



IEEE POWER ENGINEERING SOCIETY MEMBERSHIP/CHAPTERS NEWSLETTER

FALL 1998

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

PES MEMBERSHIP CONTEST RETURNS FOR 1998 AFTER LONG HIATUS

At the 1998 Summer Power Meeting in San Diego, the Membership/Chapters Committee approved a PES membership contest for calendar year 1998.

Your PES chapter may be eligible to win the contest and a cash award up to \$1000. Each chapter is given a target quota of 6% of their membership based upon statistics from the 1997 IEEE Secretary's Report. For every new PES member your chapter obtains beyond the 6% quota, your chapter receives \$25. No credit is given to members who transfer between chapters or arrears members.

Two top awards will be paid — one to the winning large chapter (over 100 total members) and one to the winning small chapter (100 total members or less). These winners will receive \$500 in addition to the per member over the quota award up to a combined total of \$1000.

The PES Membership Development Committee will work with chapter chairs to obtain IEEE membership forms, suggest

membership development activities, and provide a listing of those IEEE members in their area who have expressed interest in power but who are not currently PES members.

Membership development is essential for any healthy organization. As you plan your chapter program, consider activities that may attract new members. Plan a "bring a coworker" meeting. Perhaps give away a door prize or free meal for those members who bring a potential member. Even though the contest is for the member and senior member grades, consider an event co-sponsored with a local student branch of the IEEE. Today's student members are the members of our future!

To be eligible for the PES Membership Contest, you must simply contact Drew Bonthron by either phoning at (410) 281-3324 or by sending a message via internet to andrew.j.bonthron@bge.com.

Note: While the entry deadline of October 15, 1998, has passed for the 1998 contest, a new deadline will be established for the PES Membership Contest during 1999. Look for details about the 1999 contest in the near future.

PRESIDENT'S MESSAGE AT 98SPM

PES President, Dr. B. Don Russell, described a few changes for the society during the general membership meeting at the 98SPM on July 13, 1998. The presentation centered around the formation of an external advisory council, a restructuring of our publications activities, and the re-engineering of our general meetings.

The PES External Advisory Council is intended to be made up of "handpicked" industry leaders who will:

- provide advice on how PES can best serve our institution.
- define relevant high interest topics for general meetings.

The Problem:

Publication in our archival journals is not available to the majority of our members who can not attend a general meeting to present their papers.

The Solution:

Eliminate the requirement for presentation before publication, that is, de-couple the Transactions from our meetings.

The Problem:

Increased use of a panel session without written documentation, rather than paper sessions, results in "low information" transfer, i.e., fewer people obtaining the presented information.

The Solution:

Document panel session presentations in short papers; publish all meeting contents in proceedings.

The Problem:

Decreased attendance and lagging interest in traditional paper sessions organized around Transactions papers.

The Solutions:

Free the technical committees to "design" program content to meet member needs. Free the technical committees to organize thematic paper and panel session using invited papers. Eliminate presentation requirements for Transactions papers.

The Problem:

Too many conflicting meetings and technical sessions results in poor session attendance.

The Solution:

Eliminate mandatory presentation of Transactions papers to reduce the number of sessions. Organize sessions around themes of high interest. Manage the number of technical meetings.

Publications - The Past Dilemma

Papers: Present and archive, or reject.

Panel Presentation: Attend the session or miss obtaining the information.

Transactions (on an independent schedule)

Sample content:

- State-of-the-art reviews
- "Theoretical" works
- Research reporting
- Analytical works
- Archival works

Alternative to transactions papers are:

Conference Papers (on meeting schedule)

Papers not destined for publication in Transactions, but will be published in the proceedings of the conference.

Sample content:

- Current industry themes

- Applications papers
- Panel discussions
- “Hot topics

Future of Publications:

- Electronic submission of papers
- Net-based review and discussion of papers
- Net-based publications

**PES MEMBERSHIP
DEVELOPMENT ACTIVITIES**

The PES has begun two new initiatives aimed at improving member retention. First, a "welcome letter" is sent to each new member. It provides some basic information and offers assistance with any start-up difficulties.

Second, we have created a letter for those PES members who go into arrears. This letter is in addition to the normal IEEE contacts and is sent just after membership services are terminated. It includes some information on reinstatement and asks the member to return a brief questionnaire telling us why they have decided to end their membership in PES.

PES staff will be compiling and analyzing the responses.

The PES continues to pursue new student members. We are reprinting the customized “Enroll Your Mind” brochure, suitable both for new IEEE members and for existing student members who want to join PES. This brochure highlights the free first-year PES membership offer, which is still in effect for the 1999 dues year.

We are also continuing advertisement of the PES in *Potentials*, the IEEE magazine sent

to all IEEE student members in the United States and Canada.

PES Student Branch Chapters are eligible for a rebate of \$5 per student member and a one-year free subscription to the PES transactions. The publications are to be kept in a study lounge or other location readily accessible to student members.

For more information, please contact Bob Laramore, PES Membership Development Committee Chair, Phone: (937) 766-7686, E-mail: r.laramore@ieee.org.

**TELECONFERENCING
BRINGS CHAPTER CHAIRS
OF THE WORLD TOGETHER**

Barney Speckman, PES Chapters Support Chair, organized the first-ever real-time communication link for all chapter chairs during the Wednesday chapters luncheon at the 98SPM in San Diego.

Full attendance by chapter chairs from all 10 regions at a typical WPM or SPM chapters meeting has been impossible in the past. The most important aspect of holding a meeting with chapter chairs is the sharing of success stories amongst different chapters.

In order to bring more chapter chairs together, Barney set up a teleconferencing link whereby chapter chairs could dial in and participate during the chapter reporting session over lunch (lunch for the 98SPM attendees, that is).

With the success at the 98SPM, the teleconferencing concept will probably be repeated at subsequent meetings.

**DEREG/REREG
SYMPOSIUM BY
EASTERN MONTANA CHAPTER**

A daylong symposium on the topic of deregulation/reregulation of the electric utility industry in Montana was held by the Eastern Montana PES Chapter recently. This topic was chosen to inform IEEE members and the general public about the impacts of the new law passed by the Montana Legislature, entitled "Electric Utility Industry Restructuring and Consumer Choice Act of 1997." This law allows large industrial consumers to choose their power supplier on July 1, 1998, with all other Montana consumers following in July 2001. This law allows full retail wheeling to all electricity customers in the state. Montana is one of the first states to enact legislation to open the transmission system to retail access.

The program was very successful and was well received by the participating engineers, utility officials, public officials, and commercial and industrial customers. The focus of the program was to provide a better understanding of the origin and evolution of national and local legislation aimed at reregulating the electric utility industry. Program topics included the history of deregulation from the 1979 PURPA and 1992 NEPA, to FERC Orders 888 and 889 of 1997; Montana Senate Bill 390 and customer choice; and a panel session presenting perspectives from several utilities serving Montana customers.

The chapter utilized the PES Distinguished Lecturer Program as the cornerstone of the symposium by inviting Mr. Jack Casazza to keynote the program. Mr. Casazza is a world renowned energy expert from Washington, D.C., who has published many

articles on utility deregulation throughout the world. His perspective on national and international trends in restructuring provided a wealth of information to the nearly 100 symposium attendees. Mr. Casazza stated "Electricity costs can only go down when the costs associated with producing electricity goes down. Anything else is just smoke and mirrors! Enforced price reductions are coming out of the pockets of the utility share holders, and are not a true measure of a competitive market." Mr. Casazza generated a lively discussion with the audience with his thought-provoking comments.

Impacts of the new Montana law on consumers was discussed by Senator John Harp, Majority Leader of the Montana State Senate. Senator Harp presented the history of the legislation and the process by which the bill was developed by a broad range of stakeholders. He related that the process was one of the finest examples of grass roots lawmaking that he had ever been involved with and also was a direct result of listening to the Montana electric consumer, in particular.

Other speakers included representatives from the Montana Public Service Commission, Montana Power Company, Montana Electric Cooperatives Association, Western Area Power Administration, and several powermarketing companies. Each speaker presented their own perspective on how the changing utility industry will affect their consumers as we move into the new era of customer choice. Attendees left the symposium with a greater understanding of the issues surrounding the electric utility restructuring debate, and how the choice of power supplier will personally affect them.

**NEW YORK/LONG ISLAND
JOINT PES/IAS CHAPTER
IS THE 1998
OUTSTANDING CHAPTER**

The winner of the 1998 Outstanding Chapter Award (OCA) is the New York/Long Island Joint PES/IAS chapter for activities during calendar year 1997. Ray Amara, Chapter Chair for 1996-97, and Hazem Huss, Chapter Chair for 1997-98, provided the leadership that led to an outstanding year's slate of chapter activities. Hazem Huss accepted the award on behalf of the chapter on Tuesday, July 14, 1998, at the Awards Luncheon of the 98SPM in San Diego. The complete text of the citation follows.

For excellence in chapter performance, the New York/Long Island chapter, under the leadership of chapter chairmen Hazem A. Huss and Raymond C. Amara, is awarded the 1998 PES Outstanding Chapter Award for an unprecedented 5th time, having won previously in 1975, '80, '88, and '92. Chapter performance is defined as providing technical and educational programs for its members, students and the public, and the development, recognition, and advancement of its members.

Throughout the year, the New York/Long Island chapter sponsored technical meetings ranging from Deregulation of the British Electric Power System, to the Rebirth of Rotary Technology for Power Quality. Technical tours were conducted at the Newark Airport Monorail System and the Linden Cogeneration Plant. In addition, the Special Events Committee of the chapter continued the long-standing dynasty of providing the planning, organization, and operation of another successful Winter Power Meeting in New York City during February 1997.

Members are rarely at a loss for choices with a wide array of educational courses offered by the chapter. In addition to two PE Review courses for the April and October exam of 59 sessions each, members could also choose between a National Electrical Code Review Course or an Overcurrent Protection Course.

A unique public affairs program consisted of a mailing campaign to all U.S. Senators and Member of Congress in the New York/Long Island area introducing IEEE in general and the chapter in particular.

In pursuit of a "brand identity" for PES with area universities, the chapter developed an annual college scholarship program in order strengthen ties to students.

Membership development was encouraged by offering a specially designed mug to new members and the recruiter of the new member. Members upgrading to Senior Member status were also presented with the special mug.

The latent strength of a chapter is drawn from the number of outstanding members providing exemplary service to the chapter and IEEE. Although there were many deserving such individuals, Robert A. Dent, past PES President, was selected as the recipient of the chapter's Outstanding Engineer Award.

The crowning achievement to an outstanding year is, ultimately, winning the PES Outstanding Chapter Award. The Power Engineering Society proudly salutes the New York/Long Island chapter and its officers for their truly outstanding performance.

**OCA COMPETITION
TO UNDERGO
NEW AND IMPROVED RULES**

Recent past history indicates a gradual decline in the total number of chapters entering the PES Outstanding Chapter Award (OCA) competition. In order to stimulate interest and competition amongst all PES chapters throughout all 10 regions, a few changes to the OCA rules will be instituted for the 1999 OCA competition.

The new and improved rule changes were approved by the PES Membership/Chapters Committee at the 98SPM in San Diego. A short description of the changes is listed below.

CHANGE #1: A cash award of \$1,000 will be presented to the winner, and a cash award of \$250 will be presented to all runners-up.

CHANGE #2: Minimum criteria will be established to determine an acceptable OCA entry.

CHANGE #3: Methods will be established in order to reduce the time and effort required for a chapter to prepare an acceptable entry.

CHANGE #4: A large chapter OCA competition and a separate small chapter OCA competition will be established, where a small chapter is defined as 100 members or less.

**PES
DISTINGUISHED LECTURER
PROGRAM**

The PES Distinguished Lecturer Program (DLP) is a vehicle by which chapters can feature top speakers at their meetings to present a variety of power engineering topics. The DLP is but one of many programs created to assist all chapters in offering a range of activities for their members.

The following funding guidelines are for one lecturer per chapter per year:

- 1) Lectures arranged in conjunction with scheduled business trips.
- DLP will pay incidental expenses
- (2) Lecturer is an employed engineer representing a company.
- Cost of the trip is encouraged to be shared.
- (3) If lecturer cannot be arranged within guidelines as stated in (1) and (2) above:
- DLP will pay 100% (for regions 1-6) and 100% (for regions 7-10) of the travel costs based on economy class fares. Other expenses will be paid by local chapters.
- (4) Lecturer is unemployed or is retired.
- Same as guidelines (3) above.

For more information, please contact Ben Mehraban, American Electric Power Service Corp., One Riverside Plaza, Columbus, OH 43215, Phone: (614) 223-2242, Fax: (614) 223-2205, E-mail: ben_mehraban@aep.e-mail.com.

CALIFORNIA PES CHAPTERS MEET IN SAN DIEGO

In a growing trend to enhance communications with chapter officers, the two PES chapter representatives for California arranged a Sunday Chapters Meeting at the 98SPM in San Diego. Terry Snow, Chapter Representative for region 6 south, and Keene Matsuda, Chapter Representative for region 6 west, led a presentation and discussion among the chapter officers from San Diego, Los Angeles, Orange County, Sacramento, Oakland-East Bay, and San Francisco. Also assisting with the meeting was Barney Speckman, PES Membership/Chapters Support Services Chair.

Joining the group for lunch and holding an open discussion was Dr. B. Don Russell, PES President, and Jim Howard, PES Vice President-Membership/Chapters, and Mel Olken, PES Executive Director. This open discussion format allowed chapter officers to personally meet the PES President, as well as allowing the PES President to hear about local chapter problems and concerns directly from chapter officers.

The remainder of the meeting consisted of discussing the various programs available to assist chapters such as:

- Distinguished Lecturer Program
- Outstanding Engineer Award
- Direct Chapter Financial Support
- Chapter Loan Program
- Outstanding Chapter Award
- Chapters Congress 2000 in Seattle
- Membership Contest
- Membership/Chapters Newsletter

A similar Sunday Chapters Meeting is currently being planned for chapters in region 1 for the 99WPM in New York City.

PES CHAPTERS COUNCIL AWARD GOES TO HOWARD & PAPADIAS

Each year, an individual (or individuals) is honored for their outstanding contributions to the PES Chapters Council (now Membership/Chapters). This year, the PES Chapters Council Award was bestowed upon two individuals. The presentation of a handsomely engraved plaque was made at the Chapters Luncheon in San Diego at the 98SPM on July 25, 1998.

The first recipient was James H. Howard, who wears many hats for the PES, but most notably this year as PES Vice President - Membership/Chapters on the PES Governing Board and PES Executive Committee. Jim's citation reads as follows:

*For Outstanding Leadership of
The PES Chapters Council
1990 - 1998*

The second recipient was Basil C. Papadias who as PES Region Representative for region 8, represented region 8 chapters on the PES Governing Board. Basil's citation reads as follows:

*For Outstanding Support of
PES Chapter Activities in Region 8
1991 - 1998*

Congratulations to both Jim Howard and Basil Papadias for outstanding contributions.

**ROGER SULLIVAN
RECEIVES THE
PES MERITORIOUS SERVICE
AWARD**

Each year one individual is selected to receive the honorific PES Meritorious Service Award. For 1998, that individual is none other than Roger K. Sullivan. The award was presented to Roger during the Awards Luncheon at the 98SPM in San Diego on July 14, 1998. The citation reads as follows:

*For his outstanding
contributions in leadership
of the administrative, technical
and educational activities of the
IEEE Power Engineering Society
1962-1998*

A short background of Roger's career is included below.

Roger K. Sullivan has an extensive record of outstanding and dedicated service to the Power Engineering Society as well as to other areas of the IEEE. An active volunteer in the Society since 1962, he served as Chairman of the New York/Long Island Joint Chapter of the Power Engineering and Industry Applications Societies in 1978-79. From 1978, he has been a member of four different technical committees. He served as Secretary of the PES Winter Meeting from 1981-1989, and as its Vice Chair from 1991-1997. Roger spent several years on the PES Governing Board, serving as Chair of the PES Chapters Council from 1992 through 1994, and Constitution and Bylaws Chair from 1996 to 1997. As General Chair, he spearheaded the PES Chapters Congress in 1996 - a first for any IEEE Society. Currently, he is chairing the 2000 PES Chapters Congress.

His service to the Institute is equally as impressive. In 1988 and 1989, he was Chair of the New York Section. He was chair of the Metropolitan Sections Activity Council in 1989-1990. In 1992-1993 he served as Chair of the IEEE Tellers Committee, and functioned as a director of the Electro Conference and Trade Show from 1993 through 1997.

Roger has been recognized for his PES and IEEE contributions on many other occasions. He became a Senior Member in 1972. In 1979, under his chairmanship, the NY/LI Industry Applications Society Chapter won the Large Joint Chapter Outstanding Chapter Award. In 1980, he was a recipient of the PES Working Group Recognition Award. He was presented with the prestigious IEEE Centennial Medal in 1984, and won the Region I Award for the Enhancement of Engineering in 1985. In 1991, he was honored with the PES Chapters Council Award, and in 1992, the IEEE Region I Award for Leadership in the Engineering Design of Electric Power Systems. The IEEE New York Section designated him the recipient of its Distinguished Service Award in 1996.

Roger has been with the Consolidated Edison Company in New York since 1958, the whole of his technical career. He has worked in substations engineering, systems operations, electrical system engineering, electrical plant engineering. Since 1994, he has been Principal Engineer in Con Ed's nuclear power engineering Electrical Projects and Program Section, responsible for cable separation environmental qualifications and various electrical power studies and programs.

Roger is the co-author of an IEEE Transactions paper entitled "Circuit By

Circuit Power Cable Separation in Nuclear Power Plants,” and has made major contributions to two published IEEE Standards. He holds a BS in Electrical Engineering from the Cooper Union, and an MBA in Engineering Management from City University of New York. He has been a registered Professional Engineer since 1972. He is a member of Eta Kappa Nu, Tau Beta Pi and Pi Tau Sigma.

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.

PICA '99

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.

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).

For more information, please contact:

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PICA'99 Technical Chairman

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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, a handsomely framed award plaque to present to the recipient.

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
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OFFICERS**

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