Greetings Austin-San Antonio Chapter Members!

It’s nice to see some decent rain this April since we will need it as the hot Texas summer weather is just around the corner. Try to enjoy the outdoors during this mild weather period and the lower electric bills it will bring!

Thanks to Dan Myers for his informative talk and tour of the San Antonio Water System during our March meeting.

Please join us at HTC Controls in San Antonio for an informative presentation on Building Energy Systems and DDC controls by Fernando X. Palos. HTC will also provide lunch!

Finally, please remember that in an effort to keep our monthly Chapter meetings informative, we will buy the member’s lunch that recommends a future speaker.

Have a great month,

Frank Richards
Austin –San Antonio AEE Chapter President

Energy Index

Austin Energy Green Building (AEGB) Seminars
Wed. May 6th, 11 am – Green Boots 2015
Tue. May 19th, 11 am – Green Boots 2015
Wed. May 20th, 11:30 am – Tiny Houses – Big Impact

For information on the topic, please go to:
http://greenbuilding.austinenergy.com/wps/portal/aegb/news/lut/p/a1/2d7rB7sMwDO4hZU0ObxO16FVzgEVi-6d7v12b7wyf7gq7jIuBDUUlirNYPz4dfpqp1_g_UgsflnNhCylal27h8cxbnp70z320m3e1ZjlYUOY4jG6xZ8W7H1fj4C56OGX4gS2rH36yH8h18XUJ1Yd8rga26jFgE9OmZcEoAd2D0H36/6GQODDVMNLuoHS2KeOPIlawpeccdfn2hSeF9G-H4VT23ofu_OZBw2HTy9rCuL94AGLe96w1/dIS/dS/L2dBlSevZ0FBIS9nQ53eh/
April Speaker

**Fernando X Palos**
Business Development Program
HTS Central Texas

Fernando X. Palos has been in the HVAC industry for approximately five (5) years. He currently is leading the HTS Building Automation Business Development program for HTS Central Texas. He focuses the majority of his time educating the K-12 and higher education facilities on energy management and utilizing a DDC Building Automation System.

April Presentation


Topics of this discussion will be the evolution of Building Automation Systems (BAS), drivers of BAS, challenges of Smart Technology, and Retro Conditioning. Building use is driven by demographics, economic development, lifestyles, changes in energy sources, and technology. With high CO2 emissions and growing demand for electric power, the need for effective and efficient energy management systems is felt now more than ever.

Lunch will be provided by Jason’s Deli compliments of HTS. You have your choice of ½ sandwich and soup as indicated below. Be sure to include your choice for both in RSVP to Linda!! For detailed menu descriptions, see meeting notification email.

**Half-Sandwich selections (choose a side if it comes with a side):**
- California Club – 770 cal, w/ choice of one (1) side: fresh fruit, steamed veggies, backed chips, or organic blue corn chips w/ salsa.
- Beefeater Original – 900 cal
- Beefeater Light – 730 cal
- Tuna Melt – 990 cal
- Spinach Veggie Wrap – 400 cal w/ choice of one (1) side: fresh fruit, steamed veggies, backed chips, or organic blue corn chips w/ salsa.

**Soup selections (check one):**
- Chicken Noodle
- Fire Roasted Tortilla Soup
- French Onion
- Organic Vegetable
- Tomato Basil
- Broccoli Cheese
- Fruit

Please RSVP to Linda Rickard at Linda.Rickard@AustinEnergy.com or 512-322-6328 by Monday morning 4/27/15. Be sure to include lunch choices as well!
On The Scene

Our March chapter meeting was held at San Antonio Water System headquarters and featured a presentation and tour of their Thermal Utilities; which provides chilled water service to downtown businesses and city facilities such as Alamodome and Convention Center. THANK YOU Dan Meyers for your hospitality, presentation and tour!!!

Need Directions to Meeting??

**Directions Coming from Austin:** Travel IH 35 South to Exit 166 - IH410/Texas 368 Loop S
Continue on IH 410 for approx. 4.0 Mi to Exit 21, merge right onto US 281 N towards Johnson City
Continue on US 281 N towards Johnson City and Exit at Nakoma Drive
Continue on Frontage Road merge to San Pedro Avenue for approx. 1.5 Mi.
Turn left at E. Nakoma Drive/US 281 overpass.
Continue on for approximately .6 Mi, HTS Texas will be on your right.
Interested in Carpooling? Please contact Linda Rickard at Linda.Rickard@AustinEnergy.com or 512-680-8837 (cell)

**Directions Coming from San Antonio:** HTS Texas can be easily accessed from either US 281 (airport area) or Wurzbach Pkwy via IH10, 1604, or IH410

Newsletter Comments? Contact: Bruce Dschuden at badschuden@gmail.com
2015 Calendar

<table>
<thead>
<tr>
<th>Month</th>
<th>Subject</th>
<th>Location</th>
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<tbody>
<tr>
<td>April</td>
<td>DDC Controls and Energy Savings</td>
<td>San Antonio, TX</td>
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<tr>
<td>May</td>
<td>PACE Financing for Energy Efficient Projects</td>
<td>San Marcos, TX</td>
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<tr>
<td>June</td>
<td>Energy Efficient Lighting Retrofits, Including but not limited to LED, Induction, Fluorescent, and HID</td>
<td>TBD</td>
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Do you know of a technology or a tour that would be of interest to our chapter membership? The board of directors welcomes your ideas and thoughts. Our chapter is only as good as the membership makes it...it is your chapter, please participate and provide input into the selection of presentations and tours! If your recommendation is used...it’s good for a free lunch for you!

Contact Frank Richards FrankRichards@BeeUSA.com with your ideas!

The Location for April Meeting will be:
HTS Texas
127 W. Nakoma Drive
San Antonio, TX
(See Directions on Page 3)

Understanding Engineers...Take 4

Engineers Explained

Chapter One - Fascination with Gadgets

To the engineer, all matter in the universe can be placed into one of two categories: (1) things that need to be fixed, and (2) things that will need to be fixed after you’ve had a few minutes to play with them. Engineers like to solve problems. If there are no problems handily available, they will create their own problems. Normal people don’t understand this concept; they believe that if it ain’t broke, don’t fix it. Engineers believe that if it ain’t broke, it doesn’t have enough features yet.

No engineer looks at a television remote control without wondering what it would take to turn it into a stun gun. No engineer can take a shower without wondering if some sort of Teflon coating would make showering unnecessary. To the engineer, the world is a toy box full of sub-optimized and feature-poor toys.
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.

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2015 Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
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<tbody>
<tr>
<td>Frank Richards</td>
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<td>Vacant</td>
<td>Programs</td>
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Follow us @TXAEE!

Join Us at Our Next Meeting!

Date: 28 April 2015
Time: 11:30 – 12:45
Location: HTS Texas
San Antonio, TX
See Directions Page 3
MEMBERSHIP INVOICE
Austin/San Antonio Chapter of the Association of Energy Engineers
http://www.txaee.org

___________________
Date

Local Chapter Dues for 2015 $ 30.00

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

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