

MINUTES OF THE MEETING OF THE HVDC CONVERTER TRANSFORMERS & SMOOTHING REACTORS S.C. IN HUSTON, TEXAS, MARCH 8, 2010

On March 8, 2010, the HVDC Converter Transformers and Smoothing Reactors S.C. met at 8:00 a.m., in the Regency C Meeting Room of the Omni Houston Hotel, in Houston Texas. There were 9 members and 14 guests present; 4 of the guests requested membership. The following are the highlights of the meeting:

1. Introductions were made and the attendance list circulated.
2. The minutes of the Lombard, Illinois meeting were approved.

Note: The minutes of the Houston meeting of the SC will not be approved until the SC meeting in Toronto, Ontario.

3. IEEE patent policy was reviewed and no issues were raised.
4. The Chairman provided a synopsis of the Administrative SC meeting.
5. The Chairman reported on the status of the revision process for IEEE 1277. The second recirculation ballot was successful and Draft #7 will be on the agenda of the March 21, 2010 meeting of the RevCom. The Chairman thanked SC members for their help in making the revision process a success.
6. Since all current revision work on IEEE C57.129 and IEEE 1277 is complete, the Chairman requested input from SC members and guests re future revision work. Should future revision work focus on HVDC voltage levels > 500 kV? Key revision subjects include dielectric test levels and test code methodology (including standardization of test methods). Discussions took place re who should set dielectric test levels and standard HVDC system voltages. It was agreed that this was outside the scope of the HVDC SC as it was a systems issue. It was reported that CIGRE WG B4-52 and IEC WG 60183 were studying HVDC system voltages and dielectric test levels. A number of SC members stated (including Klaus Pointner) that they would report at the SC meeting in Toronto on the work of CIGRE WG BA – 52; the CIGRE general meeting will be held in Paris in August 2010. A number of 800 kV HVDC projects are now in operation. Mario Schenk of Siemens stated that he could prepare a presentation on two projects in China. Members of the SC from ABB are requested if they can make a similar presentation. Such presentations to the SC can provide direction for future revision work. Presentation content and duration will be firmed up prior to the SC meeting in Toronto.
7. Consensus of the SC was that no additional information need be included in IEEE C57.129 on transformers used in conjunction with VSC based HVDC schemes as they are basically covered by ac power transformer standards.

The Chairman announced that since he was retiring from full time employment with his company on April 30th, and will work part time as a technical advisor, his future participation in the IEEE Transformer Committee would be finite. He, therefore, requested that he was looking for a SC member to volunteer to be secretary so as to facilitate a future transition to Chairman.

The meeting adjourned at 2:15 p.m.

R. Dudley

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