

5.0 Vice Chair's Report – K.S. Hanus

The following are reports on activities of PES Committees on which the Vice Chair serves as Committee representative. There has been no general meeting since Oklahoma City but a planning meeting was held March 3, 2003 to plan the technical program for the general meeting in Toronto this summer.

5.1 PES General Meeting in Toronto – Technical Session Tracks

The IEEE Power Engineering Society (PES) 2003 meeting will be held at the Sheraton Centre in Toronto, Canada from July 13-18th, 2003. This power engineering conference will bring together practicing power engineering engineers and academics from around the world. The aim of the conference is to provide, share, and discuss various issues and developments in the field of electrical power engineering.

The theme of the meeting is “**Empowering Ideas**”. Preferred topics for the meeting are as follows:

Track 1 Asset Management, covering such topics as:

- optimizing the use of assets (including operation, maintenance, refurbishment, upgrading, replacement, etc);
- maintenance philosophies and implementation strategies;
- system capability enhancements;
- life-cycle management strategies;
- managing assets for customer satisfaction
- impact of aging assets on system and investment planning;
- benefits of wide area control for improving power system dynamic performance.

Track 2 Risk Management, covering such topics as:

- security of IT systems;
- asset physical security;
- control centers- distributed vs. centralized; contingency capability;
- managing the financial risks of Performance Based Rates;
- the risk-cost trade off in transmission and/or in distribution system design.

Track 3 Telecommunication, Information, and Control, covering such topics as:

- on-line system security assessment;
- communications systems;
- communications protocols;
- transmission and distribution dispatch and/or control systems (changes needed to provide maximum value in a wholesale/retail open access environment)
- wide area stability and control.

Track 4 Industrial Power Distribution, covering such topics as:

- power quality & conditioning;
- load management;
- Hi Del – Internet Hotels (telco Hotels, Web hosting sites);
- DG interconnection
- microturbines;
- custom power equipment

Track 5 Developments in Power Engineering Technologies, covering such topics as:

- solutions to minimize environmental impacts;
- functional specification and solution evaluation criteria;
- development in power applications of superconductivity;
- developments in diagnostic techniques;
- innovative protection and/or control technologies and methods;
- developments in communications and information technology for power system applications
- developments in load management and controls;
- power electronic controllers/devices (PEC's or FACTS) for power system applications.

5.2 Transformers Committee Technical Sessions in Toronto

There will be two paper sessions sponsored by the Transformers Committee, one on Wednesday afternoon and one on Thursday morning. There will be a total of 7 Transactions papers and 3 session papers.

Respectfully submitted,

K.S. Hanus, Vice Chair