

IEEE Power Engineering Society. St. Louis Chapter
Bi-monthly Newsletter
September 2002



St. Louis Chapter

Hi folks! Greetings from Rolla! My name is Badrul Chowdhury. I am the new PES Chapter Chair. I took over this position earlier this year from my predecessor, Dr. Mariesa Crow. My contact information is given at the end of this newsletter. I have taken the liberty of creating a mailing list with alias slpes@ieee.org and have included each chapter member who had provided an email address. If you would like to be removed from this list, please let me know.

Chapter Information

We are one of the largest PES chapters in any of the 10 regions of the IEEE. Currently, we have 235 members.

If you know of society members who may be eligible for a membership upgrade to either Senior Member or IEEE Fellow status please encourage them to apply.

We are in the process of updating the chapter web site. The webpage URL is <http://ewh.ieee.org/soc/pes/saintlouis>

Benefits of membership

As many of you already know, the Power Engineering Society has a total membership of 24,000 worldwide. It is the premier forum for sharing the latest in technological developments in the electric power industry, for developing standards and for educating members. We are constantly looking to increase membership in the society. If you are involved in the power industry and you know of someone who might be interested in joining the society, please direct them to the society webpage at www.ieee.org/power and specifically the “What’s In It For Me?” brochure available at <http://www.ieee.org/organizations/society/power/subpages/about-folder/BOM.pdf> and encourage them to apply for membership.

If you are either a student or a faculty member in a college/university, you may help by organizing regular meetings and seminars, arranging field trips to power facilities, and holding membership drives in the department. Remember new student memberships are free during the first year. Membership applications are available online at http://www.ieee.org/portal/cms_docs/membership/mem_serv/studapp.pdf.

I also have several copies (CD and VHS) of the “Careers in Power” video developed by PES. Just send me a request via email to obtain a copy.

Resources Available for IEEE/PES Members

- *IEEE Power & Energy Virtual Community*
A new web site is currently under development by volunteers within the IEEE. The address is <http://ieeepower.mindcruiser.com/> and it contains various educational and technical information for power engineers. IEEE members can join for free.
- *IEEE Explore*
This web site provides full-text access to IEEE transactions, journals, magazines and conference proceedings published since 1988 and all current IEEE Standards. Available at <http://ieeexplore.ieee.org>. You only have access to those journals that you subscribe to as an IEEE member. However, for students and faculty, access can be unlimited if your library subscribes to IEEE publications.

- MOCON – *Courses of interest to PES members*
 Fall 2002 Missouri Conference (MOCON) planned tutorials will be held November 6, 7, and 8 2002 at the St. Louis Engineers Club.
 - Electrical Overcurrent Protection - Mr. Paul Friemel
 - Motors And Motor Control - Mr. Marshall Long
 - Electrical Power Quality - Dr Badrul Chowdhury
 - Advanced Electrical Overcurrent Protection - Mr. Paul Friemel.
 For a complete list of tutorials please visit <http://www.stliecee.org/mocon>.

Technical meetings

To have a successful chapter, we must meet on occasion to discuss items and issues of current interest. I would like to arrange at least two meetings per year, most likely in St. Louis. Details will be made available later. In addition, the Electrical & Computer Engineering Department at the University of Missouri's Rolla campus holds about a dozen or so technical seminars a year with speakers from within the department and also external speakers. In the past, speakers have come from both academia and industry. These seminar dates, abstracts and speaker bios will be made available through the Chapter website. If you know of other schools in the area which hold regular seminars that might be of interest to members, please notify me.

IEEE Distinguished Lecture Program

The IEEE Distinguished Lecturers Program is one of the most exciting offerings available to the IEEE society chapters. For specific topics and speakers available under this program, please visit <http://www.ewh.ieee.org/soc/pes/membership/chapters/Web/pages/DLPTechnical.html>.

I have selected the following 5 possible topics/speakers for our Chapter for this year. I would like to poll our members to prioritize the topics so I can start making arrangements for the visit. Please vote 1, 2, 3, etc. with 1 being the highest priority. I will then invite the selected speaker for a half-day tutorial/workshop on a convenient date. Please return your votes to me by return email.

- Impact of Power Industry Restructuring on Power System Planning, Operations and Economics. *Speaker:* James J. Burke, ABB
- Solid State Power Electronic Devices. *Speaker:* Ben Damsky, EPRI
- Distributed Generation. *Speaker:* Joseph L. Koepfinger, Duquesne Light
- Substation Automation. *Speaker:* John McDonald, KEMA Consulting,
- Power System Grounding. *Speaker:* A. P. Sakis Meliopoulos, Georgia Tech

Chapter Outstanding Engineer Awards

IEEE awards an annual Outstanding Engineer Award for one of the members in each chapter. This award program allows each PES Chapter the opportunity to recognize the outstanding contribution of a local engineer to the power engineering profession. Criteria that are used for this award are:

- Outstanding technical contributions to the power engineering profession.
- Outstanding professional and leadership contributions to the power engineering profession
- Significant contributions to the local community representing the power engineering profession.
- Outstanding contributions in the area of power engineering education.
- Service to the Power Engineering Society and/or IEEE.

Nomination forms will be made available through the Chapter website. Awards will be made at a ceremony in conjunction with the local IEEE section meeting. An attractive plaque is presented to the recipient.

Upcoming conferences of Interest to Members

- International Conference on Harmonics and Quality of Power (*ICHQP*). 6 - 9 October 2002. Rio de Janeiro, Brazil. Contact: Prof. J. Pollicarpo, G. Abreu, GQEE/IEE/EFEI, PO Box 50, 37500-903 Itajuba, MG, Brazil, 55-35-3629 1243/1312, fax 55-35-3629 1326/1187, e-mail ichqp2002@iee.efei.br, Web <http://www.ichqp2002.efei.br>
- 2002 Transmission and Distribution Conference and Exposition: Asia-Pacific, October 6-10, 2002, Yokohama, Japan. Contact: Secretariat c/o International Communications Specialists, Sabo Kaikan Bekkan, 2-7-4 Hirakawa-cho, Chiyoda-ku Tokyo 102-8646, Japan, 81-3-3263-6474, fax 81-3-3263-7077, e-mail t-d2002ap@ics-inc.co.jp. Web <http://www.ics-inc.co.jp/t-d2002ap>
- 37th Annual Meeting of IEEE Industry Applications Society: October 13-18, 2002, Pittsburgh, PA. Contact: Kevin L. Peterson k.l.peterson@ieee.org. Web http://ewh.ieee.org/soc/ias/ias2002/index_java.htm
- 34th North American Power Symposium, NAPS 2002, October 14 – 15, Arizona State University, Tempe, Arizona. Contact Dr. Gerald T. Heydt, Electrical Engineering Department, ASU, Mail Code 5706; ERC 509, Tempe, Arizona 85287-5706; 1-480-965-8307, fax: 1-480-965-0745, e-mail: Heydt@asu.edu. Web: <http://ceaspub.eas.asu.edu/naps2002/>
- 2003 IEEE PES Annual Meeting is July 13-17 in Toronto, Ontario, Canada. Contact Joe Bailey, Toronto Hydro, 1-416-542-2874, fax 1-416-542-2833, e-mail jbailey@torontohydro.com
- 2003 Transmission and Distribution Conference and Exposition, September 7-12, Dallas, Texas. Contact: Al Dirnberger, TXU Electric, 1-817-215-6363, e-mail: al_dirnberger@txu.com
- 35th North American Power Symposium, NAPS 2003, October 20-21, 2003, University of Missouri – Rolla, Missouri. Contact: Dr. Mariesa Crow, 1-573-341-6305, email: crow@ece.umar.edu or Dr. Badrul Chowdhury, 1-573-341-6230, email: bchow@ece.umar.edu. Web: <http://web.umar.edu/~naps2003/>

Society news

- Beginning in 2003, PES will cease to publish the *IEEE Power Engineering Review Magazine* and the *IEEE Computer Applications in Power Magazine*. Instead, it will publish the *IEEE Power & Energy Magazine*, a bimonthly magazine dedicated to disseminating information on all matters of interest. In conjunction with the printed edition of the magazine, time-sensitive information will be made available electronically to interested parties at frequent, regular intervals.
- The PES Student Prize Paper Award competition is held annually. Please contact:
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New Mexico State University
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Member news

If you have any news that might be worth sharing with the rest of the chapter members, please send them along to me.

I look forward to working with you in making the St. Louis Chapter a success.

Badrul

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