Meeting Minutes

Capacitor Subcommittee
of the
Transmission and Distribution Committee
San Diego California
10 January 2005

Date: June, 10 2005, 11:30 AM– 1:00 PM.

Place: Marriott San Diego Del Mar

1. Introduction

The meeting was called to order by Chairman Jeff Nelson.

The following people were in attendance:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Member/Guest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bill Chai</td>
<td>GE</td>
<td>M</td>
</tr>
<tr>
<td>John Harder.</td>
<td>Consultant</td>
<td>M</td>
</tr>
<tr>
<td>Jason Hughes</td>
<td>ABB, Inc.</td>
<td>G</td>
</tr>
<tr>
<td>John C. Joyce</td>
<td>Siemens HVS</td>
<td>M</td>
</tr>
<tr>
<td>Janet Kowalski</td>
<td>SCE</td>
<td>G</td>
</tr>
<tr>
<td>Carlet Langford</td>
<td>Nevada Power</td>
<td>G</td>
</tr>
<tr>
<td>Per Lindberg</td>
<td>ABB</td>
<td>M</td>
</tr>
<tr>
<td>Mark McVey</td>
<td>Dominion Virginia Power</td>
<td>M ( Chair )</td>
</tr>
<tr>
<td>Jeff Nelson</td>
<td>TVA</td>
<td>M ( Chair )</td>
</tr>
<tr>
<td>Tim Nissen</td>
<td>Omaha Public Power District</td>
<td>G</td>
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<tr>
<td>Richard Piwko</td>
<td>GE</td>
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<tr>
<td>Frank Plumptre</td>
<td>B C Hydro</td>
<td>G</td>
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2. Previous Meeting Minutes

The minutes from the June 9 Denver meeting were approved as submitted.

3. Membership Review

The following people resigned from the Capacitor Subcommittee:

None

The following people were added to the Capacitor Subcommittee:

None
4. Chairman’s Report
   - A concern was expressed at having enough members for a quorum
   - A need to perform better house keeping on regular and corresponding members
   - A need to co-ordinate new winter meeting was discussed and a desire to approach the PSRC about
     a long term collaboration for yearly winter meeting
   - New T&D Officers were announced Mack Grady – Chairman, Gene Wolf – Vice Chairman,
     Tom Grebe Secretary.

5. Liaison Reports

   NEMA - B. Chai          No changes to report
   IEC - B. Chai            No changes to report

   C37.66 (Capacitor Switches) - J. Nelson Latest revision draft 12 circulating

6. Working Group Reports
   - W.G. on Technical Papers - Tom Grebe – J. Nelson No new papers
   - W.G. on Standards for series Capacitors - M. McVey IEEE 824 was adopt by REVCOM and available.
     Member of the committee attended the Series Cap Protection working group to work out issues in the K13
     draft.
   - W.G. on the Application guide for shunt capacitors A. Bonner – J. Nelson was not able to contact Bruce
     Barrow some of the terms such as KVAS SC KVA were deemed un acceptable.

7. Old Business
   - Meet with PSRC C37.99 group and Working group K13 to try to resolve erroneous statements in
     document.
   - Capacitor Related Definitions were briefly discussed. John Harder is looking for any more capacitor
     related definitions.
   - J. Nelson made some inquiries with NEMA to try to obtain compatibly merge the capacitor standards.
     Jeff will continue to pursue.
   - Two new guides were discussed to see if any interest in guides for low voltage caps and IEEE vs. IEC
     standard.
   - Potential revisions for IEEE 18 were discussed J. Nelson will lead effort for revision.
   - New Subcommittee Chair was announced M. McVey

Respectively Submitted,
Mark McVey, Temp Acting Secretary
January 10, 2005