Capacitor Subcommittee
Of the
IEEE PES Transmission and Distribution Committee
2012 IEEE PES General Meeting Agenda
San Diego, California

Wednesday, July 25, 2012

1. General meeting introductions and acknowledgments
   a. 13:32 Called to Order
   b. Introductions

2. Technical presentation: Switching of Capacitor Banks against Underground Cables
   Dr. A. Kalyuzhny, The Israel Electric Corporation Ltd.
   a. See Attached Presentation
   b. Conclusions:
      i. Since the inrush current during the capacitor bank switching back-to-back to the underground cables significantly exceeds the “Inrush current of Isolated capacitor bank” it should taken into account in the selection of the capacitor bank switchgear.
      ii. It seems that switch capacitor bank back-to-back to the underground cables should be addressed in the standards concerning the capacitive current switching

3. Approval of minutes of previous meeting
   a. Under section 8 “knee track” was corrected to neetrac
   b. Minutes were approved

4. Membership review
   a. Richard Sevigny is keeping the list of members and active participants

5. Chairman’s report
   a. No administrative meetings were required Tom was able to attend working group meetings instead.

6. Liaison reports:
   • NEMA – Bill Chai
      a. No meeting yet this year. April – May 2012 was canceled and September 2012 does not look like it is going to happen. Next meeting is likely in the first quarter
      b. New program Manager Steve Griffith (introduced at meeting by Bill Chai)
      c. Case rupture presentation may come at upcoming meeting
      d. New Members have signed up
      e. Barcode issues for caps – no progress has been made
   • IEC, CIGRE – Bill Chai
a. Last meeting – USA (Bill Chai) proposed that they adopt the IEEE performance test “AS IS” into the document as a standard Type test (871-1). There is a proposal for removing the overvoltage cycling test from 871-2
b. November 2012 Plenary meeting will be held in Bangalore India.
c. Cigre meeting next month
d. D-4 working group is currently silent with regards to capacitor banks

- IEEE Std. C37-116 – Core Agendum Mark McVey
  a. 2 manufactures have responded with regards to the arrestor to take the test out of the standard

7. Working group reports:

- W.G. on Capacitor Technical Papers – Tom Grebe
  a. 2 outstanding reviews
  b. 1 review completed (accepted)

- W.G. on Capacitor Bibliography – Richard Sevigny
  a. Only capacitor placement on distribution lines has been reported

- Shunt Capacitor Working Group – Jeff Nelson
  a. Less then 20 ballot comments
  b. Recirculation ballot will come out shortly

- W.G. on Standard for Series Capacitors – Mark McVey
  a. Ballot comments address, the ballot passed 86% approved
  b. All negative technical comments were addressed
  c. Recirculation will be out sometime in September 2012

- W.G. on the Application Guide for Shunt Capacitors (Std 1036) – Joe Meisner
  a. Initial meeting took place
  b. Member list will be established and open to newcomers
  c. Review of former ballot comments was reviewed and will be taken into consideration for future changes

- T.F. on Capacitor GMD Mitigation – Mark McVey
  a. Initial meeting took place
  b. The path forward for is to not form a working group, but instead have a panel session and include other groups. The task force would then write a paper to provide guidance and then perhaps an application guide.
  c. Summer Meeting in Vancouver BC is the planned next meeting.

- W.G. on Reactor Applications for Capacitor Switching Technologies – Roy Alexander
  a. No meeting took place at the General Meeting

8. Old business:
   a. None

9. New business:

- Capacitor Subcommittee Website Maintenance – Tom Grebe
  a. Updates for the future meetings
  b. Updates to the roster
• Tom Grebe will be meeting at IEEE T&D Administrative Subcommittee and no longer be maintaining the T&D website
• Tom Grebe is the Chair through 2013 Later next year the group will discuss the rotation of officers.

10. Future meetings:

• 2013 JTCM – Memphis TN
• July 21-25, 2013 (General Meeting) in Vancouver, British Columbia