

## Meeting Minutes, Part 1

### WG 824: Series Capacitor Working Group

of the  
Capacitor Subcommittee  
of the  
Transmission and Distribution Committee

**Date:** January 30, 2003, 08:00 – 12:00.

**Place:** Riviera Hotel, Royale Skybox 203, Las Vegas, Nevada, U.S.A.

#### 1. Introduction

The meeting was called to order by Jan Samuelsson, who served as Acting Chair of the meeting in the absence of the official Chair Gerald Lee, who unfortunately could not attend the meeting.

The following people were in attendance:

Name	Company	Member/Guest
Bharat Bhargava	So. California Edison Co.	M
Bill Chai	General Electric	M
Stuart Edmondson	Duke Power Company	M
Clay Fellers	Cooper Power Systems	M
John Joyce	Siemens HVS	M
Mark McVey	Dominion Power	M
Jan Samuelsson	ABB	M (Acting Chair)
Todd Campbell	General Electric	G
Keith Harbison	Cooper Power Systems	G
Sharma Kolluri	Entergy	G
Carlet Langford	Nevada Power Co.	G
Tom Grebe	Electrotec	G

#### 2. Previous Meeting Minutes

The minutes from the July 23, 2002 Chicago meeting were approved as submitted.

#### 3. Additional Agenda Items

No additional agenda items were brought up

#### 4. Review of the K13 Document

The Substation Protection Subcommittee (K) of the PES Power System Relaying Committee (PSRC), is working on a Document K13 entitled "Guide for Protection of Transmission Line Series Capacitors". The K13 group is chaired by F. P. Plumtre.

There has been discussions within K & K13 to produce the K13 document jointly with PES WG 824. However, at the PSRC-meeting September 9-12, 2002 in Ponte Vedra Beach, FL., it was decided that WG K13 shall produce the K 13 document themselves, but in close cooperation with WG 824.

WG 824 has therefore been asked to submit comments to the last draft \_ Draft No. 4\_ of the K13 document. The K13-document had been distributed before the WG 824 meeting in Las Vegas.

The K13-document was briefly discussed at the meeting and the following comments were made:

- Some sections of the K13-document (e.g. section 2.4) are copied directly from the 824-document "IEEE Guide for the functional Specification of Fixed Transmission Line Series Capacitor Banks." There is no need to repeat this text. It is preferred to make reference to the 824-document. In conclusion, the scope (boundary) of the K13-document needs to be discussed.
- All definitions in the K13-document should be kept in a separate section. As it is now, the definitions are spread out in the document. The definitions shall be consistent with those of IEEE Std 824.  
**Note.** The definitions should include those definitions that were previously "lifted out" from the IEEE Std. 824 (Draft 7.1, Stan Miske).
- Does "Section 7, Testing" belong to the K13-document?
- Appendix I needs to be rewritten
- Appendix II needs to be rewritten
- Appendix III: The definitions should be collected in one section in the front of the document.
- Appendix IV: Check with IEEE Std. 824/D7.1!
- A section dealing with transmission line protection for series compensated lines as well as references of d:o should be added to the K13-document.

The next meeting with PSRC will be May 19-22.

The members of WG 824 are urged to submit their comment to Draft 4 of the K13-document to Gerald Lee not later than May, 15 for further submission to the PSRC/K13, F. Plumtre.

Respectfully submitted  
Jan Samuelsson, Acting Chair  
May, 3, 2003

J.S.