

Meeting Minutes  
Capacitor Subcommittee  
of the  
Transmission and Distribution Committee  
New York, New York  
February 3, 1999

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
Ignacio Ares	Florida Power & Light	Member
Antone Bonner	Cooper Power Systems	Member
Clay Fellers	Cooper Power Systems	Member
Karl Fender	Cooper Power Systems	Member
Chuck Gougler	IEM	Member
Tom Grebe	Electrotek Concepts	Member
John Harder	Applications Consultant	Member
Ivan Horvat	ABB	Member
Ben Mehraban	AEP	Member
Stan Miske	General Electric	Member
George Newcomb	General Electric	Member
Don Ruthman	Myron Zucker, Inc.	Member
Richard Sevigny	SNEMO	Member

II. Previous Meeting Minutes

The minutes from the July 15, 1998 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

- Transaction Papers can be submitted at any time. Proceedings Papers will have deadline submittal dates.
- Karl Fender will work on setting up Panel Sessions for Medium and High Voltage Capacitor Equipment. No one has been assigned for Low Voltage Panel Sessions.
- A joint working group has been formed for TCSC.
- Chairman will consider asking the Substation Committee to remove Substation Capacitor Banks from their scope.

#### V. Liaison Reports

##### A. NEMA - G. Newcomb

- Nema CP1 will be issued with minor changes including the addition of the discharge test. Possible 1999 publish date. NEMA CP9 was balloted and comments are being addressed for the next ballot.

##### B. IEC - G. Newcomb

- "Status of IEC Documents/Publications for which TC33 is Responsible" was distributed.

##### C. W.G. C37.99, Protection of Shunt Capacitor Banks - J. Harder (John submitted a written report dated Feb. 3, 1999 which is summarized below.)

- Most recent meeting was Jan. 11 - 14, 1999.
- Discussed modifications to include internally fused, fuseless, and unfused capacitor banks.
- Worked to resolve group ballot comments to draft 5.
- Draft 5 was sent to members of the capacitor subcommittee.
- Document sent to IEEE Standards Dept. for official ballot. Anyone wishing to participate should contact the IEEE Standards Department.
- The next meeting is May 10 -13, 1999 in Albuquerque, New Mexico.

##### D. W.G. C37.66, Capacitor Switches - J. Nelson

- No update.

## VI. Working Group Reports

- A. W.G. on Capacitor Technical Papers - T. Grebe
  - For Winter: No Transaction Papers  
One Proceedings Paper was submitted.
  - For Summer: 4 Transaction Papers submitted.  
3 Proceedings Abstracts submitted.
- B. W.G. on Capacitor Bibliography - R. Sevigny
  - Bibliography is now on the WEB Page.
- C. W.G. on Standard for Series Capacitors - S. Miske
  - Draft 1 comments received.
  - Draft 2 has been issued.
  - Draft 3 will be for working group ballot.
- D. W.G. on Standard for Shunt Power Capacitors - I. Ares
  - Negative ballots were resolved.
  - Discussed other changes for a formal ballot later this year.
- E. W.G. on Application Guide for Shunt Power Capacitors - A. Bonner
  - PAR and extension have been approved.
  - Will attempt to ballot at the same time as IEEE 18.
  - All comments were addressed.
  - Informal Working Group Ballot to Working Group by March 15.
  - Comments to Ballot returned by April 1 and Formal Ballot submitted by April 15.
- F. W.G. on Harmonic Filters - T. Grebe
  - One combined document will be created and mailed to Working Group by March 15.
  - Comments on document to be returned to Tom by April 15.
  - Document will be revised, formatted, and edited by June 15 and sent to Working Group for review by Summer Meeting.
- G. Task Force on Capacitor Subcommittee Activities

- No Report.

H. TCSC - S. Miske

- Outlining is proceeding. No draft yet.

VII. Old Business

- Working Group Chairs should update working group status report on the Web Page.

VIII. New Business

- A Technical Sessions Task Force is being created. Karl Fender has been assigned for Medium and High Voltage.
- Discussed options for a Winter Meeting at someplace other than Singapore.

IX. Special Discussion

- Naeem Ahmad, Staff Engineer of Standards Activities provided a discussion of PAR and balloting processes.

IX. Next Meeting

Meeting in Edmonton on July 19 - 22, 1999.