

Meeting Minutes
Capacitor Subcommittee
of the
Transmission and Distribution Committee
Chicago, Illinois
July 24, 2002

I. Introduction

The meeting was called to order by Chairman Jeff Nelson.

The following people were in attendance:

<u>Name</u>	<u>Company</u>	<u>Member/Guest</u>
Jeff Nelson	TVA	Member
Roy Alexander	PPL E.U.	Member
Bill Chai	General Electric	Member
Stuart Edmondson	Duke Power Company	Member
Karl Fender	Cooper Power Systems	Member
John Harder	Applications Consultant	Member
Ivan Horvat	ABB	Member
Bill Hurst	Maysteel	Guest
Donald Laird	SCE	Guest
Gerald Lee	BPA	Member
Per Lindberg	ABB Utilities	Visitor
Mark McVey	Dominion Virginia Power	Member
Jan Samuelsson	ABB Utilities	Member
Rao Thallam	Salt River Project	Member

II. Previous Meeting Minutes

The minutes from the January 30, 2002 New York 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

- Committee Chairmen voted to create a Power Quality Subcommittee
- Harmonic Filter Working Group will remain part of the capacitor subcommittee.
- 2001 T&D Technical Committee Distinguished Service Award was presented to John Harder.

V. Liaison Reports

A. NEMA - B. Chai

- An April telephone conference was conducted. An August telephone conference was scheduled for further discussion.
- Reaffirmed NEMA Std. for another 5 years to wait to see final IEEE Standard 18.
- There are only 6 members on the TAG Group and not getting sufficient support. Annual \$250 charge to be a member of the TAG Group. Fee is payable to ANSI. Asking for volunteers to join the TAG.

B. IEC - B. Chai

- Meetings held in Florence, Italy and two day meeting in New York in April.
- Discussed updates to 60871-1 and 60143-1 and revisions are out for review to TAG members. John Harder requested to get review documents in an editable format.
- IEC 6014304 TCSC Std. just had first meeting.
- IEC Technical Committee 17A has issued the first draft of a standard for series capacitor bank bypass switches.

C. C37.66 - M. McVey

- Mark McVey will no longer be attending these meetings.
- Bill Hurst attended meeting and reported that the intention is to initiate a ballot after the next meeting if the new draft is in proper order for balloting.

VI. Working Group Reports

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

- No capacitor technical papers published.

B. W.G. on Capacitor Bibliography - No Report.

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

- Held a combined Paper / Working Group Session. A paper was presented on TPSC.
- Meeting had 11 attendees and 3 guests.
- Ballot responses were 83% of ballots returned with 100% affirmative. All but nine comments were addressed.
- Draft specification guide circulated.
- Guide for protection of Series Capacitors was circulated for comments.

D. W.G. on Standard for Shunt Power Capacitors - I. Ares

- Standard 18 revision was approved and is scheduled for an October publication date.

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

- First stage of balloting is in progress and closes on August 1. About 33% of the ballots have been returned with 21 Affirmative, 2 Negative, and 3 Abstain.
- Approximately 2/3 of the ballot comments were covered in the meeting.
- Plan to receive the remaining ballots and distribute to the Working Group.
- Target October 1 for recirculation ballot.
- PAR expires on Dec. 2. An extension is needed.

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

- 10 Members and 1 Guest attended the meeting.
- All 31 ballot comments were discussed and closed.
- John Harder to update draft for mid September recirculation ballot.
- PAR expires on Dec. 2, may need to ask for an extension.

G. Task Force on Capacitor Subcommittee Activities

- No Report.

H. TCSC - J. Nelson

- Document approved.

VII. Old Business

- PSRC37.99 Working Group Joint Technical Session. Mark McVey could not attend previous meeting. Presentation will possibly be rescheduled for T&D Show in Dallas.
- Capacitor Related Definitions: Some definition changes from Application Guide WG. John Harder will put these into the document and distribute new document at the Las Vegas meeting.

VIII. New Business

- EPRI Distribution Capacitor Bank Reliability Survey. Jeff will distribute to all subcommittee members. Jeff asked that if we reply, to copy him.

IX. Next Meeting

- January 2003, Las Vegas
- PES is going to an annual meeting.
- Next Annual General Meeting: July 2003, Toronto, Canada

Minutes submitted by Karl Fender for Clay Fellers.