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GPAEE Newsletter



Greater Philadelphia Area Chapter of the Association of Energy Engineers

"Fostering action through education, innovation & networking to promote the priorities of Philadelphia-area Energy Professionals"

October 2010

Focus On: Energy Sourcing Strategies and Implementation at McCall Field and Country Club

Greater Philadelphia Chapter



AEE
The Association
of Energy Engineers
www.gpaae.org

Meeting Background

Electricity rate caps for PECO customers are expiring at the end of 2010!!! Are you ready for the "new world"?

Many commercial, industrial, governmental and institutional customers have already been approached by various brokers, consultants and suppliers and been presented a plethora of choices and options as they secure their power needs in the deregulated electricity supply markets. Some of these choices and options can be confusing and difficult to easily compare on an apples-to-apples basis. Please join us and our panel of experts, covering a wide range of perspectives, as they share their experiences and knowledge on this subject matter to better prepare your organization to address this endeavor. We will cover how an end-user can easily start the process, what key points and issues to be addressed, the dynamics of the energy markets and the potential risks, volatility and risk mitigation measures available to customers.

We will also look at some of the various kinds of electricity supply pricing deal structures and options being presented in the market place.

Whether you are seeking electricity supply for your organization for the first time, or an experienced end-user who may have already secured power beyond 12/31/2010, something can be learned by you and others in your organization involved in these efforts. We would highly encourage you to think about other people you know that would benefit from this timely topic and invite them to register to attend. So, bring a friend, an open mind and your questions as we get expert advice from our panel.



GPAEE Cares!

* **Note:** *Focus On* is continued on Page 4 *

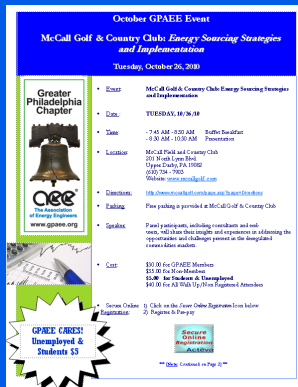
GPAEE Calendar of Events: Sept. '10 – June '11



Month	Event
September 21, 2010	Retro Commissioning & Continuous Energy Management and the Phillies Game!
October 26, 2010	Energy Sourcing Implementation and Strategies (See Below)
November 18, 2010	Tour
December 2, 2010	GPAEE Holiday Party
January 20, 2011	Energy Master Planning
February 17, 2011	Social Media - Connecting with the Energy Community
Early March	Council on Women in Energy & Environment Leadership - Network Reception
March 30, 2011	Upcoming Federal, State and Local Legislation & Project Financing at Globalcon
April 21, 2011	Renewables
May 19, 2011	Energy Case Studies & Project Financing
June 23, 2011	GPAEE Annual Golf Outing

Tuesday, October 26th is Next GPAEE Event:

Energy Sourcing Implementation and Strategies at McCall Field and Country Club



Date:

Tuesday, October 26, 2010

Time:

- 7:45 AM - 8:30 AM Buffet Breakfast
- 8:30 AM - 10:30 PM Presentation

Location:

McCall Field and Country Club
201 North Lynn Blvd. (free parking)
Upper Darby, PA 19082

Directions:

<http://www.mccallgolf.com/page.asp?page=Directions>

Cost:

\$30.00 for GPAEE Members / \$35.00 for Non-Members
\$5 for Students and Unemployed
\$40 for All Walk Ups and Non Registered Attendees

Registration:

- 1) Click on the *Secure Online Registration* icon (on left)
- 2) Scroll down to 'Registration' box to Register

Add'l Contact Info

Dan Tavani dgtavani@gmail.com

More Information:

For more Event information, please click on the *Event Flyer* icon (located on left, above the Registration icon)



Focus On: Energy Sourcing Strategies and Implementation at McCall Field and Country Club (cont'd from page 1)

Speaker Biographies

Ken Curry - Director of Facilities at Cardone Industries

Ken Curry is the Director of Facilities for Cardone Industries based in Philadelphia. He has been with Cardone for 25 years. Cardone is the largest auto parts remanufacturer in the world. They employ over 5000 employees world-wide. Mr. Curry is responsible for the 3.5M square feet of buildings located in Philadelphia, Mexico, Texas, California, Edmonton, Toronto, England, and Belgium. He is responsible globally for 150 people that maintain over 10,000 pieces of production machinery, 700 forklifts, \$1M of MRO Inventory, all facility infrastructure and construction, real estate and energy procurement.

Some recent accomplishments are the consolidation of 3 manufacturing operations into 1 in England, the renovation of a 650k square foot building in Texas, and construction of 2 - 150k s.f. buildings in Mexico. In addition, Ken has recently gone through the electricity procurement process and contracted for Electricity through 2012. Mr. Curry serves as Vice President of the Philadelphia Chapter of AEE.

Ed Jackson - Principal at Affinity Energy Management

Ed has over 27 years of energy experience and is the principal and founder of Affinity Energy Management, a full service energy procurement consulting firm based in Delaware. Through Affinity, Ed provides professional energy management consulting services to commercial and industrial clients throughout the mid-Atlantic region. His customers include large commercial & industrial clients as well as groups of small & medium size customers to help them negotiate third party electric and natural gas supply agreements in the Mid-Atlantic area.

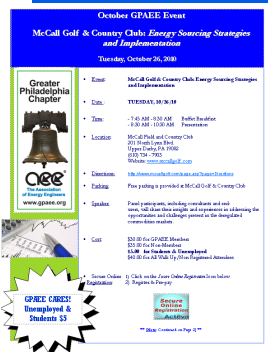
Ed has a BS in Mechanical Engineering from the University of Delaware (1983), he is a Certified Energy Manager, Certified Energy Procurement Professional and Certified Lighting Efficiency Professional. He is active with the Philadelphia Chapter of AEE and the DE and Central PA Chapter's of IFMA as well as the Philadelphia Chapter of BOMA.

Ed is well respected as an authority on deregulation and competitive energy markets in the mid-Atlantic area and Affinity Energy Management has been endorsed by numerous professional organizations including the DE State Chamber of Commerce, DE Restaurant Association, DE Manufacturing Extension Partnership, Delmarva Poultry Industry, Inc. and several other regional chambers.

John McGillian - Vice President of Marketing at Commercial Utility Consultants

John McGillian is employed by Commercial Utility Consultants as the Vice President of Marketing. This position includes working with both commercial and industrial clients. He is an allied member of the Apartment Association of Greater Philadelphia, the Greater Philadelphia Hotel Association, the Greater Philadelphia Condominium Association and BOMA as well. Mr. McGillian has been with CUC for over 28 years since his graduation from Temple University in 1982.

CUC has been in business and saving money for their clients on utility bills since 1975. Mr. McGillian holds a Bachelors Degree in Business Administration from Temple University.



Pictures from our September Event: Retro Commissioning



Welcome New GPAEE Members

Yong Suk Lee
 Mary Marchegiano Delaware Tech - Stanton
 Ronald Maurer CPower, Inc
 Dipesh Pandya E3 Global Solutions and Decent Energy
 Joseph Fisher Johnson Controls
 Donna DeFreitas GENESIS Engineers, Inc.
 Jay Sikora Pit Consulting
 Eric Lowry Lowry EcoSolutions LLC

Thank You Corporate Members!

Altran Solutions Corporation
 Constellation New Energy
 Ewing Cole
 Hess Corporation
 Klenzoid Inc.
 Noresco

PECO
 PGW
 South Jersey Energy Solutions
 Tozour Trane
 UGI Energy Services
 Veolia

GPAEE Event Preview: November '10

Due to recent changes, details for the November Event will be forthcoming in the November Flyer



Upcoming Area Energy Activities

Function	Date	Location	More Info
<i>350 Global Work Party Center City</i>	October 10, 2010 12:00pm - 5:00pm	City Hall Philadelphia, PA	http://www.google.com/calendar/event?eid=bzNydxF0MTBybjV2cmo4MXIONXVvYnFjNWmgZ3JlZW53b3Jrc3BoaWxhQG0&tz=America/New_York
<i>PJM System Planning 201</i>	October 20, 2010 9:00am - 4:00pm	Crown Plaza Hotel King of Prussia, PA	http://www.pjm.com/sitecore/content/Calendar%20Events/PJM%20Calendars/Training%20Events/2010/October/20/ip-sysplan-201.aspx
<i>DVGBC: Annual Green Building Celebration</i>	October 21, 2010 6:30pm - 9:00pm	Franklin Institute Philadelphia, PA	http://dvgbc.org/event/annual-green-building-celebration
<i>World Green Energy Symposium</i>	October 21 - 23, 2010	Pennsylvania Convention Center Philadelphia, PA	http://www.worldgreenenergy Symposium.us/home.html



Area Sets Electricity Consumption Record in June, July

Consumers in the 13-state PJM Interconnection region, through which York County's electricity flows, set records this year for electricity consumption for June and July.



Customers used 16 percent more electricity this summer than last, with electricity consumption for June equal to the amount it would take to power Switzerland for a full year.. ([more](#))

Natural Gas Fuels Economy In Pennsylvania

Pennsylvania's natural gas industry is rapidly expanding, and the state may be on the verge of a decades-long drilling rush. Right now, most of the jobs are going to transient out-of-state workers, but that trend is providing a boost to pockets of Pennsylvania's economy. ([more](#))

Pa. Deregulated Electricity Market Helps Spur More Innovation

After fully embracing a restructured, competitive electricity market since the beginning of the year, it's clear the entrepreneurial spirit of Pennsylvania is alive and well. Businesses, universities and local governments are making smart decisions that not only help their bottom line, but provide stability across several industry sectors while our nation struggles to recover from the "economic tsunami" of 2009. ([more](#))

FERC Lifts Price Cap on Transmission Capacity

Owners of excess transmission capacity on the nation's electric grid will have the opportunity to sell it at whatever rate the market will bear, according to the Federal Energy Regulatory Commission. After a 30-month study, the agency concluded that lifting the rate cap on capacity transfers will encourage greater competition and the building of new transmission lines in congested corridors. ([more](#))

It's Official: FutureGen Clean Coal Project to Receive \$1 Billion in DOE Funding

After nearly a decade of planning, the U.S. Department of Energy's infamous FutureGen clean coal project is almost ready to be built in Illinois. And with a formal commitment for \$1 billion from the DOE announced this week, FutureGen might just make it off the ground. ([more](#))

** **[Editor's Note:** Please let us know if you come across any newsworthy local Energy stories, announcements or events by [clicking here](#). Thanks] **

Future City Competition 2011

For 19 years the National Engineers Week Future City™ Competition has been challenging seventh and eighth graders nationwide to create the cities of tomorrow while encouraging their interest in **Science, Technology, Engineering and Math** through hands-on applications. The 2010-2011 Future City competition continues this tradition by challenging students to address the real world issue of affordable and green housing.

Designing affordable housing for those most in need is enormously complicated. But doing it while adhering to LEED recognized green building standards, with an emphasis on energy efficiency and a low carbon footprint...now that's a challenge.

There are two great ways **you** can help meet that challenge:

1. Help get your son or daughter's school signed up to participate in the event. **Registration deadline for schools nationwide is October 31, 2010.**
2. Future City is also looking for engineers who may be interested in serving as **mentors**.



For information, school registration, or to volunteer in the Philadelphia Regional Future City Competition, visit www.futurecityphilly.org

Or call John Kampmeyer, PE at 610-328-3020.



GPAEE Chapter Board Officers & Board At-Large

<u>Board Position</u>	<u>Officer Name</u>	<u>Org.</u>	<u>E-mail Address</u>
President	Jim Harven	Constellation Energy	james.harven@constellation.com
Vice President	Ken Curry	Cardone	kcurry@cardone.com
Treasurer	Mike Sanders	Thornfield	digame05@aim.com
Secretary	Daniel Tavani		dgtavani@gmail.com
Membership	Christine Stearns	Tozour Trane	cstearns@trane.com
Marketing	Maryanne Campbell	PGW	maryanne.campbell@pgworks.com
Events	Hans Greene	PGW	hans.greene@pgworks.com
Pres. Emeritus	Randy Haines	TJU	randolph.haines@jefferson.edu
Newsletter Editor	Caroline McCallum	CEG	cmccallum@ceg-inc.net
Board At-Large	Jim Clark	Clark Energy	ja11clark@aol.com
Board At-Large	Lou Nazirides	Tozour Energy	lnazirides@tozourenergyservices.com
Board At-Large	Steve Goldberg	PECO	steven.goldberg@exeloncorp.com
Board At-Large	Steven Siddal	Fluidics	ssiddal@fluidics.com

Call for 2010 GPAEE Award Nominations

I. How to Participate in the 2010 GPAEE Award Nomination Process:

1. Read the Award Background Information and Award Category Descriptions
2. Copy the form on the opposite page and paste in a word document. Send the completed ballot as an attachment in an e-mail to Lou Nazirides: lnazirides@tozouenergy.com or faxed to Lou at (610) 755-6205 by **November 12, 2010**. Please contact Lou directly (610-962-1631) with any questions.

II. Award Background Information:

Who is Eligible?

AEE Awards are presented to energy professionals who have achieved regional prominence in their fields. Candidates for awards may be nominated by themselves, another individual who is also a GPAEE member in good standing, or by an officer of the Association of Energy Engineers.

Behind the GPAEE Awards

Through its Awards Program, GPAEE recognizes achievers in the fields that we serve. Winners are formally saluted at a special awards presentation, which takes place during the 2010 GPAEE Holiday Party. At this special awards presentation, the GPAEE Award winners receive distinctive plaques commemorating their achievements. In addition, the GPAEE Award winners are recognized in future GPAEE Newsletters.

General Criteria

Each GPAEE Award addresses a unique category. Therefore, each nomination ballot submittal should describe the nominee's proficiency in that specific category. The nomination of an individual should include a description of the nominee's work in the field, e.g. innovative projects, substantiated savings, etc. [Note: Future plans and goals are not considered]. The nomination of a project should include a description of the type of project, equipment installed, operating results, financial data, or special features.

Deadline for Nominations

Nomination ballots must be received **by November 12, 2010**. There will be no extensions to the deadline and no exceptions will be made.

How Nominations are Processed

Nomination ballots are first screened in order to verify eligibility. Each ballot is then individually evaluated according to official judging criteria.

III. GPAEE Award Category Descriptions:

CHAPTER ENERGY ENGINEER OF THE YEAR

Presented for outstanding accomplishments in promoting the practices, principles and procedures of energy engineering, and for superior service to the Association. The recipient must be a registered professional engineer.

CHAPTER ENERGY MANAGER OF THE YEAR

Presented for outstanding accomplishments in promoting the practices, principles of energy management and development, and for superior service to the Association. Usually awarded to a Corporate Director of Energy or Energy Manager performing duties for an industrial firm, or building owner/manager.

CHAPTER ENERGY PROFESSIONAL DEVELOPMENT

Presented for outstanding accomplishments in training and development of energy engineers and managers, and for superior service to the Association.

CHAPTER CORPORATE ENERGY MANAGEMENT

Presented for outstanding accomplishments in developing, organizing, managing and implementing their corporate energy management program, and for superior service to the Association.

Call for 2010 GPAEE Award Nominations (cont.)

IV. Awards - Individual Nomination Forms:

The Association of Energy Engineers Awards Committee welcomes your nominations of deserving candidates. Please complete the form below and submit no later than November 12, 2010 via e-mail to Lou Nazirides: lnazirides@tozouenergy.com or fax (610)755-6205.

Nominee Information

Award Category (from box on previous page):
Name of Individual Nominated:
Credentials (C.E.M, P.E., etc.):
Reason for Nomination [Note: Please Summarize in 100 words or less why this nominee should be considered for this award]
Status with AEE:
Title:
Company:
Address:
City:
State:
Zip:
Business Phone:
Fax:
Email:

Nominator Information:

Category:
Submitted By:
Credentials (C.E.M., P.E., etc.)
Title:
Company:
Address:
City:
State:
Zip:
Business Phone:
Fax:
Email:

Support GPAEE!

GPAEE: Keeping Philly's Energy Community informed. GPAEE has served the Philadelphia-area energy community for 30 years. During that time, GPAEE has never veered from its goal of keeping building and facility managers updated regarding the latest energy issues & innovations. Below are just some of the energy topics covered over the last few years at GPAEE's monthly informational events:



- Co-Generation
- LEED Buildings
- Lighting Technology
- Solar Energy
- Trade Shows
- Bio-Mass
- Wind Energy
- Energy Legislation
- EPA & DOE Programs
- Utility Company Issues
- Energy Service Companies Programs
- Demand Response Programs

GPAEE wants your Support. GPAEE is an all-volunteer non-profit organization. Accordingly, we rely on members & sponsors to underwrite our efforts. Therefore, in order to continue to provide the same high-quality energy education expected of us, GPAEE is seeking your Corporate support.

Corporate Support Options. Each month, GPAEE's award-winning Newsletter is read by over 500 energy industry professionals — area engineers, facility & building managers, contractors and vendors. In addition, our monthly Events are attended by up to 100 energy professionals. In turn, your company can reach our professional energy members & audience via several different Corporate Support options:

<u>Corporate Support Option</u>	<u>Corporate Support Option includes</u>		
<i>Corporate Membership</i>	<ul style="list-style-type: none"> • 5 x Individual Annual Memberships * <li style="padding-left: 20px;">* (a \$175 value) • Cost = \$150 • Additional Individual Memberships = \$30 each 		
<i>Newsletter Advertisement</i>	<i>Ad Size</i>	<i>Cost per Issue</i>	<i>Annual Cost</i>
	1/8 Page	\$20	\$100
	1/4 Page	\$50	\$200
	1/2 Page	\$100	\$400
	Full Page	\$200	\$800
<i>Sponsor Monthly Event</i>	<ul style="list-style-type: none"> • Includes Newsletter Announcement • Full Page Ad in one Newsletter • Corporate Profile in Meeting Announcement • Table Top @ sponsoring Event • 5 minute Presentation @ Event • Cost = \$300 		

For information on becoming a Corporate Member, Advertising in our Newsletter, or becoming an Event Sponsor, please contact **Maryanne Campbell** at maryanne.campbell@pgworks.com or 215-684-6724.

GPAEE CARES!

Greater Philadelphia AEE Board Employment Initiative

The economy is tough. Many of our business associates are facing hard times. Even if the recession is over as many economists claim, unemployment is expected to increase in the next two years. Ironically, jobs are increasing in some energy fields. We invite our members and Sponsor companies to join the GPAEE Board in our Employment Initiative.

To help our fellow energy professionals, the GPAEE has initiated the following measures for unemployed local energy professionals:

1. Local unemployed energy professionals can pay a reduced fee for most monthly meetings. When registering for meetings, register under the student and unemployed rate of \$5 for the specified meetings.
2. Unemployed members can post a free Position Wanted ad for 3 months in our newsletter which currently reaches over 600 people.
3. Free Job Ad on our newsletter Energy Job Board for GPAEE Sponsor companies and employers. Recruiters are invited to post jobs for the normal advertisement fee.
4. Companies with openings are invited to announce them at our monthly membership meetings. One of our local members landed a job with one of our Sponsor companies as a result of an announcement made at a recent meeting.

National AEE has given a limited number of coupons for a half price national membership. This discount is for new members only. This discount is for employed as well as unemployed members. Ask for the coupon at the registration desk at our monthly meeting. Also, you can become a local GPAEE member without being a national AEE member.

The GPAEE Board reserves the right to limit the number of discounted attendees at each meeting. The meeting discounts and other measures are for unemployed energy professionals. The definition of unemployed does not include retired or self employed members.

Jim Clark will be the main point contact for this effort. Employers and employees can contact Jim at (610) 325-9229.



GPAEE CARES!
**Unemployed &
Students \$5**

**Let us know how we can help you. Network
at our meetings and connect with your local
energy community.**

ENERGY JOB BOARD

Ads for seeking employment or offering employment are accepted by our newsletter editor no later than the 15th of the month preceding the publication month. Size and content are limited to available space. Please make descriptions brief and refer to URL link or contact info for more information. Ads are free with the following exception: Ads solicited by professional employment agencies or consultants will be treated as normal advertisements. Send information to our newsletter editor, Caroline McCallum cmccallum@ceg-inc.net.

ARB Geowell

A SMARTER GEOTHERMAL WELL

100 Four Falls Corporate Center, Suite 215

W. Conshohocken, PA 19428

Position: Director, Marketing & Business Development

Experience: 5 yr product & service business experience with L.E.E.D. building HVAC background and connections to A&E specifying geothermal installations

Salary: commensurate with experience

Contact: akoenig@arbgeowell.com



Market Manager - Business Development - Marketing Department

The Market Manager is responsible for establishing industry, governmental and customer relations necessary to effectively seek out new market opportunities. This includes monitoring actual market trends and company competitors in order to forecast future market expectations and assess PGW's ability to adapt to market demands and the customers' needs. In addition, incumbent supports the development of strategic alliances and is responsible for developing strategies, methods and documentation to support the Major Accounts goal of contacting each of the Major Account customers.

Minimum education - BA/ BS in Marketing, Business Administration or other related field. Advanced Degree preferred. 3-5 years Business Development or Sales Management experience utilizing Marketing principles and methods for showing, promoting and selling products or services including product demonstration, sales techniques and marketing strategy tactics.


All employees of the Philadelphia Gas Works (PGW) must live in the City of Philadelphia for the duration of their employment.

We offer a strong benefit package that includes free basic health and dental insurance. PGW is proud to be an Equal Opportunity and Affirmative Action Employer, M/F/D/VAAP/ EEO.

Location: 800 W Montgomery Ave, Philadelphia, PA 19122

Advertisements


For more information on how to Advertise with the GPAEE please see page 9



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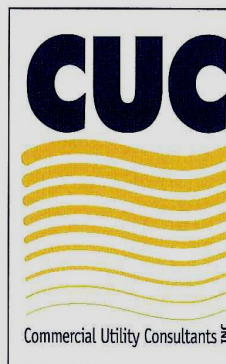
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Terence P. Falvey, P.E.
President

142 Decatur Road
Havertown, PA 19083-1106

610.449.4988
Fax 610.449.9779
fenergy1@verizon.net



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JOHN J. MCGILLIAN
Regional Representative

1556 McDaniel Drive
West Chester, PA 19380
610-431-4400, Ext. 112
484-832-3229 CELL
866-699-2717 FAX
E-mail: john@commercialutility.com
Web: www.commercialutility.com

About AEE National

The Association of Energy Engineers (AEE) is a nonprofit professional society of 11,000 members in 78 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.”

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

AEE's network of 67 local chapters meets regularly to discuss regional issues. AEE's roster of corporate members is a veritable “who's who” from the commercial, industrial, institutional, governmental, energy services, and utility sectors.

The *AEE Energy Insight* is a high-quality online newsletter that focuses on the accomplishment of the Association and its members. AEE also publishes three technical journals: *Energy Engineering*, *Strategic Planning for Energy & the Environment*, and *Cogeneration & Distributed Generation Journal*. These publications are complimentary to all AEE members.

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



Newsletter Comments, Opinions, Ideas

If you would like to comment on, have an opinion/idea for, or contribute a news item to the GPAEE Newsletter, then please [click here](#).

To Receive free GPAEE Newsletter

If you do not currently receive our free monthly GPAEE Newsletter and would like to do so, then please [click](#)

Forward Newsletter to a friend

If you would like to forward this Newsletter to a friend, then please [click here](#).

From The Editor

Well we have the official launch date of our new website.... Please look forward to the new and exciting www.gpaee.org available to our membership and all interested parties as of **October 15**. This will be the final version of the newsletter in this format, as well as the event flyers. We anticipate that the transition will be a smooth one, but as we work through the hiccups, we appreciate your patience and understanding.

