

5.0 Vice Chair's Report – K.S. Hanus

5.1 PES Technical Council Committees

The following are reports on activities of PES Committees on which the Vice Chair serves as Committee representative. All of the meetings reported were held at the 2002 Summer Meeting in Chicago, IL on July 21-24, 2002.

5.1.1 Technical Sessions

Here are the high points of the discussions held and the report presented at the meeting:

- a. PES will continue to publish Technical Committee promotional articles in the new Power & Energy Magazine. The emphasis will be on present and future activities. The length of the article is at the discretion of the author. It may include: technical information, announcement of new working groups and task forces, membership information, and recruitment's for new members. Recently Greg Anderson submitted an article for the Transformers Committee highlighting a recent meeting. Many thanks to Greg for putting the article together and his efforts to use the article to promote the activities of the committee.
- b. Mel Olken gave a presentation on the new PES publication titled "Power & Energy". Mel is the new editor of this publication which will replace the "PE Review" and "Computer Applications in Power" magazines beginning January, 2003. The new publication will be issued bi-monthly.
- c. John Paserba gave an update on the planning for the first "Even Year" meeting to be held in the fall of 2004. One annual PES meeting will be held in the early summer of each year (Toronto –2003, Denver-2004). Another meeting will be held in the fall of each year. In the odd numbered years this meeting will be the T& D Conference (Dallas-2003). John chairs a committee that is planning the fall meeting that will occur during even numbered years.
- d. Jim Harlow gave a presentation on the need to capture information presented in panel sessions. Abstracts for panel sessions are currently printed in the meeting proceedings. The PES officers have expressed a desire to capture the actual presentations given during the panel sessions. These presentations might then be posted on the PES Website. A lengthy discussion followed with a sampling of some of the comments from:

Susan Sacks – What would be the content?

Dan Nordell – Use Microsoft PowerPoint® and capture the speakers notes.

Greg Wlech – Would only submit Adobe Acrobat PDF files.

George Nail – Concern about the size of the files.

Bruce Dietzman will draft a policy proposal to be submitted to the Technical Council for review. This proposal will address the request of the PES officers. As an interim response, Bruce requested that the panel chairs ask the presenters in their upcoming sessions to provide them a copy of their PowerPoint presentations. Bruce will collect these presentations and have the Executive Office post them on the PES Website on a trial basis.

e. Susan Sacks, along with other members of the Executive Office staff, gave a presentation on the changes in the Author's Kit and the status of electronic publications.

f. Chair Dietzman expressed his thanks and appreciation to the members of the Technical Sessions Committee. He stated that he had truly enjoyed working with the committee and that the members of the committee had made his job very easy. He then introduced Keith Gray who will assume the Chair's position beginning on January 1, 2003.

g. Anne Marie Sahazizian, TPC for the 2003 General Meeting gave a report on the technical program for the meeting to be held in Toronto. Anne Marie stated the program would be based on five tracks which included Asset Management, Risk Management, Telecommunications Information & Control, Industrial Power Distribution and Developments in Power Engineering Technologies.

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.

Manuscript Submission: Complete manuscripts are to be submitted electronically via the PES General Meeting 2003 web site, which will be linked to the PES home page (www.ieee.org/power). The site will be available for submissions beginning early November, 2002 through January 13, 2003. Authors will be notified of the decision regarding their paper by the end of February, 2003. The site's URL will be announced at a later date. Please check the PES web site and the PES Author's Kit for manuscript formatting and preparation instructions and more information about submission as it becomes available

5.1.2 Organization and Procedures Committee

5.1.2.1 Technical Committee Activity Reports

There was much discussion on the scope of the Power System Communications Committee". It was noted the scope needed more information about security and safety. It was also noted the scope should not encroach on the NEC or NESC safety issues.

Malcolm Thaden discussed the need of O&P manuals addressing the handling of position papers. He suggested looking at the SA website and the requirements of the SA O&P manual for guidance. This may be something the Transformers Committee may want to look at doing.

5.1.2.2 Revision of the Technical Council Organization and Procedures Manual

There was no discussion about the Transformers Committee O&P Manual as it was approved during the New York TCOP meeting.

5.2 Technical Paper Reviews

5.2.1 Technical Paper Review Summary

Between April and October 2002, a total of (73) papers in the transformer area (including both new and revised papers) were submitted to IEEE Transactions on Power Delivery. During this time (68) reviews were completed and (5) reviews are in-progress. For completed reviews, the recommendations were: Accept without changes (33), Accept with mandatory changes (25), and Reject (10).

5.2.2 Technical Paper Session at 2002 Winter Meeting

We had two technical sessions with 6 proceedings papers and 3 transactions papers presented during the IEEE/PES 2002 Summer meeting in Chicago, IL, July 21 – 25, 2002.

5.2.3 Technical Paper Session at 2003 Summer Meeting

At this point there are four transactions papers proposed for the Toronto meeting, therefore it is likely the committee will sponsor two technical sessions at the meeting. The deadline for submission is January 13, 2003 and the final program for technical sessions will be finalized sometimes in March 2003.

Respectfully submitted,

K.S. Hanus, Vice Chair