Hello Everyone,

After Frank has entered into his third year as Chapter President he finally ran out of things to write about so I offered to provide a guest editorial for this month’s newsletter. Just kidding Frank! All joking aside, I was inspired by last month’s editorial with all of the exciting things our AEE chapter board has planned for next year. You may recall that I served on our Chapter Board for the last two years as Programs Chair and also as Vice President in 2012, and stepped down this year as I took a position on the Board of the Council of Women in Energy and Environmental Leadership (CWEEL). In this new role, I look forward to continuing to participate in the local chapter and providing a conduit between our local chapter and CWEEL. Also, as the CWEEL Chair of the Chapter Interface Committee I will have the opportunity to learn from what other AEE chapters are doing around the country and hope to bring those ideas to our local chapter (and bring your ideas to them!).

For those of you who haven’t heard of CWEEL, we are a division of AEE focused on supporting career development for professional women, mentoring women in careers in the energy and environmental fields, and providing a forum for women to promote policy in the energy industry. While at first glance that may seem to be irrelevant these days, women have made great inroads into the energy and environmental industries and there are many well-respected women professionals in our industry, including those who are involved in our local AEE chapter. While it is true that across all industries in the U.S., women currently hold 50% of jobs and 50% of managerial positions, in higher level positions progress has been much slower. We still find that women occupy less than 15% of positions at the director level and less than 3% at the executive level (2011 data from Department of Labor and Forbes), offering women only a minority voice in the major decisions that affect our workplaces and guide our industry into the future. One of CWEEL’s initiatives is a mentoring program that partners women seeking mentorship with women or men as mentors. Most mentees for the program are: women who are early to mid-level career professionals looking for mentoring on professional development; women who are returning to our industry after taking a break (typically for raising children); and women who are looking for mentoring to start a new company. In order to participate in CWEELs mentoring program the mentee must be a member of both CWEEL and National AEE. Mentors do not need to be members. You can find more information on CWEELs mentoring program at www.cweel.org, or feel free to contact me at adiaz@cleareult.com.

Thanks to everyone for making my involvement with AEE over the last several years so fun and educational. I look forward to seeing the new initiatives and activities roll out this year, and continuing to connect with you all at our chapter meetings. I highly encourage folks to get involved with the chapter board and provide ideas on trainings, meeting topics, and other activities and events. Last but not least, I want to close echoing Frank’s comments from last month’s newsletter, please visit the chapter website at txaee.org (no “www”) to get meeting information and updates on events, trainings and job opportunities.

Thanks for all you do to make our chapter great!

Annemarie Diaz
CWEEL
Chapter Interface Committee
March Speaker

James Matchett
Melink Corporation

James Matchett is a Business Development Manager at the Melink Corporation, serving many of the largest and most successful regional and national chains in the U.S.

Melink’s reputation for integrity, quality, and service excellence is without parallel. James focuses on helping his customers identify and implement energy savings solutions in their commercial kitchens, specifically their ventilation systems. In 2001 James graduated from Western New Mexico University with a degree in Criminal Justice. After college he played arena football and eventually became a parole officer, never really finding his niche. In 2010 James decided he wanted a career change and went to work for Melink as a Service Technician, quickly falling in love with Melink’s passion for sustainability and Melink’s ability to walk the walk.

James is a Native Texan, and lives in Austin with his wife; Tala and two daughters; A.J. and Ella where they enjoy all that Austin has to offer.

March Presentation

Demand Ventilation Controls

This presentation will cover demand ventilation controls for commercial kitchen ventilation systems. Many organizations have been charged with energy initiatives but often the kitchen is overlooked. For organizations looking to reduce energy costs, comply with sustainability or company-wide green initiatives, or interested in becoming LEED certified, energy usage in the kitchen should be evaluated. Case studies on demand ventilation controls for various market segments including hotels and supermarkets can be found at:

http://www.fishnick.com/ventilation/demandventilation/

Can’t Make The Meeting?

If you can’t make the meeting, not to worry...At 11:30 am, please call in at: 1-213-342-3000, participant access code 157500 #

If you attended remotely, please email Linda.Rickard@AustinEnergy.com to let her know you attended the web presentation. She will add your name to the roster.

Please do not forget to mute your phone...#6 to mute/unmute
Annual Call For Scholarships - Deadline April 18th!!

Attention all Undergraduate and Graduate degree candidates enrolled in Engineering or Energy Management programs!

The Austin-San Antonio Chapter of the Association of Energy Engineers (A-SA AEE) is extending an invitation for students active in, or entering into major (or minor) in energy management, energy engineering, or energy technology related fields at accredited colleges, universities and technical schools to apply for scholarships. The application may be found on either the chapter website (see page 5) or at the following AEE national link:

http://aeefoundation.org/scholarships/the-application-process/

The deadline for application and all required documentation is April 18th 2013. The completed package needs to be emailed or mailed to chapter scholarship committee chairman Norman Muraya at the following:

Norman Muraya, Ph.D., PE, CEM, CMVP
Scholarship Committee Chairman, A-SA AEE
Austin Energy
721 Barton Springs, Austin, TX 78704
(512) 482-5323 Norman.muraya@austinenergy.com

Call for Scholarships:
Undergraduate & Graduate Degree Candidates Enrolled in Engineering or Energy Management - Awards of $500, $1,000, and $2,000.

The Austin-San Antonio Association of Energy Engineers (A-SA AEE) invitation for students active in, or entering into major (or minor) in energy management, energy engineering, or energy technology-related fields at accredited colleges, universities and technical schools.

The following items must be completed and received by April 18th, 2013 to be considered:

☐ Student Application for AEE Foundation Scholarship (form attached or on website for international) http://aeefoundation.org/scholarships/the-application-process/

☐[ ] Recommendations –
  • We will accept recommendations from up to three references, but we must receive at least one from a non-relative.
  • A recommendation form is part of this packet. Please forward a copy of this form to each selected reference.
  • Students presently enrolled in a university or high school must provide at least one recommendation from a faculty member or teacher.
  • Additional recommendations may be submitted from employers, AEE members or other personal references to provide deeper insight to the applicant’s character.
  • The reference is asked to provide a short description or letter explaining why the applicant should receive an energy-related scholarship. This description should be returned with the Recommendation Form.
  • All recommendation documents should be submitted directly from the reference to the address on the form, and must be received before the application deadline.

☐[ ] Provide a copy of the current transcript from the applicant’s school or college. The transcript can be included with the application or sent from the school directly to the below address. An “Official” transcript is not necessary (it might be required for finalists). All transcripts must be received before the application deadline.
Mechanical Engineering 361 Test Problem #2

A crossed-eyed woodpecker with a cork bill required \( \frac{1}{2} \) hour to peck \( \frac{1}{4} \) the way through a cypress log 53 years old. Shingles cost 79 cents per hundred and weigh 8 pounds apiece. The log being pecked upon is 34 feet long and weighs 46 pounds per foot. Assuming that the coefficient of friction between the woodpecker’s bill and the cypress log is 0.097 and that there is negligible resistance to diffusion, how many units of Vitamin B will the woodpecker require in pecking out enough shingles for a $7,500 barn with detachable chicken house? The woodpecker has an efficiency of 97% and gets time and a half overtime.
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.

2013 Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank Richards</td>
<td>President/Past President</td>
<td><a href="mailto:Frank.Richards@austinenergy.com">Frank.Richards@austinenergy.com</a></td>
</tr>
<tr>
<td>Karma Nilsson</td>
<td>Treasurer</td>
<td><a href="mailto:klnilsson@cps-satx.com">klnilsson@cps-satx.com</a></td>
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<tr>
<td>Linda Rickard</td>
<td>Membership</td>
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<tr>
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<td>Bruce Dschuden</td>
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<tr>
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<td>Historian/Photographer</td>
<td><a href="mailto:miles99@gmail.com">miles99@gmail.com</a></td>
</tr>
</tbody>
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Join Us at Our Next Meeting!

Date: 26 March 2013
Time: 11:30 – 1:00
Location:

Texas Land and Cattle
5510 S. IH-35
Austin, TX 78745
MEMBERSHIP INVOICE
Austin/San Antonio Chapter of the Association of Energy Engineers
http://www.txace.org

Date

Local Chapter Dues for 2013 $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.txace.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 ___