



Austin and San Antonio Chapter of the Association of Energy Engineers



August 2008



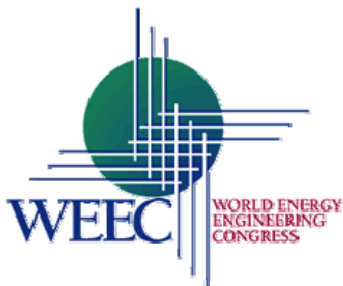
Volume 3, Issue 6

INSIDE THIS ISSUE:

August Presenters	2
August Meeting	2
Survey Results	3
Farewell Bob	3
Presentations/Field Trips	4
Chapter / Meeting Information	5
Join Us!	6

ENERGY INDEX

- ◆ World Energy Engineering Congress!
(WEEC)
October 1-3, 2008
Gaylord National Convention Center



Washington, D.C.

A Note From The President

Greetings once again fellow AEE chapter members and supporters! After two months of scorching heat we finally got some relief and the long awaited rain. It will help to lower our utility bills, particularly if we continue to look for creative ways to save energy!

I would like to thank Ben Sebree of Fresh Air Energy for his presentation on Energy Recovery Ventilator at our July meeting in San Marcos. Air to air energy recovery technologies have been attracting renewed interest as fuel prices continue to rise. They can provide a cost effective solution, especially if ventilation streams are located in close proximity.

I would like to thank all of you who took the time to complete the membership survey in July. The results were discussed in the Board Meeting this week. Your responses will assist the Board in understanding member expectations and concerns, allowing us to better serve the needs of the



membership – we greatly value your feedback! The survey results showed that you liked topics presented at the chapter meetings. However, the results also confirmed our understanding that we must make the meetings more convenient for you to attend. We will be investigating and experimenting with ideas to address this issue. A summary of survey results is included in this newsletter. Thank you again to everyone who participated in the survey. I also would like to thank our Vice President Michelle Noriega for taking the lead on this chapter effort.

Congratulations to Bob Spiegel on his new job! Bob

has accepted the position of Engineering Manager at Lockheed Martin's new office in St. Louis, MO and will be relocating there in the near future. The Board would like to express its sincere appreciation to Bob for his many years of service in several leadership roles including the President, Program Director, and more recently the Webmaster for our chapter. We wish him the best in his future endeavors!

The August meeting will feature a presentation on Demand Response by Stuart Taylor. Some additional information can be found in this newsletter and our website.

In closing, I would like to thank each and every one of you for your continued support to our chapter. See you next week in San Marcos!

Sincerely,

Mark Krawczyk, PE, CEM

August Presenter



Stuart Taylor, CEM

Stuart Taylor has over twenty years of engineering, manufacturing, utility, energy efficiency and supply chain experience. With this diverse experience, Taylor has an excellent understanding of utility and customer relations concerning efficiency related matters, as well as manufacturing and supply chain related issues.

Prior to joining Good Company, Taylor held positions of increasing responsibility with General Electric (GE) for ten years. He most recently served as a district manager for GE's industrial supply division. Taylor managed the sales and distribution of GE's full line of electrical distribution, factory automation and energy efficient products to utility, industrial, OEM and commercial customers throughout Central Texas, with customers including Austin Energy, Lower Colorado River Authority, Samsung Austin Semiconductor, Amtech Lighting Services, and Zachry Construction Company.

Before relocating to Texas from New Orleans, Taylor had direct sales responsibility for GE's industrial products and services to a \$6 million strategic industrial account package including Shell, Texaco, Occidental Chemical, DuPont, Entergy and GE Marine Systems.

Prior to working for GE, Taylor started his energy career with Entergy Louisiana (formerly Louisiana Power & Light Company) as a marketing engineer and project manager. He quickly progressed through the ranks gaining experience conducting energy audits, developing proposals and facilitating the installation of energy efficiency projects. He also gained valuable experience by developing industry and trade association relationships to promote new technology acceptance. Taylor ultimately joined Entergy's corporate marketing team in support of Entergy's three operating regions. In this capacity, he was responsible for developing and implementing programs such as Entergy's leased lighting program and Demand Side Management (DSM) programs.

Taylor is a graduate of Louisiana Tech University's school of engineering with a BS in mechanical engineering where he focused on the study of thermodynamics and energy management. He received his Master of Business Administration from the University of New Orleans. He is a Certified Energy Manager (CEM), a member of the Association of Energy Service Professionals and a charter member and former board member of the Association of Energy Engineers - Louisiana Chapter.

August Presentation

ERCOT - Demand Response in Report Card

It has been almost ten years since the Texas electricity market was deregulated allowing competitive service providers to compete for customers and services that were once the sole domain of vertically integrated utilities. Before this transition, ERCOT relied on over 4,000 megawatts of interruptible and curtailable load, group load curtailment programs, residential direct load control programs, thermal energy storage systems, and other "demand-side resources" to maintain reliability and meet the system's resource needs.

The goal of the PUCT is to "ensure not only that the load resources that have historically participated in the markets have a reasonable opportunities to continue to participate, but also that a framework is established for even greater load participation by load resources in the future." Today, through a variety of new ISO and utility sponsored programs, demand response has attracted less than 1,500 megawatts, despite the advocacy, hard work and determination of a number of demand response service providers. Stuart will provide an overview of DR programs that are currently available in Texas and the changes that are on the horizon as ERCOT goes Nodal.

Demand Response:

Responsible for developing and executing GCA's demand response policy and market development objectives. Manage Demand Response Texas (DRTx), a coalition of demand response service providers (DRSP) including Site Controls<<http://www.site-controls.com/>>, Converge<<http://www.comverge.com/>>, Enerwise<<http://www.enerwise.com/>>, EnerNOC<<http://www.enernoc.com/>>, ConsumerPowerline<<http://www.consumerpowerline.com/>> and Direct Energy. Work closely with company senior executives to support DRTx's objectives at the PUCT, ERCOT, and before legislative committees and staff. Representing Demand Response (DR) clients in Oklahoma Corporation Commission's (OCC's) energy efficiency rule collaborative meetings.

<<http://www.enerwise.com/>>, EnerNOC<<http://www.enernoc.com/>>, ConsumerPowerline<<http://www.consumerpowerline.com/>> and Direct Energy. Work closely with company senior executives to support DRTx's objectives at the PUCT, ERCOT, and before legislative committees and staff. Representing Demand Response (DR) clients in Oklahoma Corporation Commission's (OCC's) energy efficiency rule collaborative meetings.

To Learn More , Click on Logo

Good Company
ASSOCIATES

Survey Sez...

Survey Results Beneficial

By Michelle Noriega, C.E.M., LEED AP
Chapter Vice President

We had great response to our membership survey. AEE asked and you answered. To summarize the results, our members are enjoying our topics, as "Program and Discussion Topics" was overwhelmingly chosen by 95% of those taking the survey as either one of the primary factors or the ONLY factor in your decision to attend. However, we are hearing that the location and duration may be too much for many of our members to physically attend, but a mid-day/lunch option is still the best time of the day for us to meet. Third to topics and location, networking opportunities represent one of the primary factors for attending.

Other comments from our members included:

"I would like to attend more meetings if they were held in Austin."

"A good mix of field trips and interesting speakers and topics."

"Have meeting notes or power points available on the website"

"It would be wonderful to have a coordinated lunch order and start right away"

"I will try to attend more meetings! Keep up the good work"

Know that your board members are listening and will be responding with some new ideas to make our meetings more convenient for you to attend.

We will be drawing three \$50 gift cards at next week's meeting, although presence is not required to collect your prize but you will get it sooner!)"

Until We Meet Again...

Bob Spiegel is Moving On...

Bob Spiegel is moving to St. Louis, MO to take the post of Engineering Manager at Lockheed Martin's new office there. The 3-year contract is for reducing Commercial and Industrial users' energy and demand for Ameren UE, the principal Missouri utility. Bob will write technical specs for the program, visit large users, and supervise a technical staff. He will be accompanied by his two dogs, who haven't seen snow yet.

Editors Note: Bob will be greatly missed by our Chapter. He is a charter member (1991) and has been credited with reviving the chapter by moving meetings to lunch time and relocating to San Marcos in 2000 to draw interest and membership from San Antonio. He has served as President (2001), Program Director, and most recently as Web Master. Stay in touch Bob...Thank You and **Best Wishes** to you!!

Austin Energy News
The Austin Chapter of the Association of Energy Engineers
Vol. VII, Number 2

1998
11-6419
and
222 and RRA20)

marked
meeting
out
the Trail

Something else not to be missed in our Chapter's new web site at <http://www.aee.org/txaee>. My hearty appreciation goes to Bob Spiegel who enthusiastically volunteered to design the site, which is being donated to AEE by Austin Web Publishing, Inc. Bob has been a member of our local Chapter since its inception in 1991. He is also responsible for the outstanding range of programs this year and in the coming months. Please join me in thanking Bob for his good work.

My thanks also to Cliff Braddock whose dedicated calling on the morning of October 17th was able to secure us meeting space at the Austin History Center for the next year. Starting in January 1999 we will resume meeting the 1st Tuesday of each month. This should be good news to our architecture friends whose monthly meetings were also on the second Tuesday. Welcome back!

I urge everyone to attend next month's Chapter meeting on December 8 when members will elect officers for next year. Consider the knowledge and information you've gained from the variety of programs this year and what is in store next year. The operation of our Chapter doesn't happen by accident. It needs a core of committed, dedicated, and action oriented professionals such as yourself. Over to the group, rise to the challenge, volunteer for a position!

President's Message
Linda Rickard, 1998 AEE Chapter President
This month's meeting will feature a utilities tour of the 3M plant, hosted by Plant Engineer Virgil Bulk.

Bob Spiegel receiving recognition for Web Page by Linda Rickard in 2007 and 1998 Chapter Newsletter announcing first Web Site.

Presentations/Field Trips 2008


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

- August: Demand Response
- September: Power Quality and Energy Savings Studies
- October: Munters Plant Tour
- To be Scheduled: Lighting Retrofits

Do you have any ideas for future topics, speakers, or field trips? Please contact Linda Rickard
Linda.Rickard@AustinEnergy.com



First Time AEE International Member Discount



\$90

\$90

SPECIAL DISCOUNT ON AEE MEMBERSHIP

Join your local AEE chapter and receive
a \$90 discount on new membership in AEE International.*

This discount applies to new members only, not to retired or student members. No other discounts apply.

Name of Your Chapter: _____

Please attach this card with payment to the AEE membership application.

*All officers are required to be members in good standing in AEE International.
It is anticipated that all other chapter members will join AEE International within six months of joining chapter.



Understanding Engineers...Take 6

Half Glass of Scotch...

There is a half glass of scotch on a table.

The Arts student says that it symbolizes unfulfilled emotions.

The Science student starts calculating the exact percentage full.

The Engineering student goes up to the glass, drinks the scotch and asks, "What's the question?"



Newsletter Comments? Contact:

Bruce Dschuden at brucedschuden@nisd.net

Frank Thomas at ftthomas1@satx.rr.com



2008 Officers

Mark Krawczyk	President	Mark.Krawczyk@freescale.com
Bruce Dschuden	Past President	Bruce.Dschuden@nisd.net
Michelle Noriega	Vice President	Michelle.Noriega@austinenergy.com
Karma Nilsson	Treasurer	knilsson@cps-satx.com
Felix Lopez	Membership (Austin)	felix.lopez@cpa.state.tx.us
Brian Keller	Membership (San Antonio)	brian.keller@goetting.com
Frank Richards	Communications	Frank.Richards@austinenergy.com
Robert Spiegel	Webmaster	Rspiegel@ieee.org
Linda Rickard	Programs	Linda.Rickard@AustinEnergy.com
Sid Rodriquez	Scholarships	isidro.rodriquez2@austinenergy.com

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

We're On The Web!!



August Chapter Meeting

August 26, 2008

"ERCOT - Demand Response in Report Card"

Grin's Restaurant

San Marcos, TX

512.392.GRIN

(See Website for Map)



MEMBERSHIP INVOICE



Austin/San Antonio Chapter of the Association of Energy Engineers

<http://www.txaee.org>

Date

Local Chapter Dues for 2008

\$ 20.00

- New Member
 Renewal
 Discount AEE International
(Attach Coupon to this Form)

Please fill out the following information.

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.

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

*For inquiries regarding this invoice please contact:
 Karma Nilsson at 210-353-2815 or knilsson@cpsenergy.com*

Amount Paid _____
Method of payment _____
Check Number _____
Payment received by _____
Name Date