

IEEE POWER ENGINEERING SOCIETY MEMBERSHIP/CHAPTERS NEWSLETTER



SPRING 1998

Published Twice Per Year
(After Each Winter Power Meeting and Summer Power Meeting.)

1998 WINTER POWER MEETING

The first winter power meeting in Tampa, Florida, was held from February 1 through 5, 1998. Some statistics from the successful meeting are shown below:

- Total registered: 2080
- Spouses: About 250
- New members: 20
- Two tutorials: 43-44 each
- Sunday social: About 900 (much more than expected)
- Monday social: About 950 (much more than expected)
- Awards luncheon: About 400
- Student luncheon: About 150

Congratulations to James Howard, 98WPM general chair, and his dedicated crew for a memorable meeting. The relatively warm weather was a welcome change for a winter power meeting.

1998 GOALS FOR PES BY PRESIDENT RUSSELL

Launching his term as PES president, B. Don Russell unveiled a number of goals for the power engineering society as part of the general membership meeting at the 98WPM in Tampa, Florida, on Monday, February 2, 1998. The six goals that were presented are shown below:

- Create a strategic plan to support and promote the educational infrastructure in electric power engineering.
- Re-engineer our general meetings to better serve members needs.
- Create and implement a strategy for promoting and organizing international meetings.
- Evaluate ways PES can better interact with our supporting industry.
- Evaluate and increase the involvement of PES in the public policy arena.
- Increase the use of electronic means of international dissemination including electronic publishing.

Don also unveiled the new PES Governing Board structure as a result of the successful ballot measure passed by PES members in 1997. In general, several Board positions were combined to more effectively serve the goals of the society. Most notably, four regional representative positions were created under the PES vice president-membership/chapters to directly represent and serve member and chapter needs.

For the first time, the entire presentation was delivered in electronic format, including photos of all PES Governing Board members. In addition, the general membership meeting was moved to Monday morning immediately preceding the Plenary Session to great success.

**FLORIDA PES CHAPTERS
MEET IN TAMPA,
AGAIN**

On Sunday, February 1, 1998, Osama Mohammed, region 3 south chapter representative, organized another chapters meeting for the six PES chapters in his region. This particular chapters meeting was held in the Pelican Room of the Hyatt Regency Westshore Hotel, Tampa, Florida, headquarters hotel of the 98WPM, from 11:00 AM to 4:00 PM.

PES chapter chairs and/or representatives from the Broward Section, Miami Section, Palm Beach Section, Jacksonville Section, Orlando Section, and Florida West Coast Section attended. Also, in attendance was B. Don Russell, PES President, and James Howard, PES Vice President-Membership/Chapters.

Osama Mohammed began the chapters meeting with an open discussion of each chapter's activities over the past year as well as their planned activities for the current year. Chapter chairs talked about successes as well as areas which need further improvement. It was an important learning experience for all chapters present to learn from the activities of other chapters.

B. Don Russell discussed the value of networking and also the importance of describing PES activities to local companies. These two items will eventually help increase local company support to PES chapters and also increase membership. Jim Howard thanked the chapters for their annual event and encouraged them to meet frequently.

The remainder of the chapters meeting consisted of extensive discussions in order

to formulate and action plan including requests of PES to enhance the PES mission to serve the members of the region:

1. All PES chapters in Florida will utilize the PES distinguished lecturer program during the current year. PES is requested to provide all expenses if possible.
2. PES is requested to create an electronic discussion forum for all chapters in region 3 south on the IEEE/PES web site. This could be used to facilitate discussions and sharing of information within the region.
3. At least three chapters will apply for a loan from the PES chapters loan program to help increase PES activities in region 3 south. Business plans and requests will be submitted and forwarded to Jim Howard.
4. PES is requested to provide educational and tutorial videotapes to PES chapters in region 3 south at no cost to chapters that could not otherwise afford the published cost of the videotape.
5. PES is requested to provide a list of PES members in region 3 south on diskette directly to the PES chapters in region 3 south.
6. All those in attendance encouraged PES to apply the GOLD program in PES chapters in region 3 south.
7. PES is requested to become more involved with management in local companies. Letters should be sent to top and mid-level managers at local companies showing how PES can benefit their bottom line. Previously, PES has marketed power engineering to students through very successful videotapes; we need another videotape directed towards management. Local chapters will use this new videotape to gain support from local companies.

PICA '99 CALL FOR PAPERS

The 21st International Conference on Power Industry Computer Applications (PICA) is scheduled for May 17-21, 1999, in Santa Clara, California.

It is the mission of PICA'99 to:

- Present a full spectrum of 21st century information technology solutions for business systems, energy trading systems, and energy management systems of independent system operators, generating, transmission, and distribution companies, as well as vertically integrated electric utilities.
- Provide technical sessions that will help industry participants to learn the latest technology and trends.
- Attract a full spectrum of exhibitors from the energy industry to allow participants to find a total solution for their operational and business needs.

PICA'99 requests theoretical and practical contributions related to improvements and advancements in the following main areas:

- Power market management systems.
- Strategic information management systems for the competitive arena.
- Transmission management and control systems.

Within these main areas the following topics are particularly encouraged:

- Independent system operators control centers.
- Power exchanges & settlement systems.
- World wide web/internet applications for electric power business.
- Data warehousing and data mining for electric power industry.
- Case histories of applications which have transformed the power industry with demonstrated improvements in

economic benefits and customer satisfaction.

- Applications for risk management in an electricity market.
- Applications for bidding & gaming strategies.
- Applications for retail electric service providers.
- Innovative enterprise architectures.
- Experiences with hardware and software platforms.
- Customer information systems.
- Work management systems.
- Meter reading systems & back office automation.
- Strategic information technology systems.
- Systems for managing electricity markets.
- Other innovative applications & systems.

Prospective authors are requested to submit a 200 word abstract by August 15, 1998. The firm deadline for receipt of the full paper is October 1, 1998. All full papers will be reviewed by the PICA'99 Technical Committee in accordance with IEEE/PES procedures, and authors will be notified of the results by February 15, 1999. Accepted papers will be published in the PICA Proceedings and will be considered for publication in one of the transactions of the IEEE Power Engineering Society (PES). All papers must be prepared according to the guidelines of the IEEE/PES. Electronic submittals are encouraged in Microsoft Word (6/95) format.

The IEEE/PES authors kit is available from:

Web: <http://www.ieee.org/power>

or

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Earlier this year, the IEEE, through IEEE-USA and together with more than 50 other organizations, sponsored the National Engineers Week exhibit "Breaking Through: The Creative Engineer." The exhibit opened on February 26, at the National Building Museum in Washington, D.C., and will remain for eight months. The exhibit will then tour science centers and museums around the U.S. for two years.

Planned exhibit programming include a photo wall of engineers at work, gallery talks with the curator, a series of lectures to highlight creativity and innovation in engineering, off-site tours of significant Washington, D.C., area engineering landmarks, craft activities, family workshops, and hands-on demonstrations.

For more information about the exhibit, contact Chris Currie, IEEE-USA, Phone: (202) 785-0017, x342. Fax: (202) 785-0835, E-mail: c.currie@ieee.org.

NATIONAL SOCIETY AGREEMENTS

Also at the February 1998 meeting the IEEE Board gave its approval for the IEEE, on a three-year trial basis, to enter into national society agreements with two German national societies, VDE and GI, that allow a joint member discount of 25 percent instead of the usual 10 percent. If higher-grade IEEE membership increases at least 30 percent during the trial program, the program will be continued for an additional three-year period.

CREATIVE ENGINEER EXHIBIT

**IEEE ASIAN
PARTNERSHIP PROGRAM**

In the spring of 1998, IEEE launched the IEEE Asia Partnership Program, a program that will enable IEEE customers in countries in Southeast Asia who are facing severe currency devaluation to retain IEEE print and electronic subscriptions. It is costing these customers far more to pay for their IEEE purchases because the value of their local currency has decreased so drastically. A significant amount of IEEE sales come from this region, so IEEE has devised a program that will give these customers currency relief and enable them to keep their IEEE purchases in 1998 and 1999. For more information, contact Jonathan Dahl, IEEE Marketing and Sales, Phone: (732) 562-3997, Fax: (732) 981-9334, E-mail: j.dahl@ieee.org.

**ENDORSER REQUIREMENT
REMOVED**

At the February 1998 meeting, the IEEE Board voted to remove the requirement for an endorser on the IEEE membership application. Previously, a prospective member had to be endorsed by an IEEE member on the application.

VIDEOS NOW AVAILABLE

The PES Chapters Council is working closely with the Education Committee and utilizing out-takes from both the original Chapters Council video and the Sloan Project video. With these out-takes, a new Power Engineering video is expected to be produced of similar quality as the original for about half the cost.

A new tutorial, Power Electronics and Motor Drive, will be available to all PES chapters for their use in seminars, tutorials, etc. The normal member price of this video is \$699. However, a special price of \$50 is being offered to PES chapters on behalf of Bob Green and the Education Committee. This is a unique opportunity for chapters to present a continuing education course with minimal effort. Please contact Jim Howard for more details.

THE 30 AWARD CHALLENGE

The PES Outstanding Engineer Award is not a new concept. This award was created a few years ago but has not been used very much lately. Generally, the award format and selection process is left to the local chapter to decide so as not to create an undue burdensome approach.

In particular, PES President, Dr. B. Don Russell has issued a challenge to Vice President-Membership/Chapters, Jim Howard, to have at least 30 of these awards made this year.

Surely, you have members within your chapter that are outstanding engineers. Remember, the local chapter determines the selection criteria, which is fairly broad. In addition, the local chapter makes the selection. PES will even provide the plaque bearing the name of the outstanding engineer. How much easier could it be?

For more information on the award, see the accompanying article in this newsletter, or contact Mary Sager at (518) 395-5077.

PACIFIC NORTHWEST PES CHAPTERS MEET IN PORTLAND

A luncheon meeting of the PES chapter chairs for Oregon and Washington was held on September 17, 1997, in conjunction with Northcon in Portland, Oregon. The meeting was coordinated by Steve Dyrnes, chapter representative for region 6 north. A total of two out of four chapters attended the meeting: Kevin O'Conner, Seattle chapter, and Jay Mearns, Portland chapter.

The new D37 diskettes containing the PES chapter manuals were given to each chapter. The final conference proceedings from the 1996 Chapters Congress in Denver were also given to each chapter.

Local chapter meeting attendance was noticed to be on the decline. The Seattle chapter has their meetings in the evening where they alternate between Seattle City Light's facilities in downtown Seattle and Puget Power's facilities in Bellevue. The Portland chapter tends to hold noon luncheon meetings. Various techniques of luncheon meetings vs. dinner meetings vs. evening meetings with light refreshments were discussed. It was agreed that different techniques and mixtures are applicable to each local area.

The 1997 Summer Power Meeting in Berlin, Germany, was discussed along with the 1996 Chapters Congress, and a very positive feeling seemed to prevail. There was a definite interest in when and where the next Chapters Congress will be held (see accompanying article on the 2nd Chapters Congress elsewhere in this newsletter).

The future 2000 Summer Power Meeting in Seattle was discussed. Kevin O'Conner provided the names and addresses of preliminary conference committee members.

PES CHAPTER OUTSTANDING ENGINEER AWARD PROGRAM

The Outstanding Engineer Award program allows each PES chapter, on an annual basis, to recognize the outstanding contributions of a local engineer to the power engineering profession. Each chapter may present one award each calendar year.

The chapter is free to establish its own priorities for the selection criteria. The following areas are suggested for comparison of award nominees and may be modified to suit the needs of the chapter:

- 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 PES and/or IEEE
- PES and/or IEEE membership

Chapters that participate in this program should:

- Establish their own annual calendar for this award. One award may be given each calendar year.
- Publicize a request for nominations for the Outstanding Engineer Award. Each chapter member should be made aware of the award process.
- Designate a committee of at least three individuals to review the nominations for the Outstanding Engineer and to make a selection. This committee should be chaired by the chapter chair or his or her designee.

- Design nominations form as deemed appropriate by the local selection committee. A "free form" nomination procedure is appropriate.

This award should be given high visibility and status in the chapter. The award presentation should be coordinated with the local media to ensure maximum exposure in the local community.

PES will provide, at no cost to the chapter, an unframed award certificate to present to the recipient. A plaque may be obtained through PES also at no cost to the chapter. Shipping charges will be billed directly to the chapter.

Requests for the certificate or plaque must be made at least 6 weeks prior to the expected award date. Chapters outside of the United States may need to allow additional time for shipping. Send requests to Mary A. Sager, Power Technologies, Inc., P.O. Box 1058, Schenectady, NY, 12301-1058, Phone: (518) 395-5077, Fax: (518) 346-2777, E-mail: ma.sager@pti-us.com. The request must include the following information:

- Name of chapter presenting the award
- Name of award recipient
- Award citation (20 words maximum)
- Date of presentation
- City and State or Country where award is to be presented.

At least on an annual basis, a list of chapter Outstanding Engineer Award recipients will be published in the *IEEE Power Engineering Review*. For further information, please contact Mary Sager.

1998 PES CHAPTERS FINANCIAL ASSISTANCE PROGRAM

How many times have you dropped an idea for a chapter program due to lack of financial capital? If you're like most chapters, that would probably be often. Well, the PES Governing Board has come to the rescue!

During the PES Governing Board meeting at the 98WPM in Tampa, Florida, a maximum of \$200,000 was approved for direct use by PES chapters. There are a few but minor stipulations:

- The funds are available only in 1998.
- The funds must be used for the purpose of new chapter development, chapter growth, student activities, membership development programs, and member retention/recovery.
- Each activity must be approved by the respective Region Representative or Vice President-Membership/Chapters.
- Each activity must have a financial accounting report.
- Each activity must have a short descriptive report.

As a minimum, each proposal should indicate the purpose of the activity, when, and how much; that's all. There is no set dollar amount for proposals, and no reasonable proposal will be categorically rejected. If each chapter were to propose a worthwhile activity, or activities, in the range of \$500 to \$1000 each, we would be celebrating a major success.

Surely, you can find some activity that you would like to pursue to develop your chapter. It would be a shame to leave this money on the table when the chapters could put it to good use! Again, this program is valid for 1998 only and is not to be confused

with the PES Chapters Council Loan Program.

Is this free money? Yes, with only a few minor stipulations.

CHAPTERS CONGRESS 2000

At the 1997 Summer Power Meeting in Berlin, Germany, the PES Governing Board approved the second PES Chapters Congress. The second Congress is scheduled to take place immediately following the 2000 Summer Power Meeting in Seattle, Washington, in July 2000.

The PES Chapters Congress has three major purposes:

- Training of PES chapter chairs via informative sessions.
- Surfacing and prioritizing grassroots PES chapter and membership issues.
- Networking among PES chapter chairs worldwide and between these chairs and the PES Governing Board.

With the overall goal of improving the function and structure of all PES chapters, the PES Chapters Congress is therefore a prime vehicle for a two-way street of benefits. Not only will chapter chairs have the direct opportunity to voice concerns and learn lessons from other chapters, but also PES can learn first hand what the problems are and decide how best to address them.

The primary delegate from each chapter is intended to be the chapter chair at the time of the 2000 Chapters Congress. Identifying the current chapter chair during planning for the 1996 Chapters Congress was not all that straightforward. Accurate and up-to-date information was not always available, nor was it easy to determine what was accurate and what was not. Therefore, notification to IEEE headquarters of an officer change in your chapter is more important than ever.

In order for the 2000 Chapters Congress to be a success, a high percentage of attendance from all chapter chairs around the world is

required. Thus, substantial travel expenses will be reimbursed as part of the Chapters Congress budget.

Look for more information about the 2000 Chapters Congress in the near future.

PES REORGANIZATION

The reorganization of PES (following the successful ballot measure in 1997) took effect on January 1, 1998. In general, the reorganization intended to better represent a more global PES structure with emphasis on serving member needs on a more regional basis.

To this end, the position of PES Membership/Chapters vice president was created (which is loosely related to the former PES Chapters Council Chair position), along with four regional representatives: Regions 1 through 7 (USA and Canada), Region 8 (Europe, Middle East and Africa), Region 9 (Latin America), and Region 10 (Asia, Australia, and New Zealand), all of which are members of the PES Governing Board.

The abovementioned PES chapters structure and their resident appointees for 1998 are shown in the PES Membership/Chapters Organization Chart, along with the reformation of the former Chapters Council organization as completed during the 1998 Winter Power Meeting in Tampa.

**1998 PES
MEMBERSHIP/CHAPTERS
OFFICERS**

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