

September 2006

See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>

September 2006 Section Meeting

Overview of the Energy Situation in PA

Join us this month for an interesting talk by Dennis Maloskey on the energy situation in PA. You will also have an opportunity to meet other members and enjoy a nice dinner.

- Date:** Tuesday, September 12, 2006
Dinner: 6:30 PM
Presentation: 7:30 PM
Location: The Special Events Rooms, behind the cafeteria, first floor of Olmsted Building
Penn State Harrisburg
777 West Harrisburg Pike
Middletown, PA 17057
- Dinner Cost:** \$15, \$7 for students
Program: Overview of the Energy Situation in PA
Speaker: Dennis Maloskey, Director of Sustainable Engineering and Development for PA Governor's Green Government Council (GGGC)
- Contact:** Larry Brown, E-mail: lbrown007@comcast.net, Phone: 717-561-9803.
RSVP by 09/08/2006 so we can get the catering count right for our hosts.
(Please contact by email if possible)

Dennis Maloskey is the Director of Sustainable Engineering and Development for the Commonwealth of Pennsylvania Governor's Green Government Council (GGGC) and serves on the Board of Directors for the Sustainable Energy Fund of Central Eastern Pennsylvania (SEF). Mr. Maloskey has over 15 years of experience in both private and public sector energy and engineering fields; has worked as a tradesman in construction and industry; and has been a longtime advocate, champion, speaker, presenter and educator for sustainability and pollution prevention.

The topic will be an overview of the energy situation in PA including a focus on Pennsylvania's sources of renewable energy with special emphases on hydro, wind, biofuels, and solar. The environmental and cost impact for these efforts will be presented along with the technologies.

Directions

The entrance to Penn State Harrisburg is located on PA 230, west of Middletown. There are several visitor parking spots available in the lot north of the Olmsted building.

From PA Turnpike (I-76): Get off at exit 247 (Harrisburg East). Follow PA 283 East toward the Harrisburg International Airport. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

From Lancaster and Points East: Take Route 283 West toward Harrisburg. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

From Harrisburg and Points North: Follow signs for Harrisburg International Airport/283 East. Take 283 East to the Harrisburg International Airport exit. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

You can access other directions to Penn State Harrisburg at <http://www.hbg.psu.edu/hbg/textdirections.html> and find campus maps at <http://www.hbg.psu.edu/hbg/campusmap/>.



Counties Served: Adams, Cumberland, Dauphin, Franklin, Juniata, Lancaster, Lebanon, Mifflin, Montour, Northumberland, Perry, Snyder, and York.

May Program

The last event of the Spring 2006 season was a tour of Sechan Electronics in Lititz, PA. A group of about 15 people met at the Lititz Family Country Cupboard restaurant for dinner then proceeded to the Sechan plant for a very complete shop tour. Highlights included the circuit board assembly area with wave soldering, pick-and-place machines, and optical inspection equipment; the test and repair area complete with souvenir Iraqi desert sand from equipment being returned from the field for refurbishment; and a large screen room used for EMI compliance testing. The tour concluded with a question and answer session and a discussion of a test chamber that had to simulate the sound propagation characteristics of the open ocean in a small and finite area. Thanks to our hosts Dave Miller, Jim Smith, and the engineering staff of Sechan Electronics for an excellent and informative tour!

IEEE Rebate

Thanks to our 2005 Officer Group (especially Ed Simoncek and Sedig Agili) for ensuring that we would meet our filing requirements in time, our section received a net 2006 rebate in an amount of \$5,418.40 from IEEE. 97% of IEEE Sections have earned a rebate for timely and accurate reporting of their 2005 activity. These funds are derived from member dues and are provided for support of the Section's activities, allowing Sections to offer the best possible services to their members consistent with their resources.

Call for Nominations - 2007 National Engineers Week Local Awards from CPEWC

Nominations are now being accepted for the 2007 National Engineers Week Awards to be presented by the Central Pennsylvania Engineers Week Council (CPEWC). The Engineers Week Council anticipates honoring three individuals who have made outstanding contributions to the engineering field with the following awards:

- Engineer of the Year
- Young Engineer of the Year
- Technical Achievement Award

The awards will be presented at the National Engineers Week Banquet to be held on Thursday, February 22, 2007 in lieu of our IEEE Section meeting that month.

Applications are available to download from the Central Pennsylvania Engineers Week Council website (www.cpewc.org). Completed applications from IEEE members REQUIRE forwarding from the IEEE Section; applications CANNOT be submitted directly to CPEWC. Please submit nominations and completed applications to Stan Telson, telson@ieee.org, no later than November 1, 2006 to

allow time for review and forwarding.

The Central Pennsylvania Engineers Week Council invites and strongly encourages nominations from each of the member organizations of the Engineers Week Council. There is no limit to the number of nominations that may be submitted by a member organization. A nominee does not need to be employed by a large company or be involved with large, high profile projects to receive the award. The award criteria have been established to honor an overall outstanding person, not to recognize a specific project. The award recipient must have a combination of work and non-work related accomplishments to receive the award.

Please discuss these awards with your potential nominees as soon as possible to allow sufficient time to complete the application. Nominees from previous years should be considered again for the awards. In previous years, numerous nominees deserving of recognition have been submitted, and often there are only minor differences between other nominees and the award recipient. Because the nomination applications only have minor changes from year to year, minimal effort is needed to submit a previous nominee. Unfortunately, many excellent persons have been nominated in the past and are then never submitted for consideration again.

The Engineers Week Council and the Susquehanna Section thank you for your assistance in helping us promote the engineering profession by nominating outstanding members of our organization.

IEEE Fellow Nominating Process Revisions with Application Engineer / Practitioner category added

The purpose of this article is to remind all IEEE members of the changes in the IEEE Fellow nomination process that have taken place over the past several years, mainly in the effort to generate more Fellow nominations from industry. Changes were initiated in 2003 - to the Fellow process - and to the appropriate IEEE By-Laws - to assure equal opportunity for election to IEEE Fellow grade of members with careers involving the application of technology. The changes actually took effect for the Fellow class of 2005.

The IEEE Bylaws were amended to clarify the eligibility of Application engineers and Practitioners, and to establish the realization of the significant value to society standard for evaluating nominations. Fellow candidates are now classified as - Application Engineer / Practitioner, Research Engineer / Scientist, Technical Leader, or Educator.

Another important step in modernizing the Fellow nomination process is that the nomination forms and instructions are available on the IEEE Web site – and that the nomination forms can now be submitted electronically. See the IEEE Web site at (www.ieee.org/fellow).

Although electronic submittal of Fellow nominations is highly recommended, and is the preferred method of submittal, the forms and instructions are also available in hard copy (via E mail to “fellow@ieee.org”). Nomination forms are able to be submitted in either “hard copy”, or electronically via the WEB. The Class of 2007 Fellow nomination cycle ends on March 1st, 2007.

All questions on the Fellow nomination process - or general Fellow questions should be referred to the IEEE Fellow staff – E mail – “fellows@ieee.org”.

IEEE Fellow grade membership is bestowed by the Board of Directors on IEEE Senior Members with an extraordinary record of accomplishment in any IEEE field of interest. The accomplishments honored shall have contributed significantly to the advancement of engineering, science and technology, bringing the realization of significant value to society.

2006 Tentative Schedule of Events

Tuesday, September 12

Tuesday, October 10

Free for students

Tuesday, November 14

Tuesday, December 12

Useful Information Column

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Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Chair at the above addresses.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Soheil Tofighi mtofighi@psu.edu. If you would like to convert from paper copy mailing of the Newsletter to WEB page delivery, please notify AB Shafaye, who serves as our Publisher.

Address Changes and Updates

There are several ways to correct member information with IEEE. They update their directory from the information you provide, and pass the changes to us monthly. Keeping your address information up to date will ensure accurate mailings.

There is a WEB based interactive “change of address” form at: <http://services1.ieee.org/membersvc/coa/intro.htm>

You can send an email to: address-changes@ieee.org

Call IEEE Member Services at 1-800-678-IEEE

Mail changes to:

IEEE
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
FAX changes to 1-732-981-9667

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