Hello Energy Enthusiasts,

Happy March and welcome Spring!! Soon the tree’s and flowers will start to bloom, birds will start chirping and those CDD will start kicking in, it’s about time!! AEE Western Pa Chapter is off to a good start. Please see ”2015 Event Listing” below for a heads up on upcoming events, golf outing and networking socials.

I’m sending the newsletter out in a new format this month to make it easier to view once you open the email. Let us know your out there by hitting the Facebook “LIKE” link below.

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

Upcoming Events:

- AEE - Innovative Pumping Solutions
- CEM Training - Cleveland OH
- YPWE - Launch Academy
- Penn State - Strategic Energy Management

Thank you!

Curtis Dixon, CEM
curtis.dixon@thermosystems.com

Current Chapter Officers

President:
Curtis Dixon
Thermo Systems, Inc
curtis.dixon@thermosystems.com

Treasurer:
Denny Kronz
W.G. Tomko, Inc.
dkronz@wgtomko.com

Vice President:
Chuck Watson
EnergyChaser, LLC
chuck@energychaser.com

Secretary:
Stephen Chausse
Johnson Controls
Steve.chausse@jci.com
AEE Western, Pa Chapter - Corporate Sponsors

http://cascousa.com/

http://www.clearesult.com/
AEE March Event (Luncheon)

Register today:
Innovative Pumping Solutions
March 26, 2015 11:30 AM to 1:00PM

Members $25.00 - Non Members $35.00—Students $15.00

Location: Gaetano’s Banquet Center & Catering
1617 Banksville Rd, Pittsburgh, PA 15216 (412) 576-2761

Presented by:
V-Systems
Jason Waterman
Matt Voit
Anatoly Rusalov

With our Industry evolving into being more “energy conscience” almost every manufacturer is trying to develop new ways to improve their products. These changes are necessary to keep up with what owners are looking for “Savings”. In this presentation we are going to compare past to present changes in pump design for hydronic systems, not only for closed loops but in open systems, as well. Pumps have evolved and the base mounted, constant speed pumps are now becoming pumps of the past. The latest in pump technology is now saving space in mechanical rooms, installation costs, and more importantly energy. All of the savings combined give the owner a great return on their investment, as well an easily maintained product.

Our team that has the privilege to present to you today will be Matt Voit, Anatoly Rusalov, and Jason Waterman. Together we have held many different positions in the industry and have over a combined 30 years of experience in the HVAC, Plumbing, Fire Protection, Wholesale, and Design-Build industries. V-Systems has been a leading manufacturers’ representative firm providing a wide variety of equipment and service to the HVAC, Plumbing, Fire Protection, Wholesale, and Design-Build industries in Western Pennsylvania and parts of Maryland, West Virginia, and Ohio. We now also service parts of Florida and Michigan. We are committed to providing extraordinary customer service. V-Systems’ Headquarter is in Pittsburgh, Pennsylvania.
AEE Western, Pa Chapter 2015 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.

2015 Events

January - CHP Gas Turbine Selection and Balance of Plant Controls Integration - Solar/Thermo Systems — Complete — Successful Event!

February - Variable Refrigerant Flow Units - Mitsubishi
February 26, 2015 Afternoon Event 11:30AM to 1:00PM

March - High Efficient Pumping - V-Systems
March 26, 2015 Afternoon Event 11:30AM to 1:00PM

April - TBD

May - Golf Outing - Quicksilver Golf Club

June - Social - TBD

Annual Golf Outing—Save the Date!!

Mark your calendars!!

The Western PA AEE Chapter will be holding their annual golf outing at Quicksilver again this year on Friday May 15th 1:00PM Shotgun Start.

Additional information coming soon!

2015 Event Suggestions
Steam Boiler Systems
Renewables
Lighting
Water/Waste Water
Transportation
Smart grids
Data Centers - High Efficiency PUE's
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.aeeecenter.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
Corporate Sponsorship Form & Invoice

Company

Main Contact

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MAIL TO:
PENNNSYLVANIA/Western Pennsylvania Chapter
Dennis Kronz
90 Springmeadow Ct.
Pittsburgh, PA 15236
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 ___________________________ ______________
Certified Energy Manager (CEM®) Training …. in CLEVELAND, OHIO

Comprehensive Five-day Training Program for Energy Managers

The Association of Energy Engineers Northern Ohio Chapter will host a comprehensive five-day Training Program for Energy Managers in northern Ohio next spring. The nonprofit organization acts as a local training conduit for national certifications. The increasingly recognized and requested Certified Energy Manager (CEM®) certification exam will be proctored on the final day of the training. The special five-day seminar provides an in-depth, comprehensive learning and problem-solving forum for those who want a broader understanding of the latest energy cost reduction strategies. The program begins by examining the fundamentals within all key areas of energy management. Students then learn, system by system, how to diagnose and analyze energy savings opportunities.

Association of Energy Engineers (AEE) instructor Tim Janos will teach the course. Janos is Chairman of the Certified Energy Manager board.

http://www.aeecenter.org/i4a/pages/index.cfm?pageid=3351

Northern Ohio Chapter AEE will be sponsoring a week long CEM course and Examination in N.E. Ohio in 2015

March 23-27, 2015

Eaton USA Headquarters
Beachwood, Ohio
(I-271 / Harvard Road exit)

1. COURSE REGISTRATION: FEES PAID TO THE CHAPTER

Application and Examination fee $ 400 (FEE WAIVED)

CEM COURSE PREPARATION
GENERAL INFORMATION http://www.aeecenter.org/i4a/pages/index.cfm?pageid=3351
VIDEOS http://www.aeecenter.org/i4a/pages/index.cfm?pageID=4108

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URL www.aeeohio.com
Young Professional Women in Energy LAUNCH ACADEMY

APRIL 30-MAY 1, 2015
CONSOL GAS OPERATIONS TRAINING ACADEMY

Thursday, April 30
FUNDAMENTALS OF SHALE
Jim Ladlee, Penn State MCOR and ShaleTEC
Dan Brockett, Penn State Extension
Marcellus Education Team

Happy Hour & Networking at Jackson's

Friday, May 1
CONSOL HR reviews resumes one-on-one
and offers insight on
the industry's interviews & hiring process

www.ypwe.org/event-registration/

49 Seats Available at $100 per seat.
Future Classes:
August 6-7, 2015
November 5-6, 2015
Save energy and money using Strategic Energy Management

Manage your energy consumption to help lower your energy costs, reduce greenhouse gases, and support corporate sustainability programs.

April 7, 2015
8:00 a.m.–4:30 p.m.
State College, Pennsylvania
STRATEGIC ENERGY MANAGEMENT

Energy management programs like ISO 50001 and Department of Energy’s (DOE) Superior Energy Performance® (SEP) provide a systematic framework for improving energy performance that saves more than traditional, project-based approaches. You won’t get far without a commitment from the top. You also need a plan to sustain energy efficiency. Energy management systems play an essential role in helping industrial facilities uncover energy improvement opportunities to reduce costs and increase competitiveness and systematically sustain energy savings.

ISO 50001 is the international standard for an energy management system based on the Plan-Do-Check-Act model of continual improvement that provides companies with a framework for efficiently managing and improving their energy performance. Superior Energy Performance (SEP) builds on the ISO 50001 framework and adds a robust protocol for verification of energy savings.

Hear from the DOE about the ISO 50001 and SEP programs and from Pennsylvania manufacturers on how they successfully implemented these programs to reduce their energy consumption in a sustainable fashion.

WHO SHOULD ATTEND?
- energy engineers and energy managers at facilities with high energy costs
- plant and facility engineers
- plant managers responsible for sustainability goals
- corporate environmental/sustainability staff
- state and utility energy efficiency program managers
- DOE Better Plants partners looking for additional means to reach their 25% reduction goals

WHY SHOULD I ATTEND?
Learn the benefits of incorporating energy use and consumption within a management system to proactively achieve performance improvements and cost savings. By implementing an energy management system, you can:
- save energy costs
- continually improve energy performance
- support corporate sustainability programs
- reduce greenhouse gas (GHG) emissions
- align your energy management system with other business systems

Register at penntap.psu.edu/services/energy/pa-sem-showcase
TENTATIVE AGENDA*

Morning
- Registration/breakfast
- Welcoming remarks
- DOE’s Better Plants and Superior Energy Performance programs
- DOE’s rate-payer funded program for utility engagement
- Business case–results of Superior Energy Performance implementations
- Product and services exhibit
- Overview of the ISO 50001 standard requirements
- PA success stories–PA industrial plants’ success with Superior Energy Performance and ISO 50001

Afternoon
- Lunch
- Break Out 1–Path to Verification
  - DOE tools to analyze and manage energy use
  - SEP measurement and verification protocol
  - Audit protocol for certification to ISO 50001 and superior energy performance
  - Lessons learned from verification bodies–common areas for improvement
- Break Out 2–Strategic Energy Management Skills and Resources
  - Lean manufacturing tools applied to energy
  - Funding incentives for energy projects
  - Components of an energy review under ISO 50001
  - Understanding, making, and using energy metrics
- Break Out 3
  - Company success stories
  - Sub-metering for energy improvement
- Product and services exhibit
- Reconvene for Q and A panel and closing remarks

CEU’s are offered for this showcase energy event.
* Agenda is subject to change

HOW DO I REGISTER AND PAY?
Space is limited, so register today;
Early Registration Fee (by Monday, March 2, 2015): $50 per person.
Fee after March 2: $75 per person.
Visit website for more information and to register: penntap.psu.edu/services/energy/pa-sem-showcase

Preregistration and payment are required at least one week before the showcase.

LOCATION/DIRECTIONS
The Penn Stater Conference Center Hotel
215 Innovation Blvd., State College, Pennsylvania

For hotel accommodations, call 800-233-7505. Use the code ENED15B to receive a showcase discount.

Free parking is available.

Save energy and money using
Strategic Energy Management
Manage your energy consumption to help lower your energy costs, reduce greenhouse gases, and support corporate sustainability programs.