

Generator Subcommittee Report (July, 2013)

There are currently 48 members of the subcommittee as listed on the GSC roster. The most recent annual meeting was held in San Diego, July 2012. The next meeting is scheduled for the week of July 21, 2013, at Vancouver, British Columbia.

Current GSC Officers are as follows:

Chairman: Kay Chen (ke.chen@siemens.com)
 Vice Chairperson: John Yagielski (john.yagielski@ge.com)
 Secretary: William G.Bloethe (William.g.bloethe@sargentlundy.com)

Current Working Group Activities are summarized below:

WG1 Awards	<p>The Awards & Recognition Chair submitted nominations for 2012 awards as follows:</p> <p>Prize Paper: “Modeling of Salient-Pole Wound-Rotor Synchronous Motors for Population-Based Design,” Transactions on Energy Conversion, June 2011, Vol. 26, No. 2, pp. 381-392.</p> <p>Service Award: Stefano Bomben for distinguished service to the IEEE Power & Energy Society as manifested by leadership of the Materials Subcommittee and contributions to IEEE</p> <p>Prize Standard: IEEE Std. 1310, Recommended Practice for Thermal Cycle Testing of Form-Wound Stator Bars and Coils for Large Rotating Machines. The Working Group was chaired by Greg Stone.</p> <p>There are also five members elevated to Fellow this year and that Generator Committee member Clyde Maughan will receive the Cyril Veinott Award at the Awards Dinner.</p>
WG5 Revision of IEEE 492	The working group started in 2010. The PAR has not been completed as of 2010. No report was sent from this WG for 2012-2013.
WG6 Application Guide for Superconducting Machines	The working group had meetings in 2012 in San Diego. An application guide is under work. No report is received from this working so far.
WG8 Harmonization of IEC and IEEE Concerning IEEE C50	The working group submitted their first draft for ballot in 2012. There were 68 people in the pool, 55 people gave approval vote, 1 person gave a negative vote. The working group currently is working to resolve negative comments and prepare the draft for re-ballot.
WG10 Generator On-Line Monitoring	. The WG10 has made significant progress since last PES meeting. Based on feedback from members of the Group, six revisions of the draft were carried out. The 7th draft, which is a major improvement over the old Std will be discussed during the PES in Vancouver. Based on the progress done so far and the positive feedback from a number of members, we will be able to prepare the std for balloting by the end of the current year or soon thereafter.

New Business

No new business for 2012-2013.

Prepared by:

Kay Chen
7/12/2013