

Minutes of the IEEE – Power Engineering Society

Power Engineering Education Committee - Main Meeting

July 15, 2003
Toronto, Canada

1. The PEEC main committee met at 10:00am in the Windsor West Room of the Sheraton Centre Hotel at the 2003 PES General Meeting in Toronto Canada.
2. Members present: See attached list.
3. Introductions and announcements:
 - All attendees introduced themselves.
4. The minutes of the 2002 Summer Meeting were approved as distributed.
5. Heydt brought the meeting to order and recognized award winners in several categories.
New NAE Members – Peter Sauer, Anjan Bose
Outstanding Power Engineering Educator – Leo Grigsby
New IEEE Fellows – A. Abur, M.R. Irvani, W.T. Jewell, B-T Ooi, T.H. Ortmeier, A. Pahwa, P.F. Ribeiro
WG Award – Student Activities WG
Service Award – Leonard Bohmann
Service Award – George Karady
Technical Committee Distinguished Service Award – S.S. (Mani) Venkata

A memorial resolution was introduced and read by Pete Sauer for Professor Stanley Helm of Illinois. The resolution was passed with comments about Professor Helm's service to the power engineering community, his career, and his students. The resolution reads:

Memorial Resolution for M. Stanley Helm: The IEEE Power Engineering Society - Power Engineering Education Committee (PEEC) recognizes the lifetime of contributions to power engineering education by Professor M. Stanley Helm of the University of Illinois (1911-2003). He was a Life Fellow of the IEEE and active PEEC member. We mourn his passing, and we will miss his numerous contributions to IEEE activities and power engineering education.

Prof. Y-N Yu of the University of British Columbia was also remembered. A moment of silence in their memory was observed.

6. Officer reports - Chair: G. T. Heydt:
 - PSC&E 04. Heydt handed out announcements of the new Power Systems Conference and Exposition and indicated that PEEC will play an active role. Three panel sessions have been planned by PEEC for this meeting.
 - a) Energy Infrastructure Options for Long-Term Sustainability, Tom Overbye, S.S. (Mani) Venkata
 - b) Challenges in Power System Infrastructure Security and Defense, Massoud Amin
 - c) Teaching Power Engineering Education in the Cyber Age, S. S. (Mani) Venkata
 - Heydt also announced that the 2004 NAPS meeting will be held from August 9-10, 2004 at the University of Idaho. Herb Hess passed out the call for papers and reminded the

audience that unlike other NAPS this particular NAPS will be held in August 2004 to avoid conflict with the PSC&E and the papers are due in March 2004. Crow announced that NAPS03 will be held at the University of Missouri, Rolla from Oct 20-21, 2003. About 140 papers have been submitted. Venkata announced that PMAPS 2004 will be held in Ames, IA from Sept. 13-16, 2004 and distributed the call for papers.

- Heydt provided an overview of the panel sessions at GM03 and highlighted the various activities associated with PEEC.
- Heydt also reported that the budget for the student travel program is likely to be eliminated. He indicated that there is a need to set up a mechanism to generate funds through an endowment. Discussions are in progress in the ADCOM to solicit companies and individuals for funds.

7. Officer reports – Vice Chair: Peter Sauer presented the transactions paper summary for the committee for the years 2002 and 2003

Year 2002
Manuscripts Received – 11
Manuscripts Accepted – 4
Manuscripts Rejected – 7

Year 2003
Manuscripts Received – 28
Manuscripts Accepted – 1
Manuscripts Rejected – 7
Manuscripts Pending Review – 20

Sauer also reported on the special section on power engineering education in the transactions. 97 abstracts were received following the call for abstracts. The review of these abstracts resulted in a call for 31 full papers to be prepared. 25 full papers were submitted for review. About 20 papers will be accepted for the special section scheduled for publication in February 2004.

8. Officer reports – Secretary: Vijay Vittal circulated the membership roster and asked everyone to check their mailing information.

9. Awards: Rama Ramakumar indicated that the awards subcommittee is being reconstituted. He requested nominations for Distinguished Service Award, WG Recognition Award, and the Prize Paper Award.

9. Life-Long-Learning: Chanan Singh reported that four tutorials are being conducted at the GM03 meeting. The lowest attendance in a tutorial was 7 and the highest attendance in a tutorial was 17. He also requested proposals for new tutorials. Singh also indicated that the ADCOM had approved a motion to remove the requirement of textual material for the tutorials and the Chair of the LLL would have the responsibility of deciding the appropriateness of the material supplied by the tutorial presenters.

10. Career Promotions: Karen Miu reported that both the career promotion videos have now been videostreamed and available at the University of Washington website. People needing CDs or videotapes should contact Miu. CDs will also be distributed to local chapters of other engineering organizations and videos will be targeted towards high schools.

11. Research: Anil Pahwa provided a summary of the subcommittee activities. This included the panel sessions organized. Pahwa also mentioned that the vision of the subcommittee was being reexamined and a new WG has been set up to recruit funding agency managers as participants. The vice chair of the subcommittee will chair this WG.

12. Student Meeting Activities: Karen Butler-Purry reported on the Student Meetings Subcommittee activities. The activities included three technical tours, free admission to tutorials and special technical sessions, poster contest, student luncheon, and other social activities. Statistics for this meeting are:

- a) 76 Sponsored Students.
- b) 22 Other Students
- c) 3 undergraduates
- d) 13 Students receiving up to \$400 travel reimbursement
- e) 39 Posters

A new poster judging procedure was adopted. Students submitted a PDF version of the presentation electronically and these were judged by a panel of 13 judges before the meeting. The posters were then judged for oral presentation at the meeting.

An overview of the student activities at the T&D CE was also presented. This exposition will be given \$15,000 to support the student paper contest. Local competitions will be held on college campuses. The first place winner will be funded to attend the T&D CE for a competition of all first place winners. The first place prize at this competition will be \$1500. This meeting will also have a student program.

13. University Education: Tim Skvarenina reported on the panel organized by this subcommittee on Capstone Senior Design. He also indicated that the resource subcommittee officers need to be reconstituted.

14. Heydt indicated that PEEC will organize 4 panels at GM04.

- a) Opportunities for Research in ONR Funded Research in Power Engineering, Dagmar Niebur – Repeat from GM03
- b) Energy Infrastructure Options for Long-Term Sustainability, Tom Overbye, S.S. (Mani Venkata)
- c) Challenges in Power System Infrastructure Security and Defense Massoud Amin
- d) Power Engineering in Multidisciplinary Education – Leonard Bohmann

15. Several new topics were also discussed:

- a) Vittal indicated that the PEEC officers rotation would be updated and sent along with the minutes to keep the membership up to date with current tenure of officers.
- b) Heydt raised the issue of following the Society's lead in setting up a procedure to select the Secretary of the PEEC committee to provide continuity to the two year cycle established in the committee's operations manual. A detailed discussion followed and several ideas were presented. One idea that had the support of several members was to create a nominating committee for the Secretary's position. This committee would seek nominations from the membership and then send out electronic ballots to the membership. The secretary would then be elected by the membership. In order to work out the details of the procedure an ad-hoc electoral process committee consisting of Tim Skvarenina, Leonard Bohmann, Mani Venkata, and Karen Butler-Purry (Chair) was set up. This committee will discuss the procedure and present its ideas at the next meeting during NAPS03.
- c) N.D.R. Sarma presented a proposal for a new "Journal of Student Project in Power." A discussion followed. No resolution was reached. The members felt that some of this discussion could take place off line. Sarma's e-mail address is ndrsarma@ieee.org for those interested in continuing this discussion.

d) Leonard Bohmann reported on the power engineering education resource survey. Jim McCalley has completed the web based survey and 100 responses have been received. All the tables have been directly generated from the web data. A transactions paper is being prepared.

e) Venkata reported on an item related to the DOE Roadmap and pointed out that an important item is associated with the revitalization of power programs.

16. The meeting adjourned at 12:00 noon.

Submitted by
Vijay Vittal
Secretary

Attendance list:

1. Leonard Bohmann
2. Karen Butler-Purry
3. Mariesa Crow
4. Sandra Ellis
5. Ali Feliachi
6. Alex Flueck
7. Adly Girgis
8. Anand Goel
9. Ani Gole
10. Ilya Grinberg
11. Herb Hess
12. Jerry Heydt
13. Keith Holbert
14. B. Jeyasurya
15. George Karady
16. Peter Lehm
17. Chen-Ching Liu
18. Elham Makram
19. Karen Miu
20. Hashem Nehrir
21. Nils E. Nilsson
22. Thomas Overbye
23. Anil Pahwa
24. Pragasen Pillay
25. M.A. Rahman
26. Saifur Rahman
27. R. Ramakumar
28. Satish Ranade
29. N.D.R. Sarma
30. Pete Sauer
31. Jeff Selman
32. Tarlochan Sidhu
33. Chanan Singh
34. Timothy Skvarenina
35. Rajiv Varma
36. Mani Venkata
37. Vijay Vittal
38. Dennis Wiitanen