



Association of Energy Engineers Western PA Chapter



April 2017

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From the Desk of the President

Hello Energy Enthusiasts,

Happy Spring everyone! I hope all your HVAC systems are tuned up and running to their optimum efficiencies! These are the days we can see heating in the morning, economizing in the early afternoon and cooling in the late afternoon. Crazy weather but Spring is finally here.

I have great news to those of you who would like to get the Certified Energy Management (CEM) certification. AEE Western, PA chapter has an opportunity to present this training September 11th thru the 14th this year. I will have a CEM training event posting coming out soon, where you can register thru our website. It's a great opportunity, don't let it pass you by!!!!

Upcoming AEE News and Events:

Event—April 27th, 2017

Presented by Joe Tallant

Cypress Envirosystems

- Making Existing Buildings Smart: Enabling Advanced Control Strategies and Automated Diagnostics in Older Buildings Efficiency

As always, please free to call or email me with any questions about the chapter. I look forward to hearing from you.

Thank you!

Curtis Dixon, CEM, BEP

curtis.dixon@thermosystems.com



Current Chapter Officers

President:

Curtis Dixon

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Treasurer:

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AEE Western, Pa Chapter - Corporate Sponsors



<https://www.go-gba.org/>

Green Building Alliance (GBA) has worked to advance healthy, high performing, and green places in Western Pennsylvania since 1993. An aligned chapter of the U.S. Green Building Council, GBA proudly serves 26 counties in Western Pennsylvania through three branches: Greater Pittsburgh, Northwest Pennsylvania, & Laurel Highlands.



www.e-finity.com

E-Finity Distributed Generation is the Mid-Atlantic and Southeast Distributor for Capstone Turbine Corporation and an active member of the distributed generation and combined heat and power community. We actively promote energy solutions by designing, integrating, and maintaining Capstone's high efficiency air bearing technology to create resilient onsite CHP & CCHP power plants. For a comprehensive energy and economic analysis, please email: mcostello@e-finity.com
www.e-finity.com

****Thank you E-Finity for becoming a sponsor!! The AEE Western, PA chapter appreciates your support!!**

***Become a sponsor and reap the benefits!**

- Discounted event pricing.
- Free memberships based on level of sponsorship.
- Company logo and acknowledgements in newsletters and event posting.

See More details on Page 5/6

AEE Western, Pa Chapter 2017 Event Postings

Please feel free to email any suggestions you may have for an event or if you would like to present on a topic.

2017 Event Calendar

January - Duquesne Light's Watt Choices Commercial Efficiency Program—Successful Event

February - Chilled Water Energy Savings Study - Maximizing Pumping and Chiller Efficiency - Presented by Robert Rybka - Belimo

March - National - Globalcon - March 22nd -23rd —Philadelphia, PA

April - April 27th, 2017 - Making Existing Buildings Smart: Enabling Advanced Control Strategies and Automated Diagnostics in Older Buildings Efficiency

May - Social/Networking Event—Penn Brewery

June/July/August - Summer Break

September - *****CEM Training and Certification Exam - Greentree, Pa area**

National - WEEC September 27th - 29th - Atlanta, GA

October - Golf Outing - Quicksilver Golf Club /

November - TBD

December - Holiday Social/Networking Event

**AEE April 2017 Event
Register today:**

Making Existing Buildings Smart: Enabling Advanced Control Strategies and Automated Diagnostics in Older Buildings

Location and Agenda:
Gaetano's
1617 Banksville Road
Pittsburgh, PA 15216
412-343-6640

Thursday April 27th, 2017 11:30am to 1:30pm

Lunch buffet included in price

Evening Event - Student \$25.00 - Member \$35.00 - Non-Member \$45.00

Overview:

Presenters:

Joe Tallant
Cypress Envirosystems
Director of Sales
Responsible for Sales and Business Development- Based in West Chester PA
Previous Background : Cypress Semiconductor- Led White Goods and Lighting Control Vertical Markets/ Global Account Manager for GE and Alcatel Lucent.
BSEE from Drexel University

Pneumatic thermostats waste energy, negatively impact occupant comfort, and are difficult to maintain since they provide no visibility or remote control of HVAC zones. They are still in 70% of buildings because traditional rip-and-replace DDC retrofits are extremely expensive, invasive, and disruptive to occupants. The Wireless Pneumatic Thermostat (WPT) reduces the cost of modernizing these HVAC controls by 60-80%, is non-invasive, and can be installed in minutes so occupants are not disrupted. With a payback of 2-3 years, the WPT makes it possible for older buildings to achieve similar performance as new buildings.

Join Joe Tallant as he discusses how buildings like 311 S. Wacker Street, a Class-A trophy building in Chicago, achieved a 1.8 year payback and improved tenant comfort by modernizing their pneumatic thermostats. Learn how Zeller applied for and received ComEd rebates for 50% of the project cost, resulting in a check of \$402,000. He will also highlight the GSA's independent analysis leading them to recommend the WPT in any building with pneumatic thermostats as a best practice.
Learning Objectives:

- See real examples of how Class-A office buildings, government facilities, hospitals, schools and universities with pneumatics have used the WPT to improve comfort, save energy, and reduce maintenance costs.
- Discuss how the WPT achieves 15-25% energy savings and a 2-3 year payback by enabling advanced DDC control strategies in pneumatic zones.
- Learn about the specific ComEd rebate for the WPT and how larger custom rebates can be obtained.
- Understand how SMARTPneumatics use data from the WPT system to provide automated fault diagnostics to identify issues that would have previously gone undetected and lead to hot/cold calls and wasted energy.



Association of Energy Engineers Western PA Chapter



April 2017

Corporate Sponsorship Program

Dear Prospective Corporate Sponsor:

The Western PA Chapter of the Association of Energy Engineers invites your company to participate in its Corporate Sponsor Program, which offers opportunities for corporate sponsors to become active players in promoting the Association's goals of energy and environmental conservation and cost savings.

As a Corporate Sponsor, you will have enhanced opportunities to converse with energy professionals who recommend, specify, and/or purchase energy products and services. Your participating staff will benefit from staying current with technology and market developments in our regional industry through the topical presentations at our nine chapter events each year. Through Corporate Sponsorship your company can enjoy the following additional benefits:

Standard Sponsor

- Two individual memberships in the Chapter at no additional cost, entitling the named individuals to the discounted door charge at monthly chapter Events
- Free banner advertisements in each monthly issue of our Newsletter and additional advertising at a preferred rate
- Named acknowledgment in a Corporate Sponsor listing in each issue of the Newsletter,
- Listing on our website (<http://www.aeecenter.org>), with hotlinks available at no additional charge
- Opportunity to briefly describe your company and services at an upcoming chapter event.
- Perhaps the most valuable benefit of all is the recognition and respect that your firm will earn by assisting our local chapter to continue its critical role in the changing energy environment of Pittsburgh, PA

Firms wishing to join the sponsorships can opt to include annual pre-paid meeting dues for employees who wish to attend our monthly events. Accordingly, firms now have the option to prepay a full year's attendance for as many as 3 employees:

Annual Corporate Sponsorship starts at \$150.

\$150 – Standard Sponsor

\$375 – Supporting Sponsor (includes one year of AEEPA meeting admission for 1 employee)

\$600 – Leading Sponsor (includes one year of AEEPA meeting admission for 2 employees)

\$725 – Champion Sponsor (includes one year of AEEPA meeting admission for 3 employees)

We look forward to having you as a Corporate Sponsor. If you accept our sponsorship invitation, please return attached initiation form along with your firm's check, payable to Western, Pa Chapter, Association of Energy Engineers. We will also have links on our website for payment.

Mail to:
Dennis Kronz
90 Springmeadow Ct.
Pittsburgh, PA 15236



Association of Energy Engineers Western PA Chapter

<http://www.aee.memberlodge.com>

Corporate Sponsorship

Corporate Sponsorship Form & Invoice

Company

Main Contact

Last name		First name		MI
Title		Address #1		
Address #2		Address #3		
City		State	Zip	
Telephone	Fax		Email	

Invoice

Sponsorship Level (<i>check appropriate box</i>)	Annual Rate
<input type="checkbox"/> Standard Sponsor (includes all standard Sponsorship benefits described above)	\$150
<input type="checkbox"/> Supporting Sponsor (includes one year of pre-paid meetings for 1 employee)	\$375
<input type="checkbox"/> Leading Sponsor (includes one year of pre-paid meetings for 2 employees)	\$600
<input type="checkbox"/> Champion Sponsor (includes one year of pre-paid meetings for 3 employees)	\$725
<i>Amount Due (make check payable to: Western Pa Chapter, Association of Energy Engi-</i>	

MAIL TO:
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If you have any comments, have any ideas or would like to contribute a news article to our newsletter, please contact me

***We are on the web at
aeecenter.org
Under Western PA Chapter***



Who Are We?

The Association of Energy Engineers (AEE) is a non profit professional society of 8,500 members in 77 countries. The mission of AEE is "to promote the scientific and educational interests of those engaged in the energy industry and to foster action for sustainable development." The Western Pennsylvania Chapter of AEE is consists of members from the Pittsburgh and surrounding areas. Our mission follows that of AEE National.

AEE offers a full array of informational outreach programs including seminars, conferences, journals, books, and certification programs.

To become an AEE National Member, please go to <http://www.aeecenter.org/membership/>.

LOCAL MEMBERSHIP

Western PA Chapter of the Association of Energy Engineers

Date

Local Chapter Dues for 2015 **\$ 25.00**

New Member _____ Renewal _____

Please fill out the following information.

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Business Phone: _____

FAX: _____

E-mail Address: _____

Suggested Speaker Topic or Tour: _____

Look forward to informative, professional, and educational presentations in the energy field, plus field trips to various locations in Pittsburgh

Sign up online at <http://aee.memberlodge.com>.

or

Email dkronz@wgtomko.com if you have any questions

Amount Paid _____

Method of payment _____

Check Number _____

Payment received by _____