Greetings fellow AEE Chapter members and supporters!

I am excited to inform you of two great upcoming events to further our training, networking, and collaboration opportunities. First, A/SA (Austin/San Antonio) AEE is partnering with the National Facilities Management & Technology (NFMT) Conference and Exposition coming to the Austin Convention Center on May 3rd and 4th. This year’s conference is on High Performance Buildings & Workplaces and will include both educational sessions and an industry trade show/exposition. Best of all, the sessions are free to all who have registered. I have attended NFMT conferences in the past and I believe they are very much worth my time to attend. See more details about the conference/expo and registration information in this month’s newsletter.

Second, our A/SA AEE local chapter has been invited to participate in an upcoming luncheon with the local U.S. Green Building Council and other local allied organizations to discuss what’s happening in our industry and to explore potential collaborations. This will be an opportunity for officers of our chapter to meet with other related organizations and to share what’s happening in our industry, discuss trends and our plans for this year. Our chapter will be represented at this luncheon on Monday, March 21st. I will report to you a summary of the meeting.

Also, the A/SA AEE Chapter will be setting up an exhibit table at the NFMT Exposition and we are asking for volunteers to staff our A/SA AEE table during the expo. We will be sending out a sign-up sheet for volunteers and will divide our time into 2-hour shifts. We are organizing our exhibits for the booth and we will have some “giveaways” for expo attendees who stop by our table. Our purpose for staffing the AEE table is to promote our local chapter and I have set our goal to sign up 15 new members. Help us meet our challenge by signing up to volunteer and staff out A/SA table.

I am also excited about this month’s speaker. Mr. Cameron Freberg is a Utility Strategist for Emerging Technologies and has worked at CPS Energy and now at Austin Energy. His topic is on “Austin SHINES (Sustainable and Holistic Integration of Energy Storage and Solar PV).”

Finally, look for additional information and get signed up for the upcoming A/SA AEE plant tour of the Mission Solar Energy Facility on April 26, 2016. Mission Solar Energy is a manufacturer of solar PV modules, proudly made in their 200 MW facility located in San Antonio, Texas.

See You In Austin!

Fred Yebra, PE
Austin - San Antonio AEE Chapter President
March Speaker

Cameron Freberg
Utility Strategist for Emerging Technologies, Austin Energy

Cameron Freberg is a Utility Strategist for Emerging Technologies and has experience working across many areas in the utility industry. He has previously worked at CPS Energy in San Antonio in the Energy Research and Technology Initiatives department. More recently, his work at Austin has supported program development and operations around new technologies to include energy storage, electric vehicles, demand response, marketing campaign development, and serving as a liaison for new technology initiatives with academia, industry, and the community. He has a BA from Texas State University, as well as a Master’s degree in Public Administration - Urban and Environmental Planning from Texas State University.

March Presentation

Austin SHINES

The Austin Energy SHINES (Sustainable and Holistic Integration of Energy Storage and Solar PV) Project integrates 4 megawatts (MW) of solar, 4 MW of distributed energy storage, smart inverters, forecasting tools, market signals, advanced communications and a software optimization platform. This project will analyze and determine best practices for integrating renewable energy and energy storage on the grid at utility, commercial and residential scales.

Austin Energy is a recipient of a $4.3 million award announced today from the U.S. Department of Energy SunShot Initiative. Beginning February 1, 2016, Austin Energy will pilot a platform to enable and promote integrated distributed energy resources that include solar, battery storage, and smart inverter technologies. The effort will last several years and will enable two projects in East Austin to be part of an important innovation project.

Interest in energy storage is driven by a range of potential applications that include avoiding power outages for customers, reinforcing the grid, reducing other transmission and distribution (T&D) costs, shifting power consumption away from costly peak-load periods, balancing intermittent renewable energy resources, and providing ancillary services and emergency response service in the wholesale power markets.

This project moves Austin Energy forward in meeting the City of Austin’s vision of achieving 55 percent renewable energy generation by 2025. The vision includes specific goals for local solar and energy storage.

http://energy.gov/eere/sunshot/project-profile-austin-energy-shines
http://austininno.streetwise.co/2016/01/06/renewable-energy-storage-austin-shines-project-boosts-wind-and-solar-power/
Can't make it to the meeting??...not to worry....

At 11:45 am, please call in at: **1-218-339-7800**, participant access code **157500 #**

Participants please DO NOT PLACE PHONE ON HOLD (or we all will hear your music). It would be a good idea to MUTE your line after you get in. Please press * 6 to MUTE. When you want to talk, then UNMUTE by pressing * 6 again, and then you can talk. This will lower background noise on the conference line.

The web link is:

[https://hello.freeconference.com/conf/call/157500](https://hello.freeconference.com/conf/call/157500)

Please insert your name and company when you are prompted.

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

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On The Scene

*Photos by Miles Abernathy*

Our March chapter meeting featured a tour of the Toyota Texas plant in San Antonio. Pictures shown are of visitor center only as no photographs were allowed in manufacturing areas. **Thank You** to chapter president Fred Yebra for setting up this tour!!
The ASA-AEE chapter is pleased to be part of the National Facilities Management & Technologies High Performance Buildings and Workplaces conference in Austin, Texas, May 3-4. We will have a booth in the expo center and attendance is free. Please notify your network if you think there are people who would be interested in learning about new technologies and emerging trends in high performance buildings. There will be behind the scenes tours of the Austin Convention Center for various parts of the facilities operations. Educational tracks at the conference include Smart Buildings, Building Efficiency, Connected Buildings, and Sustainability to name a few. Full details on the conference can be found here, [http://www.nfmt.com/highperformance/](http://www.nfmt.com/highperformance/). We will distribute a sign up for members to staff our booth during the exhibition periods at our March and April meetings. Please contact Amanda Cambre, acambre@eepartnership.org for further details about the conference.

<table>
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<th>Conference:</th>
<th>World Energy Engineering Congress (WEEC)</th>
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<tbody>
<tr>
<td>Date:</td>
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<tr>
<td>Location:</td>
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2016 Calendar

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<tr>
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<tr>
<td>March</td>
<td>Austin SHINES</td>
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<tr>
<td>April</td>
<td>Mission Solar Energy Plant Tour</td>
<td>San Antonio, TX</td>
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<tr>
<td>May</td>
<td>National Facility Management Technology High Performance Buildings and Workplaces Conference</td>
<td>Austin, TX</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 Fred Yebra fred.yebra@cpa.texas.gov with your ideas!

Texas Land & Cattle Co.

Texas Land & Cattle
5510 S IH 35 Frontage Rd
Austin, TX 78745
(512) 442-6448

texaslandandcattle.com

Understanding Engineers...Take 3
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.

2016 Officers

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<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
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<tr>
<td>Fred Yebra</td>
<td>President</td>
<td><a href="mailto:fred.yebra@cpa.texas.gov">fred.yebra@cpa.texas.gov</a></td>
</tr>
<tr>
<td>Frank Richards</td>
<td>Past President</td>
<td><a href="mailto:FrankRichards@BeeUSA.com">FrankRichards@BeeUSA.com</a></td>
</tr>
<tr>
<td>Amanda Cambre</td>
<td>Vice President</td>
<td><a href="mailto:acambre@eepartnership.org">acambre@eepartnership.org</a></td>
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<tr>
<td>Karma Nilsson</td>
<td>Treasurer</td>
<td><a href="mailto:klnilsson@cps-satx.com">klnilsson@cps-satx.com</a></td>
</tr>
<tr>
<td>Linda Rickard</td>
<td>Membership</td>
<td><a href="mailto:Linda.Rickard@austinenergy.com">Linda.Rickard@austinenergy.com</a></td>
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<td>VACANT</td>
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<td>Norman Muraya</td>
<td>Scholarships</td>
<td><a href="mailto:Norman.Muraya@austinenergy.com">Norman.Muraya@austinenergy.com</a></td>
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<tr>
<td>Bruce Dschuden</td>
<td>Newsletter</td>
<td><a href="mailto:bduschuden@Invinc.com">bduschuden@Invinc.com</a></td>
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<tr>
<td>Miles Abernathy</td>
<td>Historian/Photographer</td>
<td><a href="mailto:miles99@gmail.com">miles99@gmail.com</a></td>
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2016 Officers

Join Us at Our Next Meeting!

Date: 29 March 2016
Time: 11:30 - 1:00
Location:
Texas Land & Cattle
5510 S IH 35 Frontage Rd
Austin, TX 78745
(512) 442-6448
MEMBERSHIP INVOICE
Austin/San Antonio Chapter of the Association of Energy Engineers
http://www.txaee.org

Date

Local Chapter Dues for 2016 $ 30.00

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(Attach Coupon to this Form)

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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 klnilsson@cpsenergy.com

Amount Paid
Method of payment

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