



# Austin and San Antonio Chapter of the Association of Energy Engineers



February 2006



Volume 1, Issue 1

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## ENERGY INDEX

- US-Mexico Border Energy Forum XIII  
Tampico, Tamaulipas  
October 19–20  
[www.glo.state.tx.us/energy/border/forum](http://www.glo.state.tx.us/energy/border/forum)
- Mechanical Reps, Inc Luncheon  
Packaged DX Energy Recovery Ventilation Systems  
March 2, 2006—Austin—RSVP Jamie Denton (512) 444-1835 or [jamied@mechreps.com](mailto:jamied@mechreps.com)
- Mechanical Reps, Inc Breakfast  
Packaged DX Energy Recovery Ventilation Systems  
March 1, 2006—S.A.—RSVP Michelle McNatt (210) 650-9005 or [michellem@mechreps.com](mailto:michellem@mechreps.com)

## A Note From The President

Greetings fellow AEE chapter members !

I would like to take this opportunity to thank Jerry Cassel and GE for his outstanding presentation for our January meeting. The Austin - San Antonio AEE chapter has enjoyed some banner years recently, with great programs, field trips and of course hosting the World Energy Engineers Conference in 2004 and 2005. The conferences have been hailed as the best ever. Our chapter has received a great deal of positive spin off from the success of the conferences. I thank all of those in our

chapter who worked so hard to make them successful. Our chapter has flourished as a result.

For 2006 we hope to continue to improve and grow our chapter. It is my hope that we can get more design engineers involved in our chapter and to address IAQ issues such as complying with ASHRAE 62 standard, in our hot humid climate. Your participation is needed, if we are to make



a positive impact. I invite

you to be involved, by providing input for programs and field trips. Invite friends and colleagues to join us in the fun of exploring and sharing new and innovative ideas in energy engineering.

I would also like to take this opportunity to remind members that the 2006 membership dues are currently being collected...please make it a point to either mail them in or even better, deliver in person at our next meeting!

Sincerely,  
Frank Thomas, CEM  
Chapter President

## What Do You Think?

In an effort to improve the chapter newsletter, a new format is being used. Volume 1, Issue 1 is the first attempt in this venture. In addition to supplying basic information, some other new areas have been added. The "Energy Index" will provide links to pertinent workshops, seminars, etc that will be held as well as any informational links pertaining to presentation scheduled for the monthly meeting. The "Notes from the President" will allow

for general comments, topics, etc that are informational for the membership. The inside pages will feature a biography of the speaker, details on the presentation as well as any other supplemental information that may be useful to the membership. The hope here is that we will all come to the meeting with background information that may enhance the presentation and interaction with the speaker. In the future it is also encouraged

that the membership submit articles of interest to be published. It is felt that this new format will better inform members as well as encourage others to become a part of our organization. Please look this initial attempt over and submit comments/ideas/articles to [brucedschuden@nisd.net](mailto:brucedschuden@nisd.net)



**BRUCE DSCHUDEN, CEM**

- **LEARN MORE ABOUT NORTHSIDE ISD**

[www.nisd.net](http://www.nisd.net)



**FRANK THOMAS, CEM**

### *Bruce A. Dschuden,* CEM

Bruce is a Certified Energy Manager (CEM). His current position is that of Energy Manager for Northside Independent School District, which has been held since 1990. Prior to his current position, he taught Industrial Technology for three years in Virginia and

## February Speaker

eight years at NISD. Educational background includes a BS in Industrial Technology from the State University of New York at Oswego and some graduate work at Texas State University.

Other professional organizations include, AEE national member since 1991, past member of Texas Association of School Business Officials (TASBO) and the Alamo Area School Mainte-

nance Operations and Construction Association (AASMOCA) which he served as President in 1998.

## February Speaker

### *Frank E. Thomas Jr.,* CEM

Frank is a Certified Energy Manager (CEM). He is currently an Energy Manager at Northside Independent School District, which he has been since 1990. Prior to that, he taught Industrial Technology for eight years at Northside.

His educational background includes a B.S. Industrial Arts - Southwest Texas State University and

a M.S. Industrial Technology - University of Texas at Tyler.

Professional organizations include, Association of Energy Engineers since 1991,

AEE Certified Energy Manager 2001. Frank was Program Director Austin/San Antonio AEE 2003 and now serves as President.

He has served 10 Years as a member of the SAWS Community Conservation Committee, where he

served as Chairman, 2001. He also has served as a member SAWS Rate Advisory Committee 2000 & 2003.

## February Presentation

As Energy Managers for Northside Independent School District, Bruce Dschuden and Frank Thomas have developed a comprehensive program that keeps the 5<sup>th</sup> largest school district in Texas running efficiently while not losing focus on the “business”...educating students. Through addressing basic elements of energy management, the presentation will show how the district uses educational along with various technology, software applications, internal regulations, utility services and rebates to make it all happen. By the end of this school year, the energy management program at Northside ISD will have saved the district and its taxpayers an estimated 20 million dollars since its inception in 1990. They credit much of the success of the program to “buy-in” of the District staff, ie Administration, Custodial, and Maintenance.



**BUILDING AUTOMATION SYSTEM**

**A COMPREHENSIVE PROGRAM THAT KEEPS THE 5<sup>TH</sup> LARGEST SCHOOL DISTRICT IN TEXAS RUNNING EFFICIENTLY WHILE NOT LOSING FOCUS ON THE “BUSINESS”... EDUCATING STUDENTS**

## Presentations/Field Trips 2006

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

- February: Bruce Dschuden/Frank Thomas—Energy Management at NISD
- March: Field Trip—IBM—Austin
- April: Chris Muller—ASHRAE 62 Conference—San Antonio
- May: Jim Shoop—LEED Certification

Do you have any ideas for future topics, speakers, or field trips? Please contact Bob Spiegial [Rspiegel@ieee.org](mailto:Rspiegel@ieee.org) or Linda Rickard [Linda.rickard@austinenergy.com](mailto:Linda.rickard@austinenergy.com). Currently, other topics of interest such as Building Commissioning, computer modeling for energy efficiency are being pursued. Tours such as Munters (Selma), CPSE Power Plant, and WideLite are being investigated.

## March Field Trip

Our March Field Trip will be to the IBM Advanced Solutions Experience Lab in Austin. This tour will allow us to dive into the house of the future in which every device is networked and interconnected. Come experience the possibilities of tomorrow through advanced computing right here in Central Texas! IBM has requested that we RSVP for this tour. Please contact Linda Rickard at 512-322-6328 or [Linda.Rickard@AustinEnergy.com](mailto:Linda.Rickard@AustinEnergy.com). Linda will need your name, affiliation, email, and whether you are or are not a US Citizen. (Non-US citizens will need to fill out a short form at check-in) **DEADLINE TO RSVP IS MARCH 2, 2006!**

## 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 a technology that you use from day to day, 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!



**STEVENS HIGH SCHOOL UNDER CONSTRUCTION**



## 2006 Officers

Frank Thomas	President, Newsletter	<a href="mailto:frankthomas@nisd.net">frankthomas@nisd.net</a>
Norman Muraya	Past President	<a href="mailto:norman.muraya@austinenergy.com">norman.muraya@austinenergy.com</a>
Bruce Dschuden	Vice President	<a href="mailto:brucedschuden@nisd.net">brucedschuden@nisd.net</a>
Karma Nilsson	Treasurer	<a href="mailto:klnilsson@cps-satx.com">klnilsson@cps-satx.com</a>
Sid Rodriguez	Membership (Austin)	<a href="mailto:isidro.rodriquez2@austinenergy.com">isidro.rodriquez2@austinenergy.com</a>
Robert Spiegel	Programs, Webmaster	<a href="mailto:Rspiegel@ieee.org">Rspiegel@ieee.org</a>
Linda Rickard	Programs	<a href="mailto:linda.rickard@austinenergy.com">linda.rickard@austinenergy.com</a>
Kimberly Neuhauser	Communications	<a href="mailto:Kim.Neuhauser@honeywell.com">Kim.Neuhauser@honeywell.com</a>

### 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

### February Chapter Meeting

February 28, 2006

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 4<sup>th</sup> 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](mailto:isidro.rodriquez@austinenergy.com)*

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

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