

MARCH 2, 2004 MEETING INFO

Les Freres TAIX

1911 Sunset Blvd., Los Angeles, California

5:30 Technical Forum: Demand Control Ventilation

Speaker: Mr. Lonnie Lee
Principal, ICF Consulting

6:05 Social Hour (Fun Time!)

6:45 Dinner

\$25 with reservation
\$30 without reservation
\$10 student member

7:45 Main Program: USGBC/Leed Affects

Speakers: Mr. Tom Lunneberg
Vice President,
CTG Energetics, Inc

9:00 Meeting Ends

Reservations: Dale Au/Brenda Montmarquet (626) 961-9640, Fax (626) 961-9041 by Mon., March 1, 2004.

MARCH MAIN MEETING: USGBC/LEED AFFECTS

Speakers: Mr. Tom Lunneberg, Vice President of CTG Energetics, Inc.

Interest in sustainable design has grown considerably in recent years, and the Leadership in Energy and Environmental Design (LEED) green building rating system (developed by the U.S. Green Building Council) is probably the most popular way to measure environmental performance of buildings. Participating in the design of a LEED-certified project has implications for the mechanical engineer, who may be asked to provide a range of additional services including energy modeling, commissioning, and specific documentation for a number of the LEED prerequisites and credits. This presentation will present a summary of the LEED prerequisites and credits that potentially impact the mechanical engineer, and will offer guidance on the level of effort and documentation that is usually required. Suggestions will also be given about ways to approach various distributed generation systems options (photovoltaics, fuel cells, CHP systems) within the context of a LEED submittal.

Tom Lunneberg is Vice President of CTG Energetics, Inc., an Irvine-based consulting firm that specializes in delivering sustainable design, energy efficiency, and building commissioning services to a variety of clients. Tom is a 1991 graduate of San Diego State University's mechanical engineering program, and is currently completing his Masters degree in Business Administration from the same institution. Tom is a registered professional engineer in California and Colorado, and also a LEED Accredited Professional (LEED AP). Tom has been active in the field of energy efficiency for twelve years, and has particular interest in building simulation, commissioning, and distributed energy resources.

In this issue:

<i>March 2, 2004 Meeting Info</i>	1
<i>March Main Meeting: USGBC/Leed Affects</i>	1
<i>March Technical Meeting:</i>	2
<i>ASHRAE Research Promotion Campaign</i>	2
<i>E-Week Update</i>	3
<i>Membership update</i>	3
<i>AEEES (The Association for Efficient Environmental Energy Systems) to host GREEN BUILDING TECHNOLOGIES CONFERENCE</i>	3
<i>Southern California Chapter Program Schedule</i>	5
<i>Help Wanted</i>	5
<i>February Highlights</i>	7



From the President's Desk

*Robert H. Woods, President,
Southern California Chapter, ASHRAE*

Quite a discussion generated at last month's meeting. We had Larry Sun of TKSC Engineering and Peter Narbonne of ACCO discussing the pro's and con's of design build vs. engineered design. Our speakers fielded questions from the audience. I can't remember the last time we had this much audience participation. Good stuff!

Spring Seminar is coming. The date is Monday, April 19th on the USC Campus in LA. Seminars will include kitchen hood fan selection and VAV Box selection and considerations for design.

See you at the next meeting on Tuesday, March 2nd.

MARCH TECHNICAL MEETING:

Speaker: Mr. Lonnie Lee, Principal, ICF Consulting

Lonnie Lee is a Principal at ICF Consulting one of the world's leading consulting firms helping clients optimize energy resources, meet environmental challenges, foster economic and community development, enhance transportation policy and projects, and manage information technology resources. Lonnie is a veteran of the HVAC industry with more than 25 years of HVAC, business and sales management experience. He has trained over 3,000 contractors nationwide helping them grow their business and increase sales.

Lonnie has been a featured speaker at many industry conferences and trade shows including ACCA, ASHRAE, Affordable Comfort and NHRAW and many others across the nation. He is a member of IHACI, ACCA and AESP (Association of Energy Service Professionals). Lonnie is a principal at ICF Consulting and their HVAC group leader. Lonnie consults and works with state utilities nationwide and has managed programs that support EPA's HVAC Energy Star Residential and Commercial Programs for 5 years.

Lonnie is also responsible for marketing, strategic planning and training development support of the US EPA Energy Star Residential and Light Commercial Program. He is currently the program manager the California Public Utility Commission's (CPUC) "Demand Control Ventilation Pilot Program" and New York State Energy Research and Development Authority's (NYSERDA) "New York Energy Smart Unitary HVAC Program"

ASHRAE RESEARCH PROMOTION CAMPAIGN

By Carmen Urenda, PE

Southern California ASHRAE chapter has once again qualified for the Research Promotion Full Chapter Award. To reach this level, each chapter officer has submitted an honor roll level contribution of \$100 or more to ASHRAE Research. In recognition of this show of support, our chapter will receive an award patch at the Region CRC, be recognized in the February-2004 Insights Publication and will be highlighted in a special section of the October Journal Honor Roll along with all other qualifying chapters. In addition, our chapter will receive 200 PAOE bonus points.

Robert Woods	President
Donald La Marr	President Elect
David Kuo	Treasurer
Chad Herrick	Secretary
Carmen Urenda	Research Chair

In recent months, the following chapter members have also donated to the ASHRAE Research Fund and we thank them for their generous support:

Ray Morton	Kenneth Simon
Elmo Boldi	Clay Lampman
Kevin Smola	Richard Gilbert
Arnold Kaufman	Edward Saltzberg
Vachik Armenian	Kathleen Paulson
Yiufai Yung	Charles Richter
Gary Price	Dr. Manojit Sinha
Ernest Langer	Laurence Brink, Jr.
Robert Koval	Vernon Denny
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Gerrit Dekreek	Joshua Kheel
Wayne Adams	Michael Gallagher
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Harold Waterman	Narendra Amarnani
Joseph Drown	Lee Francis Sandahl
Craig Barnett	Cynthia Callaway
Thermal Comfort Systems, Inc.	Mars Air Doors
California Dynamics Corp.	H.G. Henry & Associates
	Pacific Insulation Company
	American Environmental Supply
	Patrick Byrne & Associates
	Southwest Group Engineering Consultants
	Denny Refrigeration Company
	Louis G. Horsefield & Associates

Please join your officers and fellow members in supporting ASHRAE Research. Contributions should be made payable to ASHRAE Research and sent directly to ASHRAE Research, 1791 Tullie Circle NE, Atlanta, GA 30329.



E-WEEK UPDATE

by Karine Leblanc

E-Week is coming in two weeks, so far, three high schools have confirmed two activities, however CTAC and Syska are still available. It would be great if all four activities were to be filled out.

Confirmed:

- ❖ P2S Engineering, Eric Yang
Williams S. Hart H.S., Elizabeth Wilson
30 Students
- ❖ Downey ERC, EAC, Randall Higa
Downey H.S., Nancy Nash
20 Students
- ❖ Valley H.S., Paul Fong
17 Students

To be Confirmed:

- ❖ CTAC, Edison
Citrus College, Jim Toda
? Students
- ❖ Syska & Hennessy
Available

MEMBERSHIP UPDATE

by Ralph Panting

Anyone needing applications or have changes to their personal information, please send it to me at:

Air Conditioning Specialties Co.
850 E. La Habra Blvd., La Habra, CA 90631
Fax: (562) 697-6296
e-mail: rpanting@acspecialties.com

AEEES (THE ASSOCIATION FOR EFFICIENT ENVIRONMENTAL ENERGY SYSTEMS) TO HOST GREEN BUILDING TECHNOLOGIES CONFERENCE

APRIL 6-8, 2004 AT THE KELLOGG WEST CONFERENCE CENTER ON THE CAL POLY POMONA CAMPUS.

Davis, CA - This conference is designed for contractors, builders, engineers, architects, utility staff, and other professionals who want to increase their knowledge of Green Building technologies and expand their role in the industry.

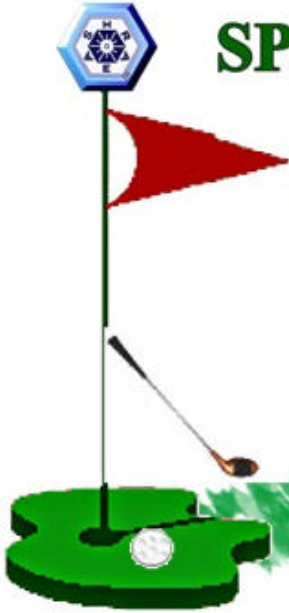
Workshop topics include: energy evaluation systems; geexchange; solar technologies; other green building technologies; building commissioning; the Leadership in Energy and Environmental Design (LEED) Green Building Rating System, focusing on one or more of the four LEED categories--Energy & Atmosphere, Indoor Environmental Quality, Materials and Resources and Water Efficiency.

For more program information or if you wish to learn more about exhibitor/sponsor opportunities, contact Guy Nelson, AEEES Conference Planner, at 541-994-4670 or gnelson181@aol.com.

Contact Barbara Langlais at the AEEES office (Phone: 530-750-0135 or E-mail: info@aeees.org) if you would like to register to attend.

Southern California Chapter

SPRING GOLF TOURNAMENT



Brookside Golf Club, Course #1
Pasadena

WEDNESDAY, APRIL 21, 2004

Time: Sign in at 10:00 a.m.

Shotgun start at 11:00 a.m.

Banquet & Dinner to follow

Limited to 144 golfers

Fee: \$130 per player

Dinner only: \$40 per person

Format: 4 Man/Woman Scramble

Awards: Golf Awards, Door Prizes, & Raffles Prizes

Donations: Company golf gifts are encouraged.

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Golf Chairman: Chad Herrick
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Please make checks payable to SOUTHERN CALIFORNIA ASHRAE
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12046 E. Florence Ave., Santa Fe Springs, CA 90670

SOUTHERN CALIFORNIA CHAPTER PROGRAM SCHEDULE

March 2, 2004

Tech Program: Demand Control Ventilation
 Speaker: Mr. Lonnie Lee
 Main Program: USGBC/ Leed Affects
 Speaker: Mr. Tom Lunneberg

April 6, 2004

Tech Program: Steam Considerations
 Speaker: Mr. Joe Hollingsworth
 Main Program: Hospital Design
 Speakers: Mr. Bob Okajima, Mr. Bill Scrantom, & Mr. Matt Volgyi

May 4, 2004

Tech Program: Primary Secondary Pumping
 Speaker: Mr. Terry Motes
 Main Program: Sustainable Design
 Speaker: Mr. Rob Bolins

June 12, 2004

Installation Dinner/Dance

Western Section Programs

- ❖ March 9, 2004: Harry's
 Location: 3313 State St., Santa Barbara, CA 93105
- ❖ April 13, 2004: Sportsman
 Location: 53 S. California St., Ventura, CA 93001
- ❖ May 11, 2004: Harry's
 Location: 3313 State St., Santa Barbara, CA 93105
- ❖ June 8, 2004 (Open)

HELP WANTED

Anybody wishing to place an ad in this column for an engineering or other position, please submit your request to:

JOEY JIRON
 Westland Heating & A/C
 1075 Hamilton Rd.
 Duarte, CA 91010
 Phone: (626) 301-4141
 Fax: (626) 301-4149
 e-mail: jjiron@ars.com

Please make a donation of \$50 per ad made payable to: ASHRAE Southern California Chapter.

ENERGY / BUILDING CONTROLS ENGINEER

KEMA-XENERGY is looking for a building controls engineer to perform on-site analysis of building automation systems at large commercial buildings in the greater Los Angeles Basin.

Will conduct evaluations of building automation systems to identify opportunities and system enhancements leading to peak load reduction and energy savings. Will also be responsible for engineering analysis and report preparation.

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This is a full-time position with an excellent benefits package, including 4 weeks annual paid vacation. Part-time temporary positions may also be available.

Candidates must be fully authorized to work in USA. Preference will be given to local candidates; no relocation assistance will be provided. For consideration send resume, including address, zip code, and telephone number to hr@kema-xenergy.com


Please refer to LAENG-0104 in your subject line.

KEMA-XENERGY is an equal opportunity employer.

APPLICATIONS SPECIALIST

Leading commercial HVAC company in City of Industry needs 2 Application Specialists, to be responsible for equipment portion of projects, including selection, pricing and submittal process. Bachelor's degree in Engineering required, familiarity with HVAC systems preferred. Competitive salary and benefits package. Fax resume to HR @ 626-913-7153 or e-mail rtjunge@trane.com.
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jjiron@ars.com

FEBRUARY HIGHLIGHTS



Larry Sun



Peter Narbonne



Julian de Bullet

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