



ASSOCIATION OF
ENERGY ENGINEERS

Bay Area Chapter

NEWSLETTER

April 2003

Meeting Information Tuesday, April 22, 2003

AEE Bay Area Chapter Presents

“LEED Certified Building Project Description – Bregal Technology Center”

by John Burgess and Nicolina Guiliano
(Johnson Controls, Inc)

6:00 – 7:00 p.m.
Social Time at Rustica

7:00 – 7:30 p.m.
Dinner

7:30 – 7:40 p.m.
Chapter Business

7:40 – 8:30 p.m.
Presentation

Location:
Rustica Restaurant

Cost:
\$25 Members
\$30 Non-Members
\$15 Students

Reservations:
Fax (415) 957-9096
chapter website www.aee-sf.org
or email Raj Daswani raj.daswani@arup.com
See insert for more information.

President’s Message Cont.

His focus was on the terrible attack on our nation that had just occurred. Jim was accurate in his predictions regarding the potential impacts on our world ranging from increased security costs and hassles to pressures on the airlines and our economy. This has eventually led to our current, admittedly controversial, involvement in the war against the Iraqi leadership, which has had worldwide impact. Our hope now, for the Iraqi people, is that the sacrifice on all sides for this opportunity for freedom and self-determination is used wisely for their sake. We also want our troops to be able to return home safely and as soon as is practical... (See www.aee-sf.org/archives)

EMPLOYMENT FORUM... Our economy is showing some signs of life, but seems to continue to languish. Our energy services business is not immune. Some firms are doing well, while some others are consolidating. At the past few meetings, it is apparent that there are a number in our ranks that have been impacted and are now looking for work. One of our charters and unique opportunities is to help facilitate getting employers and engineers together within our business sector. This newsletter, as well as the San Francisco AEE website Forums, has been good platforms to share employment opportunities. If your firm is looking for employees, you know of available openings, or you are looking for work, please also use AEE-SF to help. (See www.aee-sf.org/...forums)

CPUC SELFGEN DEPARTING LOAD FEE DECISION
[REF:HTTP://WWW.CPUC.CA.GOV/PUBLISHED/NEWS_RELEASE/24968.HTM](http://WWW.CPUC.CA.GOV/PUBLISHED/NEWS_RELEASE/24968.HTM)

There is finally a long awaited decision by the CPUC regarding the departing load fees for selfgen customers. The decision ends almost a year of uncertainty and is very good news for the selfgen business and customers. Results of the decision range from full exception from surcharges for qualifying solar, wind, and fuel cell projects of less than one megawatt to nominal surcharges for other qualifying projects. According to PG&E, the charges for qualifying cogeneration projects are still being decided, but the impact is expected to be on the order of ½ cent per kWh. This decision is a significant improvement from the over six cent per kWh that was originally being proposed by some of the utilities; which would have effectively ended most new selfgen projects.

President’s Message

JUST A SIDE NOTE TO START...

This is not intended to be a political forum, but it is very difficult to fully ignore the nation’s events of the past three weeks. I was looking back at the ‘President’s Message’ for the September 2001 Newsletter by our former president, Jim Kelsey.

2003 Board

President – Rory Moran
(925) 437-2718

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

Vice President – Raj Daswani
(415) 957-9445

Co-Secretary – John Clark
(510) 531-6107

Co-Secretary – Patrick Cave
(510) 530-5507

Treasurer – Steve Greenberg
(510) 486-6971

Membership – Stan Boghosian
(925) 933-8400 ext 212

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

Website Manager – Jim Kelsey
(510) 834-6420

Database Manager – Ed Spivey
(925) 299-8983

Community Involvement – Mark Kutchi
(650) 874-7280

Scholarships and Awards – Brian Estadt
(510) 521-5586

Member At Large - Open

Interested in involvement?
Contact: Rory Moran
(510) 420-8987

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 too).



NORESKO
100 Produce Avenue, Suite
So. San Francisco, CA

888-667-
www noresko .co



Newcomb Anderson Associates
755 Sansome St., Suite 500
San Francisco, CA 94111

www.newcombanderson.com



SCHILLER ASSOCIATES
PROJECT MANAGEMENT
AND ENGINEERING

www.schiller.com
E-mail: steves@schiller.com
Phone: 510-444-6500
Fax: 510-444-6502

Energy ETC. Inc. Smart Systems...
Smart Future
Engineering, Training,
Consulting CSL-#749992
Robert M. Wallace
22779 Rancho Palomares Pl.
Castro Valley, CA 94552-5408
Ph: 510-581-4899 Fax: 510-583-0926
e-mail: r_wallace@energyetc.com



1626 Holmes St., Livermore, CA 94550 • enaenergy@aol.com
(925) 447-1140 • Fax (925) 447-1706

1993 AEE International Energy Engineer of the Year

Energy Conservation And HVAC Problem Solving
"We Make Buildings Work" – Since 1981

Lori Fillman Brown
Project Development

99 Linden Street
Oakland, CA 94607
510-865-8235 TEL
510-863-2080 FAX
lbrown@RumseyEngineers.com
www.RumseyEngineers.com

RUMSEY
ENGINEERS

ENERGY EFFICIENT DESIGN

kw ENGINEERING



focus on energy

360 17th Street, Suite 100
Oakland, CA 94612
tel 510.834.6420
fax 510.663.3706
www.kw-engineering.com



Cathi McDade
Owens Corning
530 749-9642
cathi.mcdade@owenscorning.com



Capturing Wasted Energy
Savings
for Facility Improvements

ENERGY SAVINGS PERFORMANCE
CONTRACTING

with a choice of
1330 Broadway, ■ equipment type and manufacturer
Oakland CA 94612 ■ construction method
510-464-2973 ■ savings monitoring and guarantees
■ subcontractor selection

Headquarters: 12980 Foster Drive, #400
Overland Park, KS 66213 800.475.3500

BASE

BASE Energy, Inc.
5 THIRD STREET, SUITE 530
San Francisco, CA 94103
(415) 543-1600

base@baseco.com, www.baseco.com

Experts in Energy Efficiency for Industrial Facilities
WE REDUCE MANUFACTURING COSTS

Secretary's Report

ENERGY EFFICIENCY PROGRAM FORUM

Speakers: Fred Coito, *Exenergy*, Jim Flanagan, *Quantum*, Molly Sterkel, *ICF Consulting*, Mary Bryan, *Newcomb Anderson Associates*, Joe Oliver, *PG & E*, Bruce Chamberlain, *Energy Solutions*

Last month's meeting highlighted several new and existing residential and commercial programs administered by local companies. Each speaker was given the opportunity to address the group with information about one or more programs currently being offered. Here is a brief description from each speaker.

Fred Coito summarized a report prepared for the Energy Foundation entitled "California's Secret Energy Surplus: The Potential for Energy Efficiency (September 2002)". The report summarizes potential economic benefits as well as energy savings data based on key inputs such as measured data, end-use data, and building efficiency economic models. Predicted savings by the year 2011 include 18% GWH usage and 22% MW demand. For more information check the foundation's web site at www.ef.org.

Mary Bryan discussed "Power Savers", a lighting retrofit program for San Francisco businesses. The City of San Francisco Department of the Environment, funded by the CPUC, received \$7.8M in August 2001 to deliver turnkey lighting services to small, hard-to-reach commercial customers in San Francisco. The goals for the program include 6,600 surveys, 4,000 installations, and 6 MW savings. The program ends June 30, 2003 and is well on track to meet expectations by close. Through various lighting retrofits, customers can achieve \$290 plus \$195 per kW saved. For more information, contact Mary at (415) 434-2600.

ICF's Molly Sterkel introduced several programs for small commercial and industrial customers including "Green Power Partnership" and a peak load reduction program for customers with a peak demand between 50kW to 200kW. ICF is located in San Francisco and can be contacted at (415) 677-7105.

Jim Flanagan discussed the new "Oakland Energy Partnership" offering five different programs aimed at helping commercial and residential property owners reduce their energy costs. The programs provide analysis, training, implementation expertise, and equipment rebates for home and business users. For more details and eligibility, call (510) 981-2010 or visit www.oaklandenergypartnership.com.

Joe Oliver discussed the current state of PG&E's "Standard Performance Contracts". Funding is set for \$23M but we are still awaiting the final program details. Contact Joe or Ryan Stroupe at the PG&E Energy Center for more information.

And finally, AEE vice-president Bruce Chamberlain discussed the "Lightwash Program", a CPUC funded program slated for energy reduction through lighting retrofits in coin operated laundromats. Contact Bruce at Energy Solutions (510) 482-4420 ext. 227 or visit their web site www.energy-solution.com for more information.

John Clark
AEE Bay Area Chapter Co-Secretary

President's Message Continued

Additional related potential good news is regarding the Standby Reservation Charge exemption in effect for qualifying cogeneration projects. The exception extends through June 1, 2011 for projects that are installed no later than June 1, 2003. There are discussions with the CPUC that would extend the qualification period for projects installed through June 1, 2004. No decision has been made yet, but one is expected soon.

Thank you for your time.
Rory J. Moran



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, contact Stan Boghosian at (925) 933-8400, ext 212.

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
(925) 933-8400 ext 212**

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



65 Battery Street, Suite 200
San Francisco, CA 94111