



ASSOCIATION OF  
ENERGY ENGINEERS

Bay Area Chapter

# NEWSLETTER

February 2005

## Meeting Information Tuesday, February 22, 2005

**AEE Bay Area Chapter Presents**

### Reality Check – Lighting’s Myth Buster

6:00 – 7:00 p.m.

Social

7:00 – 7:30 p.m.

Dinner

7:30 – 7:40 p.m.

Chapter Announcements

7:40 – 8:30 p.m.

Presentation

**Location:**

Café Rustica

**Cost:**

\$25 Members

\$30 Non-Members

\$15 Students

**Reservations:**

E-mail to [luther@energy-solution.com](mailto:luther@energy-solution.com) or call Luther Kopf at (510) 482-4420 ext 230 or FAX (510) 482-4421 using the handy FAX form. **Please make your reservations by EOB Monday, February 21.** You can also respond at the chapter website [www.aee-sf.org](http://www.aee-sf.org)

## President’s Message (cont.)

We’ll do our best to bring together scintillating speakers and enlightening tours for you, the members.

Keeping this Chapter running wouldn’t be possible without the sustained effort from the Board. This year’s Board includes:

President	<i>Bruce Chamberlain</i>
Vice President	<i>Luther Kopf</i>
Secretary	<i>Jim Kozelka</i>
Treasurer	<i>Steve Greenberg</i>
Newsletter	<i>Leslie Kramer/Linda Rossettos</i>
Website Manager	<i>John Clark</i>
Memberships/Database	<i>Steve Rottmayer</i>
Scholarships & Awards	<i>Rory Moran</i>
Member at Large	<i>Jim Kelsey</i>

In a similar vein, our Chapter acknowledged the 2004 Chapter Awardees because of their strong commitment to energy issues. Please take a look at this month’s Secretary Report or website for more information on these energy stars.

I look forward to seeing you at the meeting on the 22<sup>nd</sup> or hearing from you. Until then, take a look at our website for various news items including this month’s meeting announcement.

Happy Chinese Rooster Year! Gung Hay Fat Choy. (We look forward to you renewing membership in the coming month.)

*Bruce*

Bruce Chamberlain  
President, Bay Area Chapter  
[bruce@energy-solution.com](mailto:bruce@energy-solution.com)

## President’s Message

Well here we are - February already! The 2005 AEE Bay Area Chapter Board met recently to formalize Board members and brainstorm on this year’s meeting topics. We have a good range of topics from technology updates to facility tours to panel discussions on topics that address state and national energy issues.

## Corporate Sponsors

*A special thanks to our Corporate Members. If you were a corporate member, you could have your card advertised (and on the web site)*

### 2005 Board

President – Bruce Chamberlain  
(510) 482-4420 ext 227

Vice President – Luther Kopf  
510-482-4420 ext 230

Secretary – Jim Kozelka  
925-447-1140

Treasurer – Steve Greenberg  
(510) 486-6971

Newsletter – Leslie Kramer/Linda Rossettos  
(415) 434-0900 ext. 146

Website Manager – John Clark  
(510) 531-6107

Membership/Database – Steve Rottmayer  
510-834-6420 ext 17

Community Involvement – Open

Scholarships and Awards – Rory Moran  
(925) 437-2718

Member At Large – Jim Kelsey  
(510) 834-6420

**Interested in involvement?**

**Contact:** Bruce Chamberlain  
(510) 482-4420 ext 227



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## Secretary's Report

### AEE, Bay Chapter, 2004 Award Presentations

Every year we take the final meeting of the year to recognize a few of the people that have made a notable contribution to energy efficiency and energy policy. Please read on to meet the 2004 AEE Bay Area Chapter Awardees and learn about their outstanding achievements.

#### James L. Davis, PE, CEM - Brown, Vence and Associates Lifetime Achievement Award

Jim started his over 30 year tour of duty working on energy conservation from "the inside", in facilities management. He moved on to work as an energy engineer for himself and then for some of the familiar names in the energy engineering industry: Xenergy, Johnson Controls and Siemens and currently for Brown, Vence and Associates.

Jim was lead engineer for some very successful, large performance contracts for the University of Hawaii, St. Mary's Hospital in Reno, Fairfield School District, and others. He recently completed an energy study at San Francisco General Hospital that finally quantified how much steam the Hospital is wasting because of its antiquated backup steam generator that runs continuously.

Jim has a uniquely successful blend of hard and soft skills: an understanding of engineering fundamentals, hands-on experience with HVAC, controls, and lighting systems, and the ability to identify good projects and do all the energy savings calculations. Jim's positive, can-do attitude allows him to work well with contractors while teaching and mentoring other engineers.

#### Sascha von Meier – Professor, Sonoma State University, Department of Environmental Studies and Planning Energy Educator of the Year

For Sascha, energy education is a way of life. Sascha has taught, formally, at the high school, college, and graduate levels since 1986, she has educated the greater public on energy issues, ranging from the people (organizing public lecture series, writing Op Ed pieces,

and appearing on television), all the way up to testimony on "Energy Realities" to the U.S. Congress.

Professor von Meier developed and taught courses at UC Berkeley while earning her PhD in Energy and Resources, and continues to do the same at Sonoma State University where she is Director of the SSU Environmental Technology Center, "a building that teaches" by providing examples of green building technologies from rammed earth to photovoltaics, while itself being a classroom. Sascha also serves as faculty advisor to the student organization Sonoma Energy Exchange, facilitating energy-saving connections between the community and the University.

### **Gary Gerber - Sun Light and Power Company Renewable Energy Champion of the Year**

Gary Gerber co-founded Sun Light & Power Company (SLP) in 1975 and has been the president of the company since inception. Mr. Gerber earned a BS in Mechanical Engineering from UC Berkeley, is a registered Mechanical Engineer, licensed General Contractor and serves as chief designer and engineer for the company. Also, Gary is a court-accredited expert in the fields of solar energy, solarium design and hydronic heating. He routinely consults with clients on solar heating system design, radiant heating system design, and solar electric systems.

SLP was the first renewable energy company in Alameda County to become a certified Green Business. They use only recycled paper products, recycle all possible metals (wiring, scrap aluminum, copper pipes), and recycle or re-use all paper and cardboard including the packaging your renewable energy system will be shipped in. The SLP office is lit by natural daylight; a solar hot water system provides 100% of the hot water; the entire office and an electric vehicle are charged by the 6.6kW PV system on the roof, and SLP's fleet of service vehicles operates on bio-diesel.

SLP is in the process of becoming an employee-owned company, thereby ensuring that a devoted team of employee-owners will pursue the core "GREEN" goals for many years.

### **Gerald Lahr - Association of Bay Area Governments (ABAG) Local Government Energy Champion Award**

Mr. Lahr received his Bachelor of Science from the United States Naval Academy and his MBA from Creighton University. Jerry has thirteen years of experience in the energy industry, served eight years as an officer in the U.S. Navy and Merchant Marine. He has also worked as both an Operations Manager and Project Engineer for energy efficiency programs in Northern California including audit, analysis work and performance contracting. In addition he has worked as a financial and operations analyst for an energy supplier.

Gerry currently manages the ABAG Joint Powers Agency, whose principle goal is to conduct pooled purchasing of natural gas on behalf of local governments and special districts. ABAG's natural gas accreditation program beat PG&E natural gas pricing by 9% last year. ABAG and ABAG POWER also seek to support energy efficiency and demand management goals that benefit local governments.

Also, Gerry is currently the Prime Program Manager for the Local Government Energy Partnership (LGEP), a CPUC-funded energy efficiency program. LGEP provides technical and information services to assist small to medium-sized cities, counties, and special districts to complete energy efficiency projects in public facilities and to promote energy efficiency within their communities.

### **Assemblyman Mark Leno - CA State Assembly Member Energy Legislation Champion of the Year.**

As a member of the San Francisco Board of Supervisors from April 1998 to December 2002, Mark Leno championed and authored progressive, landmark laws in the areas of affordable housing, solar energy, bond oversight, small business services, and City CarShare. In November 2002, he was elected to represent District 13 of the California State Assembly. Mark currently serves as Chair of the Public Safety Committee, one of only four freshman legislators appointed to chair a policy committee in their first year.

Assemblyman Leno has been a major force in driving the California energy market towards sustainability. In late 2003, Mr. Leno's bill, AB 1685, became law authorizing California's Self-Generation Incentive Program through 2008 to provide \$125 million annually to subsidize solar and renewable energy sources. This will make solar energy a more viable option for consumers and give a needed boost to the growing solar industry and the thousands of jobs this industry provides in California.

In addition Mr. Leno's AB 594 bill, which calls for PG&E to credit San Francisco for energy produced at remote solar sites, was signed into law recently. This bill has eliminated the major hurdle in the implementation of Proposition B, the \$100 million solar revenue bond passed in 2001. According to David Hochschild, Director of Policy at the Vote Solar Initiative, "Assemblyman Leno has strengthened San Francisco's position as a leader in solar energy," and "This bill will make it much easier for public buildings (reservoirs, airports, jails, hospitals) to install rooftop solar electric systems, which is good for our environment and our economy."

Mr. Leno emphasized the importance of renewable energy legislation noting how the US has actually increased its dependence on foreign oil from about 40% under the Carter Administration (and was supposed to decrease to 20% by 2000) to approximately 60% presently. He stressed that increasing demand for, and decreasing cost of, renewable energy technology will further develop parity with non-renewable energy sources.

*Jim Kozelka*

Jim Kozelka  
Secretary



*Bay Area Chapter*

AEE Bay Area Chapter serves as a unique forum for the discussion of energy issues and concerns. AEE Bay Area Chapter provides common professional meeting ground for facility managers, design and specifying engineers, utility and vendor representatives and energy researchers to participate in vigorous peer-to-peer dialogue, learning and group discussion.

AEE Bay Area Chapter strives to provide quality professional development opportunities that build knowledge and skills through meetings, seminars and publications. Emphasis is placed on:

- Assessing the applicability of emerging technologies, and
- Improving the performance and reliability of current technologies.

Meetings are typically held on the fourth Tuesday of the month. All interested persons are welcome to attend, participate and join the Chapter. If you are interested in joining the AEE Bay Area Chapter, you can contact Stan Boghosian at (510) 845-7468, or you can directly download a mail-in membership application from the AEE website at: <http://www.aee-sf.org/form.rtf> or <http://www.aee-sf.org/form.doc>

**Do you know someone who might be interested in joining AEE Bay Area Chapter?**

The benefits of joining include:

- Participating in exciting and informative programs
- Receiving a monthly newsletter containing information on meetings, events, and job openings
- Communicating with other energy professionals

For membership application:  
**Contact Stan Boghosian  
(510) 845-7468.**

Membership applications may be downloaded from the AEE website at:

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or

<http://www.aee-sf.org/form.doc>

Meetings are held on the fourth Tuesday of each month. All interested persons are welcome to attend, participate and join.



*Bay Area Chapter*

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