



# **The Greater Philadelphia Association of Energy Engineers**

cordially invites you to our

## **ANNUAL HOLIDAY PARTY**

**Thursday, December 12, 2019  
6:00 p.m. to 9:30 p.m.**

Moshulu  
401 S Columbus Blvd  
Philadelphia, PA 19106

\$85.00 for Members  
\$95.00 for Guest  
\$100 at the Door

The evening will include open bar, a delicious hot buffet style dinner including salad and dessert, door prizes, 50/50 raffle and a celebration of the spirit of the season with colleagues and friends.

For additional information, contact **Judi Subers**.

**[Click Here to Register](#)**



# GPAEE NEWSLETTER

*Fostering action through education, innovation and networking to promote the priorities of Philadelphia-area energy professionals*

December 2019 Newsletter

## PHILADELPHIA ENERGY MASTER PLAN UPDATE 2020

THURSDAY JANUARY 16, 2020 8:30AM TO 10:00AM

### **PYRAMID CLUB** PHILADELPHIA

*A Member of the ClubCorp Family*



[Register Here](#)

• • • • •  
• WANT TO SPONSOR THIS MEETING? CONTACT JUDI SUBERS •  
• • • • •



Thank you to our host and our corporate sponsors for our **SOLD OUT** November meeting and mehanical room tour at the FMC Tower. It was a beautiful venue, interesting speakers and their topics.

We are sorry that we were not able to accomodate everyone that would have liked to have attended.



Steve Beck, VP of GPAEE, Director with Kinect Energy Group



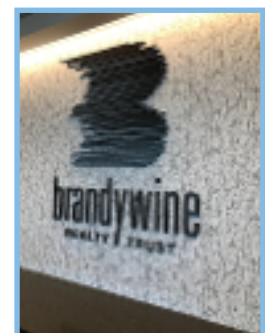
Ron Pluto, Director of Engineering at Brandywine Realty Trust



Jeff Beiter, Managing Partner of E-Finity Distributed Generation



Sherif Youssef, Director of Marketing at PGW





#### APPLICATION ADVANTAGES

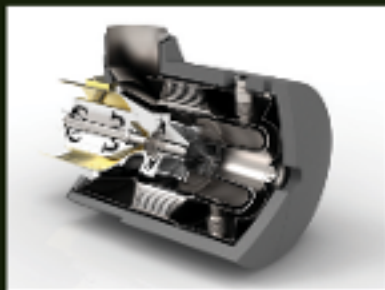
Lowest emissions in industry  
Integrated Synchronization Gear

#### INTEGRATION ADVANTAGES

No cooling system  
No oil leak precautions  
No exhaust after treatment

#### OPERATIONAL ADVANTAGES

Low maintenance  
Air Lubricated Air Cooled  
No vibration



CALL FOR MORE INFORMATION  
OR QUOTATION

## PROJECT SPOTLIGHT



### 5MW DIRECT DRY CHP PLANT

- 5 SIGNATURE SERIES  
1000KW MICROTURBINES
- 18% OXYGEN CONTENT  
MAXIMIZES DUCT BURNING
- OVER 90%  
OPERATING EFFICIENCY
- SPINNING RESERVE APPLICATION  
w/ FAST TRANSFER TO  
ISLAND MODE
- PLANT OPERATIONS &  
MAINTENANCE BY E-FINITY
- 24 X 7 REMOTE MONITORING





# THE ENERGY TO SUCCEED

GO WITH THE PROVEN ENERGY SOLUTION:  
CLEANER, GREENER NATURAL GAS.

More than 25,000 businesses in Philadelphia use natural gas from PGW, so they can focus on their operations, not on their energy bills.

- Natural gas is affordable and reliable.
- Our experts assist you in finding a solution sized for your business.
- PGW can help you take advantage of great rebates and incentives.

And PGW is an industry leader in Combined Heat & Power technology – so you can cut costs AND improve resiliency.

CONTACT OUR  
MAJOR ACCOUNTS TEAM TODAY:

📞 215-684-6671  
✉ [major.accounts@pgworks.com](mailto:major.accounts@pgworks.com)



# 2020

## GPAEE Meeting & Event Calendar

January 16, 2020

**Time:** 8:30am to 10:00am

**Location:** Pyramid Club  
Philadelphia

**Topic:** Philadelphia Energy  
Master Plan

**Corp Sponsor:** AVAILABLE  
FOR SINGLE OR SHARED  
SPONSORSHIP

February 20, 2020

**Time:** 11:30am to 1:30pm

**Location:** Bourse Building  
Independence Mall

**Topic:** Bourse Lighting  
Controls Tour

**Corp Sponsor:** AVAILABLE  
FOR SINGLE OR SHARED  
SPONSORSHIP

March 19, 2020

**Time:** 1:30am to 1:30pm

**Location:** McCall Golf & CC or  
local univeristy

**Topic:** Carbon Reduction  
Master Plan

**Corp Sponsor:** PGW

April 16, 2020

**Time:** 11:30am to 1:30pm

**Location:** Philadelphia  
Navy Yard

**Topic:** Eletric Utililty of the  
Future/Renewables

**Corp Sponsor:** Burns  
Engineering/DCO

May 21, 2020

SEASON  
CLOSER  
  
TO BE  
DETERMINED

June 15, 2020

**Time:**

**Location:** CCEDC Training  
Center, Exton, PA

**Topic:** Training Session  
TBD

**Corp Sponsor:** GPAEE



Hello from Future City Philadelphia!

The program is going strong with 55 schools registered. It is now getting down to the wire. The first submissions, the Virtual City and the Essay, are due mid December. We are looking for volunteers to judge these two submissions. This is something you can do on your own time. The information will be emailed to you. Judging is to be completed by mid January.

**Virtual City Judges:** Evaluate a slideshow presentation about each team's Virtual City (created with SimCity). The instructions for accessing and judging the presentations will be included in the email.

**City Essay Judges:** Evaluate a 1,500 word essay describing each team's city and response to the "Age-Friendly City" engineering challenge. The instructions for accessing and judging the essays will be included in the email.

For more information about judging, please click on the following link, <http://www.futurecityphilly.org/fcvolops.html>

#### **Mentors:**

There are still some schools that need a mentor. Even with only a couple months to go, it is always helpful to have a mentor to make that final push. The following schools can use a mentor.

- Keith Valley Middle School - Horsham, PA
- Lehigh Area Middle School - Lehigh, PA
- Montgomery County OIC - Norristown, PA
- Penn Wood Middle School - Darby, PA
- St. Aloysius Academy - Bryn Mawr, PA
- St. Hilary of Poitiers School - Rydal, PA
- St. Jane Frances de Chantal School - Easton, PA
- St. Katherine of Siena School - Philadelphia, PA
- St. Martin de Porres Catholic School - Philadelphia, PA
- Stewart Middle School - Norristown, PA
- The Anderson School - Eagleville, PA

If you are interested in working with any of the schools listed above, please let me or Mike McAtee (Mentor Coordinator) [mjmcaatee@urbanengineers.com](mailto:mjmcaatee@urbanengineers.com) know as soon as possible. We will get you in touch with the team's teacher.

#### **Additional Volunteers:**

We need more preliminary judges, special awards evaluators and general volunteers for the day of the competition, which is Saturday, January 18, 2020 at Archbishop Carroll High School in Wayne, PA. Preliminary judges and special awards evaluators are needed for the morning session of the competition. General volunteers are needed throughout the day to help organize the schools, get the schools to the judging rooms, collect scorecards, etc.

Please visit our website at [www.futurecityphilly.org](http://www.futurecityphilly.org) and "Click here to sign up as a Volunteer" on the top left of the page. There you can register to be a mentor, judge, or general volunteer.

Any questions please contact me via e-mail or phone. Please feel free to forward this e-mail to your friends, co-workers, and technical society members.

Karen R. McManuels, PE

Philadelphia Regional Volunteer Coordinator



# Energy Industry News and Events



## THE Multi-Society Meeting!

Please join the Engineers' Club of Philadelphia and our co-sponsoring partner societies for our annual **Multi-Society Meeting**. This is always a good opportunity to kick off the holiday season and network with engineers and other professionals that you might not normally see at your society meeting

### "Plan B" = Make Plan A Work. Resilience as a Requirement.

(Because there is no "Plan B")



Resilience (and resiliency) has become a hot topic in the planning and development of projects in both the public and private spheres. But what do we mean by resilience? If resiliency is the ability to bend and bounce back from upset conditions, how far do we expect to 'flex'? How often? What types of "upsets"?

**Date: December 10, 2019      Time: 5:30 PM – 8:30 PM**  
**Doubletree Hotel (Broad & Locust Streets), Philadelphia, PA**

#### Panelists



**Will Agate** - Vice President - Microgrid Services at Ameresco



**Chris Dalgarno-Platt** – Senior Vice President – Ernst & Young



**John Henry** – Chairman & CEO of Charlot Companies



**Dick Webster** - Vice-President of Regulatory Policy and Strategy, PECO

#### Resilience Issues and Considerations in Project Planning

This panel discussion will look at resilience from both the 'big picture' and 'nitty gritty' details involved in the subject. Questions abound as we traverse this new landscape. Which 'upsets' are considered and which are not? What is manageable and what is not? What systems are critical? How do we prioritize? How do we value the cost of failure? What price are we willing to pay for 'success'? What does success look like? How do we fund that investment to deal with an uncertain future?

The panel will wrestle with philosophical and strategic considerations and look at some of the systems and technologies being brought to the bear to help bridge those mission critical circumstances where the best laid plans of mice and...others haven't.

And all this over dinner!

#### SCHEDULE

5:30 PM Networking  
6:30 PM Dinner  
7:00 PM Panel Program

#### COST

- \$90 member/ \$100 non-member/ \$40 government agency and student on or before **December 4th**
- \$95 member/\$105 non-member/ \$45 government agency and student **after December 4th**
- \$100 Affiliate Sponsor (see below)

RSVP [www.engclub.org](http://www.engclub.org)

*Payment will be expected for all reservations regardless of attendance*

Toys will be collected for the Toys for Tots Foundation. Please consider bringing an UNWRAPPED toy to brighten a child's holiday.

**Attention all Affiliate Societies of the Engineers' Club** – for \$100 your organization will be recognized as an event co-sponsor. This rate will include the attendance of a representative of your organization at the event and recognition of your organization as a co-sponsor during the event. This rate is available to all affiliate technical societies and groups of the Engineers' Club.





# Energy Industry News and Events

## Philadelphia C-PACE

On October 23rd, the Philadelphia Energy Authority **officially launched Philadelphia C-PACE**! PEA has started accepting applications for the program. You can visit the **PEA website** to learn more, access the Program Guidelines and other key documents, and download the application forms.

COMMERCIAL PROPERTY-ASSESSED CLEAN ENERGY FINANCING






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### Request For Information

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Commercial Property-Assessed Clean Energy ("C-PACE") financing is now available for commercial buildings in Philadelphia

C-PACE can cover 100% of project costs for:



Energy Efficiency

Renewable Energy

Water Efficiency

All projects require a report performed by engineers with at least one of the following certifications:

- PE
- BEAP
- ICP Quality Assurance Assessor or Project Developer
- CEM
- HBDP
- CEA
- CMVP

The Philadelphia Energy Authority administers the C-PACE program and is seeking information from engineers who have one or more of the certifications listed above

Respondents' information will be listed on the Philadelphia C-PACE website

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Visit **[CPACEPhiladelphia.org](http://CPACEPhiladelphia.org)**  
to access the RFI form and learn more

Philadelphia Energy Authority  
City Hall, Room 576, Philadelphia, PA 19107  
[CPACE@philaenergy.org](mailto:CPACE@philaenergy.org)  
215-686-4483

# ***Energy Industry News and Events***



**The full-day forum will feature breakout sessions in three tracks:**

**Healthcare, Food Services, and Higher Education.**

By focusing on the specific and unique concerns of the three most energy-intensive industries, this event will bring best practices for energy savings and sustainability to the forefront.

**The agenda for this year's event prioritizes networking.**

We'll kick things off the night before, with cocktails and conversation amid the bustling exhibitor hall. The agenda for the full event on the following day offers half hour breaks between sessions and extended mealtimes so that attendees, exhibitors, and sponsors can make the connections they need to grow their businesses and the industry at large.



**ICAHE 2020: 14. International Conference on Alternative Energy and Hydropower Technology**

**January 30-31, 2020 in New York, United States**



# ***Energy Industry News and Events***

## **Wind Wind Energy Symposium**

**06-10 Jan 2020**

**Hyatt Regency Orlando, Orlando, USA**

The ASME Wind Energy Symposium covers the broad range of topics related to wind energy technology for both land-based and offshore siting. Technical areas of interest include Aerodynamics, Aeroelasticity, Acoustics, Dynamics and Control, Structures, Structural Dynamics, Materials, Design, System Engineering and Economics applied to wind energy systems.

## **The Highlights**

### **WTI crude oil futures price**

11/28/2019: **\$58.11 barrel**

Down \$0.47 from wk earlier

Up \$7.82 from yr earlier

### **Natural gas futures price**

11/28/2019 **\$2.501 MMBtu**

Down \$0.066 from wk earlier

Down \$2.214 from yr earlier

### **Weekly coal production**

11/23/2019 **13.195 million tons**

UP 0.569 million tons from wk earlier

Down .855 million tons from yr earlier

### **Natural gas inventories**

11/22/2019 **3,610 Bcf**

Down 28 Bcf from wk earlier

Up 548 Bcf from yr earlier

### **Crude oil inventories**

11/22/2019 **452.0 million barrels**

Up 1.6 million barrels from wk earlier

Up 1.5 million barrels from yr earlier

Source: <http://www.eia.gov/>



James A. Clark  
President

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Energy Consulting Services

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Broomall, PA 19008  
clarkenergy@comcast.net

Cell: 610-299-1743  
Phone: 610-325-9229  
www.clarkenergyinc.com





Welcome to our new member, Al Gallo!



## ENERGY JOB BOARD

### Employment Initiative

The GPAEE has had great success in matching unemployed energy professionals with businesses along with filling available positions within our corporate partners. To help our fellow energy professionals, the GPAEE offers the following assistance for the unemployed professional.

1. Reduced fees for monthly meetings by registering under "Student/Unemployed" for a rate of \$5 for that meeting
2. Unemployed members can post a free **Position Wanted** ad for 3 months in our newsletter which currently reaches over 1,000 people.
3. Free **Position Available** ads in our monthly newletter for GPAEE sponsor companies and employers. Recruiters can post positions for the normal advertisement fee or on our website for no cost.
4. Companies and unemployed individuals are invited to announce their opportunity or availability also at our monthly meetings

**To post an ad in the newsletter**, send a brief description with URL link and contact information to our newsletter editor, Daryl Landgraf at [newsletter@gpae.org](mailto:newsletter@gpae.org)

Ads are free except those solicited by professional employment agencies.

### Internship Opportunity Wanted

**Lorenzo Penna**

**Senior Mechanical Engineering student** with an energy concentration at Villanova University seeking a 30 hour per week internship from January 13th to May 1st and a full-time position starting in June in the design, engineering, and application of renewable energy technologies such as solar, wind, hydroelectric, and energy storage in the greater Philadelphia area. Also interested in energy conservation projects and performance contracting. I can be reached at (201) 906-5020 or [lpenna@villanova.edu](mailto:lpenna@villanova.edu).



## ENERGY JOB BOARD

### Energy Jobs In Pennsylvania



#### **CLEAResult**

**Energy Efficiency Technician III**, Bridgeville  
**Energy Representative - Energy Audits**, Bridgeville  
**Energy Representative**, Scotrun  
**Residential Energy Auditor**, York  
**Energy Technician**, York

**Hercules LED, LLC**, Meadville  
**LED Sales Consultant**

**UGI Utilities, Inc.**, Denver  
**Principal Analyst - Rates**

**PPL Corporation**, Allentown  
**Energy Efficiency Consultant**

**Pennsylvania College of Technology**, Williamsport  
**Energy Efficiency Coordinator: Commercial Programs**

**PosiGen, LLC**, Langhorne  
**Outside Sales / Residential Energy Specialist**

**G&C Environmental Services**, Newtown Square  
**Energy Auditor**

**Saint-Gobain**, Malvern  
**Energy and Process Champion**



**Opportunity**

## ENERGY JOB BOARD

### Energy Jobs In Pennsylvania (cont.)



**CMC Energy Services**, Fort Washington  
**Energy Manager**

**Performance Systems Development**, Philadelphia  
**Energy Codes Training Specialist**  
**Sales and Business Development Manager**  
**Software Business Analyst**  
**Software Developer**  
**Build Release Engineer**

**ICF**, Philadelphia  
**Commercial Outreach/Sales Representative, Energy Efficiency**

**Temple University**, Philadelphia  
**Facilities Operations Manager**

**School District of Philadelphia**, Philadelphia  
**Program Manager: Green Stormwater Infrastructure**

Click on the link to be taken to the job description.  
These can also be found on the Energy Efficiency Alliance website.





## ENERGY JOB BOARD

### Energy Jobs In New Jersey



**MaGrann Associates**, Mount Laurel

**Building Systems Engineer**

**CLEAResult**

**Residential Field Specialist**, Denville

**Program Manager - Energy Efficiency**, Denville

**Energy Technician II**, Clifton

**ICF**, Atlantic City

**Part-Time Energy Efficiency Auditor**

**South Jersey Industries**, Union

**Supervisor, Project Controls**

**Geoscape Solar**, Mount Laurel

**Solar Engineer**

**CBRE**, Kenilworth

**Energy Manager**

**Vision Solar**, Edison

**Solar Sales Manager**

**PosiGen, LLC**

**Field Technician I**, Township of Monroe

**Solar Roof Sales Executive**, Township of Monroe

**Outside Sales / Residential Energy Specialist**, Trenton

**Powerlutions Solar**, Lakewood

**Entry Level Solar Installers**

Click on the link to be taken to the job description.  
These can also be found on the Energy Efficiency Alliance website.

# **Energy Solutions Engineer**



Ecosave is a multi-national leader in Energy Efficiency and Distributed Generation services. We reduce our client's energy and water consumption and costs while delivering major capital upgrades. We specialize in energy efficiency retrofit projects and services, Building Automation Systems, ongoing utility management services and Distributed Generation.

A unique opportunity exists to join our Energy Efficiency Team as an Energy Solutions Engineer where you will calculate and identify energy and water conservation measures for commercial and industrial clients. Ultimately, you will be helping to achieve Ecosave's mission of drastically reducing global greenhouse gas emissions. The core function of this role is to conduct on-site assessments, develop engineering solutions, savings calculations and guaranteed savings proposals. The ideal candidate will have a relevant engineering degree, industry certifications and a strong background in calculating and scoping energy efficiency and distributed generation performance-based contracts. This candidate must be a highly driven and dynamic individual with a strong mix of skills needed to contribute to the growth and positive change in a rapidly growing business.

## **Position Responsibilities**

- Conduct on-site assessments in prospect buildings then develop engineering solutions to calculate energy & water savings solutions (40%)
- Prepare sales proposal content to describe these solutions (10%)
- Define scope and pricing for the selected energy and conservation measures (15%)
- Commissioning of all the installed solutions (15%)
- Analyse all relevant data to validate the predicted savings as per IPMVP standards, ultimately responsible for the guaranteed energy savings (15%)
- Continuous professional development (5%)

## **Desired Skills and Abilities**

- Analytical, conceptual, and problem-solving skills
- Advanced computer skills
- Project management fundamentals
- Ability to work effectively across a large geographic and diverse customer portfolio
- Effective interpersonal skills to develop good working relationships
- Demonstrated flair for sourcing and implementing new technology, up-to-date with energy efficiency technologies
- Demonstrated performance working with solution providers to provide energy/utility performance improvements in commercial, industrial and health facilities
- In-depth and advanced building services knowledge such as mechanical & HVAC, Building Automation System, electrical & lighting
- Ability to travel and perform after hours work on occasion when needed

## **Required Qualifications and Experience**

- 5+ years' experience required
- Holds a 4-yr degree in electrical, mechanical, industrial or energy systems engineering
- Hold one or more technology and industry certifications (CEM, CEA, CMVP, LEED/AP etc.)
- P.E certification preferred
- Demonstrated experience in performing savings calculations for energy upgrades
- Experienced in performing energy audits according to ASHRAE standards (ASHRAE Level 1, 2 & 3 and IGA: Investment Grade Audits)
- Advanced knowledge of energy modelling/best practice/codes (ASHRAE, IESNA, NEC etc.)
- Experience in seeing projects through implementation
- Technical experience with energy efficiency technologies

[CLICK HERE TO APPLY](#)

# **Energy Project Manager**



A unique opportunity exists to join our Energy Project Management Team as an Energy Project Manager where you will plan, implement and deliver guaranteed energy and water conservation measures for commercial and industrial clients. Ultimately, you will be helping to achieve Ecosave's mission of drastically reducing global greenhouse gas emissions. The core function of this role is to maintain and develop project scope, schedule and budget. Manage contractors and suppliers to source, validate and deliver the energy savings/upgrade solutions. Commission new systems and assist with measurement and verification of savings. The ideal candidate will have a relevant engineering degree, industry certifications and a strong background in project management and delivery of performance-based contracts. This candidate must be a highly driven and dynamic individual with a strong mix of skills needed to contribute to the growth and positive change in a rapidly growing business.

## **Position Responsibilities**

- Maintain and develop project scope, schedule and budget; perform or assure that quality control is accomplished for written deliverables. Be accountable for installation of all energy conservation measures and solutions (25%)
- Manage selected subcontractors and suppliers to source, validate, and deliver energy and water savings technologies and determine project schedules (25%)
- Communicate scientific and technical information to clients and/or internal audiences through oral briefings, written documents, and formal meetings. Oversee and maintain project requirements for ensuring health and safety of all assigned or involved (10%)
- With support from engineering team, commission all energy efficiency solutions (10%)
- Support the engineering team to develop efficiency solutions and sales proposals including the technical approach, budgets, and schedules (10%)
- Provide technical leadership (5%)
- Grow existing relationships with clients (5%)
- Record and analyse necessary performance data to validate the predicted savings per IPMVP standards, assist in developing the M&V Report (5%)
- Continuous professional development (5%)

## **Desired Skills and Abilities**

- Analytical, conceptual, and problem-solving skills
- Demonstrate initiative
- Ability to work effectively across a large geographic and diverse customer portfolio
- Effective interpersonal skills to develop good working relationships
- Demonstrated flair for sourcing and implementing new technology, up-to-date with energy efficiency technologies
- Demonstrated performance in working with solution providers to provide energy/utility performance improvements in commercial, industrial and health facilities
- Building services knowledge such as mechanical & HVAC, Building Automation System, electrical & lighting
- Advanced knowledge of mechanical and HVAC technologies and solutions
- Advanced knowledge of ASHRAE standards, energy modelling/best practice/codes (IESNA, NEC, IBC etc.)
- Ability to travel and perform overnight and afterhours work on occasion when needed

## **Required Qualifications and Experience**

- 5+ years' experience required
- Holds a 4-yr degree in electrical, mechanical, industrial or energy systems engineering
- Hold one or more technology and industry certifications (CEM, PMP, CMVP etc.)
- P.E certification preferred
- Advanced project management and computer skills
- Demonstrated experience in delivering energy upgrade projects and performance contracts
- Technical experience with energy efficiency technologies

[CLICK HERE TO APPLY](#)





# For businesses, saving energy never looked so good.

Energy-efficient upgrades are a bright way for businesses of all sizes to reduce operating costs, increase comfort and grow the bottom line. With **increased financial incentive levels** for improving energy efficiency, PECO can help you shine light on new ways to save.

- For more information, call **1-844-4BIZ-SAVE** (1-844-424-9728) or visit [peco.com/MoreSavings](http://peco.com/MoreSavings).



PECO. The future is on.



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*Because we  
can't do it  
without you!*



### **The GPAEE Appreciates Our Corporate Sponsors!**

GPAEE has served the Philadelphia area energy community for over 30 yrs. During that time we have maintained our goal of keeping energy professionals up to date on the latest energy issues and innovations. ***But we can't do it without YOU!*** GPAEE is a volunteer non-profit organization. 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. Each month GPAEE's award winning newsletter is read by over 1,000 energy professionals - engineers, facility & building managers, contractors and vendors. In addition, our monthly events are attended by 100 + energy professionals. Your company can reach our professional audience via several corporate support options.

**We hope you will consider sponsoring one of our monthly events or a corporate membership!**

- [Aquis Air Quality Solutions](#)
- [BurnsEngineering](#)
- [CEG Solutions](#)
- [CommercialUtilityConsultants](#)
- [ConcordEngineeringGroup](#)
- [Constellation Energy](#)
- [CorePower,Inc](#)
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- [SwagelokPenn](#)
- [Tozour Energy Systems](#)
- [Trefz Engineering](#)
- [UGI EnergyServices](#)
- [Veolia North America](#)

**Thank you to all of our corporate members.**

**We appreciate all the time and support you show our Philadelphia Chapter.**

**We are always looking for more corporate members to join our Chapter of Energy Engineers so get involved today!**



The Association of Energy Engineers® (AEE®), founded in 1977 by [Albert Thumann](#), is a nonprofit professional society of over 18,000 members in more than 100 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 (live and online), conferences, journals, books, and certification programs. AEE's network of over 100 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 publishes three technical journals: *Energy Engineering* and *Strategic Planning for Energy & the Environment* complimentary to all AEE members, and *Cogeneration & Distributed Generation Journal*, complimentary to those AEE members who are also members of the Cogeneration & Distributed Generation Institute.

The Foundation of the Association of Energy Engineers is a nonprofit organization that is dedicated to furthering education in energy and management. To date, the Foundation has awarded over \$950,000 in scholarships for use by outstanding students.

**As a member, you will receive a cross-section of member benefits including:**

- Subscriptions to leading-edge technical publications
- Newsletters & magazines
- VIP member discounts on conferences, seminars & books
- Industry networking opportunities
- Conference proceedings

**AEE Members are invited to participate in:**

- Industry-recognized certification programs
- Conferences and trade shows
- Nominate individuals, companies or projects for AEE Awards programs
- Participate in a local chapter, offering networking and professional opportunities on a local basis

To become an AEE National Member, [PLEASE CLICK HERE.](#)







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## When considering GPAEE Corporate Sponsorship:

<b><u>Corporate support option</u></b>	<b><u>Details</u></b>
<b>Corporate Membership</b> \$150.00 (includes 5 people, each additional person is \$30.00)	- 5 Individual annual memberships - a \$175.00 value
<b>Newsletter Advertisement</b>	- 1/4 page - \$50.00 per issue or \$100 per year - 1/2 page - \$75.00 per issue or \$200 per year
<b>Event or Meeting Sponsor</b> \$300 per meeting	- Corporate profile in meeting announcement & newsletter - Full page ad in newsletter of choice

### **GPAEE Board**

<b>Board Position</b>	<b>Officer Name</b>	<b>Organization</b>
President	Tara Pasca	Concord Energy Services
Vice President & Treasurer	Steve Beck	Kinect Energy
Secretary	Phil Coleman	Lawrence Berkeley National Laboratory
Events Coordinator	Judi Subers	UGI Energy Services
Membership	Monica Bersani	Philadelphia Gas Works
Education	Helen Silvis	Energy Systems Group
Employment Initiative	Jim Clark	Clark Energy
Website	Michael Walton	Burns Engineering
Awards	Glenn Murphy	PECO
Newsletter	Daryl Marie Landgraf	Veolia North America
Past President	Bill Oppenheim	Man of the world
Member at Large	Jon Wohl	DCO Energy