



Austin and San Antonio Chapter of the Association of Energy Engineers



May 2006



Volume 1, Issue 4

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ENERGY INDEX

- 24th West Coast Energy Management Congress
Seattle, Washington
June 7-8, 2006

www.energyevent.com

- Third Annual Fuel Cell Conference
Raleigh/Durham, North Carolina
June 6-7, 2006

[www.fuelcell-magazine.com/
fc_2006conf_index.htm](http://www.fuelcell-magazine.com/fc_2006conf_index.htm)

- The First Building Commissioning Association Exposition
Austin City Center Marriot
Austin, Texas
October 16-17, 2006

A Note From The President

Greetings fellow AEE chapter members!

I would like to take this opportunity to thank Brooks Energy Services Lab (BESL), State Energy Conservation Office (SECO) and Mr. Chris Mueller for their outstanding presentation at our February ASHRAE Standard 62 conference. There were over 50 people in attendance at this event. The turnout and presentation were so impressive that SECO and BESL are working with AEE groups in Houston and Dallas to put on like conferences in their areas.

Our May meeting will feature a presentation by Jim Shoop and Brian Keller of Engineering Economic, Inc on Leadership in Energy and Environmental Design or LEED program. The focus of the presentation will be on New Construction (NC) and will address elements such as site development, water savings,



energy efficiencies, materials selection, and indoor environmental quality. The system used to qualify a building for LEED certification has been improved to make the process more user friendly and appealing. I am looking forward to a very informative session!

Please take the time to review the presentation and field trip line up for the remainder of the year. Our program directors and board have worked hard to put together a great line up which will provide useful information as well as some very interesting tours.

I would like to take a moment to thank Kimberly Blankenship for her dedication to our chapter. She

has been serving as the Communications Officer for the past two years; unfortunately, the rigors of her job have made it impossible to continue on. We will be looking for an immediate replacement as this position is vital to our organization. Please consider getting involved at the next level to keep our chapter growing and flourishing.

In conclusion, I would like to thank all of our members for their continued support of our chapter and welcome new members. The success and strength of the chapter resides in its members.

See you in San Marcos!

Sincerely,

Frank Thomas, CEM

Chapter President

frankthomas@nisd.net

Thank You Kimberley!!

Due to mounting job responsibilities, our chapter Communications Officer Kimberley Blankenship had to make the difficult decision to resign her office. She has been a strong advocate of our organization and her abilities will be greatly missed. In addition

to the duties of the office, her company, Honeywell, Inc sponsored our Board's monthly conference call meetings. Felix Lopez of SECO has graciously stepped up to have SECO host these calls. Thank you Felix! Any member who would consider stepping in

to fill the Communication Officer position, please contact either Frank Thomas or Bruce Dschuden. Thank you Kimberley for your years of service...please make the meetings when you can!



JAMES H. SHOOP

**LEADERSHIP IN
ENERGY &
ENVIRONMENTAL
DESIGN AKA LEED
IS A LEADING EDGE
SYSTEM FOR
DESIGNING,
CONSTRUCTING AND
CERTIFYING THE
WORLD'S GREENEST
BUILDINGS**



BRIAN KELLER, SCA

James H. Shoop

Engineering Economics Inc

Jim Shoop has a long background in building and mechanical systems. He has worked for Trane in various capacities over the years in Wisconsin and when he moved to Texas he managed the Trane Service Department. His duties included performing Testing Adjusting and Balancing, Sound

May Speaker

and Vibration analysis, Non-Destructive Eddy Current Tube analysis and Water Treatment. Jim founded Texas Energy Planners in the early 1980's as an HVAC controls firm and was sold and became Testing Specialties Inc., in 1989. He attempted retirement, but was brought back into the market by performing a few QA/QC consulting projects for TSI. These were the forerunners of today's Building Commissioning projects.

As time went on and more projects came by, he became General Manager for TSI in 2001 and was charged with the development and expansion of the Commissioning Division. In July 2005 an established Colorado based Commissioning firm, *Engineering Economics, Inc.*, purchased the Commissioning Division from TSI and Jim is currently serving as the San Antonio Branch Manager for *EEL*.

May Presentation

The AEE presentation for May will focus on the LEED NC building process for New Construction (NC) as established by the US Green Building Council. The discussion will include a power point presentation that will give an overview of the LEED NC process. Also discussed will be the impact of the LEED process in promoting building sustainability, changes in the construction market and the points rating system used to establish a

building certification. The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings. The [USGBC members](#), representing every sector of the building industry, develop and continue to refine LEED. LEED provides a complete framework for assessing building perform-

ance and meeting sustainability goals. Based on well-founded scientific standards, LEED emphasizes state of the art strategies for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. LEED recognizes achievements and promotes expertise in green building through a comprehensive system offering project certification, professional accreditation, training and practical resources.

May Speaker

Brian Keller, SCA

Engineering Economics Inc

Brian Keller is certified as a System Commissioning Administrator (SCA). He is currently employed as Project Manager with Engineering Economics, Inc. EEI was incorporated in 1984 and opened the San Antonio

Branch in July 2005. EEI primarily supplies Building Commissioning, Retro-Commissioning, Facility Assessments and Design Services to a variety of owners and LEED projects

across the nation. Brian holds certifications in Building Cx and TAB with the National Environmental Balancing Bureau (NEBB),

Green Building/Vehicle ExpoWorkshop



AIA-Certified Green Building/Vehicle Expo
May 26-27* Live Oak Civic Center* San Antonio TX

"BEST ALL AROUND GREEN EVENT OUTSIDE OF NEW YORK CITY!"

Live Oak Civic Center * 8001 Pat Booker Road
 Pat Booker Road Exit off of I-35 or Loop 1604

The 9th AIA-Certified Green Building/Vehicle ExpoWorkshop is where you need to be May 26-27 to see the latest green products and meet three major Chinese building/real estate/development corporation representatives who will be visiting and exhibiting this year. They want to see new green products and systems and exchange ideas. China has a new rigid energy conservation/environmental policy that is being adapted throughout the country. They will also be looking for potential Green Partners.

Professionals from across the country have attended the FREE (with admission) AIA (American Institute of Architects) Certified classes and awesome expo of the latest green building and vehicle products and systems. (No yellow-handled mops, pots and pans or jewelry booths to distract them.) Among the highlights will be a residential wind turbine system, affordable solar equipment and a new steel flooring system.



Green In-Construction Tour - Sunday, May 28 - Noon to 5pm

Locations and directions available at ExpoWorkshop
 See Earth Shelter, Compressed Earth Block and ICF projects under construction with experts on hand to answer questions on how to use these systems.

Platinum Sponsor: A.E.C.T. Compressed Earth Block Equipment

Media Sponsor: Prime Time Newspapers

Friends: AIA * Commissioner Tommy Adkisson * St. Phillips College

210.212.8031 Fax: 210.212.7103 Email: rzheck@cs.com

Additional "Green" Links of Interest

US Green Building Council (USGBC)

www.usgbc.org

US Green Building Council—Central Texas Balcones Chapter

www.usgbc.org/chapters/centraltexas

Engineering Economic, Inc.

www.eeiengineers.com

Building Commissioning Association (BCA)

www.bcxa.org

Presentations/Field Trips 2006

The following speakers, presentations, and field trips are scheduled for upcoming meetings:

May: Jim Shoop—LEED Certification

June:

July: Munters Plant Tour (T)

August: WideLite—Plant Tour/Lunch (T)

September: Energy Interactive—Load Profiling

October: CPS Energy Coal Plant Tour

November: Infrared Solutions (T)

December: End of Year Luncheon/Program

Do you have any ideas for future topics, speakers, or field trips? Please contact Bob Spiegel Rspiegel@ieee.org or Linda Rickard Linda.rickard@austinenergy.com

Want To Be Published?

It is hoped that future issues of this newsletter will feature articles authored by our own members. If you have done something innovative or want to provide some insight on technology, consider putting a pen to it and submitting for future publication. Space will vary from issue to issue so it would be nice to have a library of articles that we could share with our members!

Understanding Engineers...Take Two

To an optimist, the glass is half full.. To the pessimist, the glass is half empty. To the engineer, the glass is twice as big as it needs to be



Newsletter Comments? Contact Bruce Dschuden at brucedschuden@nisd.net



2006 Officers

Frank Thomas	President	<i>frankthomas@nisd.net</i>
Norman Muraya	Past President	<i>norman.muraya@austinenergy.com</i>
Bruce Dschuden	Vice President, Newsletter	<i>brucedschuden@nisd.net</i>
Karma Nilsson	Treasurer	<i>knilsson@cps-satx.com</i>
Sid Rodriguez	Membership (Austin)	<i>isidro.rodriquez2@austinenergy.com</i>
Robert Spiegel	Programs, Webmaster	<i>Rspiegel@ieee.org</i>
Linda Rickard	Programs Communications	<i>linda.rickard@austinenergy.com</i>

Our Mission:

- ◆ Advance the professional careers and the common purposes of its members. Facilitate networking, social exchange and training.
- ◆ Present and discuss energy, environmental topics, and members' ideas. Stay abreast of fast changing developments. Anticipate their future.
- ◆ Disseminate information to the trade and to the general public via meetings, publications, trade shows and presentations.
- ◆ Build an exciting, expanding chapter
- ◆ Cooperate with other AEE chapters and related organizations.
- ◆ Promote energy efficiency.
- ◆ Promote renewable resources

May Chapter Meeting

May 23, 2006
The LEED Process
Logan's Roadhouse – San Marcos, TX
11:00am Garage Room
512.805.8888





Austin/San Antonio Chapter of the Association of Energy Engineers

<http://www.txaee.org>

Local Chapter Dues for 2006: \$ 20.00

Date _____

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Business Phone: _____ FAX: _____

E-mail Address: _____

Suggested Speaker Topic or Tour: _____

Chapter meetings typically are held the 4th Tuesday of each month at 11:30 a.m. Location for the meetings is posted on the Austin/San Antonio AEE Web Site <http://www.txaee.org/calendar.htm>. Look forward to informative, professional, and educational presentations in the energy field, plus field trips to various locations in Austin and San Antonio.

For inquiries regarding this invoice please contact Isidro Rodriquez at 512-322-6333 or isidro.rodriquez@austinenergy.com

Remit to: Austin AEE, PMB 287, 815-A Brazos Street, Austin, TX 78701-2509

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