

Minutes of the IEEE – Power Engineering Society

Power Engineering Education Committee – Main Meeting

Sunday, September 17, 2006

The PEEC Main Meeting convened in the Illinois Room in the SIU Student Center on the Southern Illinois University campus, Carbondale, IL at the 2006 North American Power Symposium.

Members and guests present: List attached

The meeting opened with introductions and a welcome from the NAPS host committee.

The Career Promotion and Workforce Development committee was the first committee to report. The committee has been very active. It has convened a blue ribbon panel consisting of Wanda Reder, Pete Sauer, CC Liu, Chris DeMarco, and Alex Flueck to spearhead manpower issues. They have requested an increment in the PEEC budget to develop a website (housed at Iowa State) that will have a survey to determine the future manpower needs. They also intend to submit a proposal to NSF for funds to hold a workshop of academicians, industry, utilities, and vendors.

There was considerable discussion about whether or not statistics support the anecdotal information that there are insufficient numbers of power engineers graduating to fill the needs of industry. Part of the difficulty in obtaining good numbers is 1) how to distinguish between power engineers and electrical engineers, 2) how to track power engineers that go into non-traditional-power fields. It was pointed out that Canada uses licensing data, but the US has no such mechanism.

Anil Pahwa reported that Ward Jewell will become the new chair and Ali Abur will become the vice-chair of the awards subcommittee on January 1.

Tom Overbye reported that there were no new updates since GM06 for the research subcommittee.

Bill Rosehart reported on the PSCE06 in Atlanta. 100 students registered for the conference. There were 50 participants in the student program. 20 posters were presented. There were several suggestions for encouraging students to participate in the student program. Also discussions were held about improving the student registration process. Tom Overbye suggested that there needs to be some type of assessment. Mariesa Crow suggested that a task force be created to develop an assessment plan. Also there was a suggestion that some of the student meetings subcommittee support be used to fund travel support for undergraduate participants in the student program.

Pete Sauer brought forth discussion about the Electric Power Conference which is being held on May 1, 2007 and taking the place of the American Power Conference. There will

be student targeted sessions. Pete requested that the student meetings subcommittee set aside funds to support students participating in this conference. There was discussion on whether IEEE funds could be used to support non-IEEE conferences. Pete will investigate if this conference can receive IEEE sponsorship (he is not sure if it is a for-profit conference).

The University Education subcommittee report was read by Karen (as submitted by email by Jeffrey Selman). They are planning a panel session entitled: Modernizing the First Course in Power Systems for the GM07. Jeffrey will chair the session. The confirmed panelists are:

1. Prof Mohammed A. El-Sharkawi – University of Washington
2. Prof. Dr.-Ing Istvan Erlich – University of Duisburg – Essen, Germany
3. Prof. Ned Mohan – University of Minnesota
4. Prof. Mariesa Crow – University of Missouri, Rolla
5. Prof. Shinichi Iwamoto – Waseda University – Tokyo, Japan
6. Prof. P. K. Sen – Colorado School of Mines

Gerry Heydt reported that 5 PEEC panels have been proposed for GM07. He discussed the process for establishing panels. Further he discussed some of the persistent problems in getting panels to happen. Also there was discussion on Gerry's question: what do we do when the panelists do not come through with uploading their panel summary.

Meeting was adjourned at 5:20 pm.

Respectfully submitted,
Karen Butler-Purry

In Attendance:

K. Butler-Purry

L. Bohmann

E. Calizte

B. Chowdhury

M. Crow

M. Daneshdoost

M. Etezadi-Amoli

C. Gross

H. Hess

G. Heydt

W. Lee

J. Mitra

M. Nehrir

T. Overbye

A. Pahwa

B. Rosehart

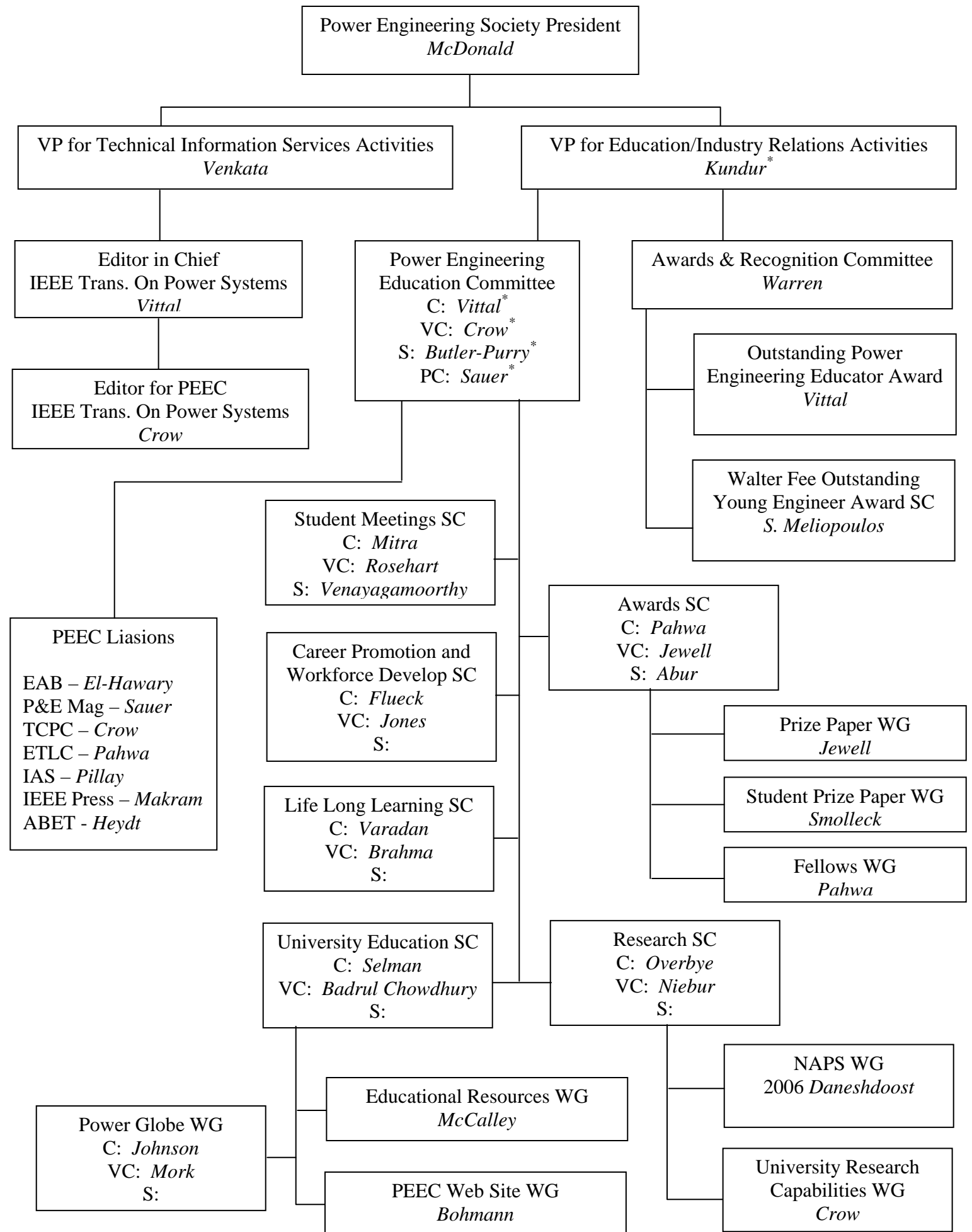
P. Sauer

N. Schulz

C. Singh

A. Srivastava

S. Suryanarayanan



Meeting Notice and Agenda

IEEE/PES

Power Engineering Education Committee Main Meeting

Sunday, September 17, 2006

2006 North American Power Symposium
Southern Illinois University, Carbondale, IL

4:00-5:30 PM

Illinois Room, SIU Student Center

Agenda

1. Introduction of attendees
2. Announcements
3. Subcommittee reports and requests for inputs on future activities:
 - Awards: Pahwa
 - Life-Long Learning: Varadan
 - Career Promotion and Workforce Development: Flueck
 - Research: Overbye
 - Student Meeting Activities: Mitra
 - University Education Activities: Selman
4. Old business:
5. New business:
 - PSCE06, GM07, NAPS07 updates
 - Update of NSF Power Program Manager position
6. Adjourn