



ASSOCIATION OF
ENERGY ENGINEERS

Bay Area Chapter

NEWSLETTER

October 2003

Meeting Information Thursday, October 23, 2003

AEE Bay Area Chapter Presents

"Photovoltaics in San Francisco"

A joint meeting of USGBC, AIA and AEE

5:30 p.m.
Registration

5:45 p.m.
Tour

We will be meeting informally after the tour at Jullian's in the Metreon at 101 4th Street.

Location:

Pacific Energy Center
851 Howard Street, San Francisco

Cost:

\$4 Members
\$8 Non-Members

Reservations:

Please send name, company, phone, email, and chapter membership information to event@usgbc-ncc.org and include "PV RSVP" in the subject line.

President's Message Cont.

We also had high expectations for our playoff baseball teams, but it looks like we'll again have to wait until next year. Anyway, following are a couple of more applicable observations.

Natural Gas Crisis Seems to Have Eased

Good news for consumers and cogenerators. Based on interviews with industry players, and various articles, the consensus seemed to be that the predicted short-term natural gas crisis and \$1.00/therm price for California was not likely to occur. The outlook for near to mid term gas pricing was steady with a slight decline from current pricing levels after a possible slight bump this winter. Some reasons offered for this include; the predicted consumption has been below that which was originally predicted and natural gas storage injections are currently occurring at near record rates and should be at acceptable levels by November. There are predictions based on key assumptions such as normal weather patterns, etc. <http://intelligencepress.com/>

National Energy Focus

The natural gas crisis and electric blackouts from overloaded grids appear to have provided a renewed emphasis on the need for energy conservation and alternate fuels on a national level. This has translated into several key initiatives. President Bush has proposed \$1.2 billion in research funding for hydrogen and fuel cell technologies. A recent DOE solicitation for a \$150-million program for the hydrogen fuel initiative is designed to develop hydrogen infrastructure in parallel with vehicles powered by hydrogen fuel cells.

President's Message

Greetings

It has been said that it's good to live in interesting times. I don't know if that is completely true, but it sure fits our state recently. At the time of this printing it looks that we have a new governor in our state, one who has little experience, but with high promises and high expectations on him. We wish him well and trust he has the wisdom necessary as he takes on this tremendous challenge.

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

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Workshop Announcement

PG&E is offering a free workshop on Energy for Healthcare Facilities on Thursday, October 30 from 8:30 a.m. to 3 p.m. at the San Ramon Valley Conference Center (3301 Crow Canyon Road). Topics include appropriate energy baselines, recently developed national guidelines, new construction and retrofit opportunities, self-generation, and case studies. RSVP via email to ljw4@pge.com by October 22, 2003. If you have any questions, contact Linda Wilson at 510-784-3313.

Secretary's Report

AN ELECTRICITY RESOURCE PLAN FOR SAN FRANCISCO

Speaker: Ed Smelnoff, *Assistant General Manager for Power Policy and Planning*

In 2002, the Board of Supervisors and Mayor Willie Brown adapted a ten year electricity resource plan developed by the San Francisco Public Utilities Commission (SFPUC) and the Department of the Environment

The plan called for a strategy to: 1) Shutdown the Hunter's Point power plant by 2005, 2) phase out the Protrero plant in the Southeastern part of the City, and 3) come up with a plan to use energy resources in a sustainable and environmentally favorable manner.

Hunter's Point Unit 4 and Protrero Unit 3 produce 163MW and 207MW, respectively. The Hunter's Point peaker plant produces 52MW. Unit 4 is 44 years old and will be out of compliance for NoX emissions by 2005. Retrofitting these plants would be cost prohibitive.

The plan also recommends installing four natural gas fired electric generators for: 1) improving electric reliability, 2) facilitate the shutdown of Hunter's point and Protrero plants, and 3) reduce the local impacts of electric generation. The task of locating the new generators is on-going and should be resolved in the very near future.

San Francisco's energy future appears to be on track. Barring any logistical complications or a change in relationships with PG & E., the plan for securing a new energy future in San Francisco is positive.

John Clark
AEE Bay Area Chapter Co-Secretary

President's Message Continued



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.**

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