft a paper discussing the changes in the newest publications of IEEE Std. 18 and IEEE Std. 1036. This will be distributed for comments.

IX. Future Meetings

- June 6-11, 2004: Denver

Minutes submitted by Clay Fellers.