Greetings Austin-San Antonio Chapter Members!

As we fall back into the final quarter of the year take time to enjoy your accomplishments and the knowledge how your career selection truly gives back to our planet!

Please join us for a tour of Austin Water Utility’s new Water Treatment plant #4 on September 22nd. Thanks to Brian Haws, PE, and Olivia Beck, EIT, process engineer with Austin Water Utility, who have agreed to be our hosts. Also, please join us after the tour for lunch at Rudy’s BBQ on RR 620.

I want to thank Jeff Wacker, with Austin Energy’s Green Building program for his presentation last month.

Your Board met last week and I’m happy to report we have a real great list of meetings planned for the coming months; we are also trying to decide on something fun and different for the Holidays. At this time a Spurs night, a Happy Hour gathering, BBQ event, and an Alamo/Riverwalk outing are being investigated.

The Board also approved a $500 donation to Charity for the Holidays. Please give us any suggestions you may have regarding the Charity donation.

Please keep in mind 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
September Tour Guides

Brian Haws, PE  
Process Engineer  
Austin Water Utility

Brian Haws has been a Process Engineer at Austin Water Utility for 19 years, providing in-plant technical support to O&M staff and plant management. Prior to joining AWU, he worked as a regulator in the Public Drinking Water Section at the Texas Commission on Environmental Quality. This followed several years with two national consulting firms. He holds a Bachelor of Science in Civil Engineering from Texas A&M University, and a Master of Science in Environmental Engineering from the University of North Carolina.

Olivia Beck, EIT  
Process Engineers  
Austin Water Utility

Olivia Beck has worked as a Process Engineer at the Austin Water Utility for two years. Her work has been focused on the startup and commissioning of the City’s Water Treatment Plant #4. She received her Bachelor of Science in Civil Engineering from the University of Texas at Austin and is currently pursuing a dual master’s in environmental engineering and public affairs.

September Tour

Austin Water Treatment Plant #4 Tour

The Austin Water Utility (AWU) provides water and wastewater service to more than 900,000 people in the Austin area. AWU operates three water treatment plants that draw water from the Highland Lakes. The Davis and Ullrich plants draw water from Lake Austin, while WTP4 draws water from Lake Travis. After several years of planning, design, and construction, WTP4 began treating water in November 2014. The current capacity of WTP4 is 50 MGD, with the design expandable to 300 MGD in the future. An off-site pump station supplies raw water to the plant, which employs a lime softening process. Chlorine is injected into the raw water line for disinfection. Clarification is achieved with two identical solids contact clarifiers. Following clarification, the water passes through dual media filters prior to clearwell storage, where it is retained until it is discharged to the distribution system.

https://www.austintexas.gov/department/water-treatment-plant-4

Tour Details

RSVP Requested by Mon. 9/21/15

Please RSVP to Linda Rickard at Linda.Rickard@AustinEnergy.com or 512-322-6328 by Mon. 2 pm 9/21/15 so that AWU can prepare for the list of attendees.

We will meet at 11:15 am at the Walgreens parking lot (6911 Ranch Road 620 N, Austin, TX 78792) Austin Water Treatment Plant #4 is across the street, but parking is limited there. Attendees will shuttle over to WTP#4.

Please dress appropriately with close-toed shoes.

Directions: From Austin - Head west on RM-2222 / Ranch Road 2222. At TX-360 / Capital of TX Hwy continue traveling 5.2 miles. Turn left onto Ranch Road 620 N / RM-620. Travel 0.1 mile and make your first left turn into the Wells Fargo / Walgreens parking lot. Due to limited parking at WTP #4 we will take car shuttles to the plant. (Continued Page 3)
(Directions, Cont’d)
From San Antonio - Head north on I-35 towards Austin. Take Exit #231/ US-290 W/TX-71 W toward Johnson City. Travel 3.3 miles. Take the TX-360 / Capital of Tx Hwy exit. Travel another 9 miles. Take the Ranch Road 2222 exit. Turn left onto RM-2222 / Ranch Road 2222. Travel 5.2 miles. Turn left onto Ranch Road 620 N / RM-620. Travel 0.1 mile and make your first left turn into the Wells Fargo / Walgreens parking lot. Due to limited parking at WTP #4 we will take car shuttles to the plant.

CEM® Certification Receives DOE Recognition

Yet another great reason to obtain certification...

The Association of Energy Engineers® (AEE®) is pleased to announce the Certified Energy Manager® (CEM®) is the first program to receive recognition from the Department of Energy as aligning with the Better Buildings Workforce Guidelines (BBWG). The Certified Energy Manager Program is the most recognized credential for energy managers and has also achieved ANSI accreditation. With over 15,000 active CEMs, the BBWG now has a quality workforce in place to meet the growing demands of the marketplace.

Better Buildings® is a national initiative in which the U.S. Department of Energy works with partners to promote greater energy efficiency to save energy and money, create jobs, and protect the environment. The Better Buildings Workforce Guidelines were developed in collaboration between DOE and the commercial energy performance industry to strengthen the growing energy efficiency market by certifying a highly skilled workforce.

Elections Are Coming

In the months ahead we will again need to elect the officers that will guide our chapter in 2016. Incoming chapter president Fred Yebra asks all membership to consider involvement as a chapter officer. In order for our chapter to continue to grow it takes the effort and dedication of our Board of Directors. Please review the list of officers on page five of this newsletter and let Fred know if you are interested in one of the positions...why not take your professional involvement to a new level in 2016??

Donation Ideas

As the final days of summer wind down, it is time to look forward to the fall season. Not only will we (eventually) enjoy cooler temperatures but also holiday festivities shared with friends and family. In what has become a tradition for the Austin-San Antonio chapter, the spirit of the holidays is brought to those in need by a donation. Chapter President Frank Richards is looking for ideas and recommendations from membership for non-profit organizations that would benefit from a donation. Past donations have included Wounded Warrior Foundation, need others. Please contact Frank at FrankRichards@BeeUSA.com with your ideas and suggestions. THANK YOU!!!
2015 Calendar

<table>
<thead>
<tr>
<th>Month</th>
<th>Subject</th>
<th>Location</th>
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<tbody>
<tr>
<td>September</td>
<td>Austin Water Treatment Plant #4 Tour</td>
<td>Austin, TX</td>
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<tr>
<td>October</td>
<td>Energy Modeling</td>
<td>San Marcos, TX</td>
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<tr>
<td>November</td>
<td>PE Ethics</td>
<td>San Marcos, TX</td>
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<tr>
<td>December</td>
<td>End Of Year Celebration</td>
<td>TBA</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!

After Tour We Will Meet For Lunch At:
Rudy’s BBQ
7709 Ranch Road 620
Austin, TX 78726

Understanding Engineers...Take 9

A start-up engineer is someone who solves a problem you didn’t know you had, in a way you don’t understand.
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.


2015 Officers

Frank Richards  President  FrankRichards@BeeUSA.com
Fred Yebra  Vice President  fred.yebra@cpa.texas.gov
Karma Nilsson  Treasurer  knilsson@cps-satx.com
Linda Rickard  Membership  Linda.Rickard@austinenergy.com
Vacant  Programs
Norman Muraya  Scholarships  Norman.Muraya@austinenergy.com
Bruce Dschuden  Newsletter  bdschuden@invinc.com
Miles Abernathy  Historian/Photographer  miles99@gmail.com

Join Us at Our Next Meeting!
Date: 29 Sept. 2015
Time: 11:15 - 12:30
Location: Meet in the parking lot of Walgreens Drug Store (across the street from WTP#4). See Page 2 for address.
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: _______________________________________

MAKE CHECKS PAYABLE TO: ASSOCIATION of ENERGY ENGINEERS

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 ___________________________
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Check Number _________________________
Payment received by ___________________
Name ____________________________ Date __________________