



GPAEE NEWSLETTER

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

2020 June Newsletter



The Greater Philadelphia Association of Energy Engineers (GPAEE) has partnered with the Association of Energy Engineers (AEE) to host **Certified Energy Manager (CEM)** training. Since its inception in 1961, the Certified Energy Manager credential has become widely accepted as a measure of achievement within the energy management field.

...great value compared to similar programs
...CEM prep training scheduled in the
Greater Philadelphia area.

The registration fee includes:

- Cost of the CEM exam
- Four days of instruction
- Four-hour written, open-book exam
- Textbook and workbook
- Continental breakfast and lunch each day
- Free parking
- Discounted hotel rooms available nearby.

PA residents may be eligible for up to 50% cash grants for reimbursement of the CEM training from the Smart Energy Initiative. Register for the training, then go to [SEI Training Grant Application](#) for more information on the reimbursement.

Limited seats are available for this training seminar so reserve your spot soon! Register at WWW.GPAEE.ORG!

For more information about CEM Training and the complete class schedule, please contact Steve Beck at 610.816.8097 or sbeck@msn.com

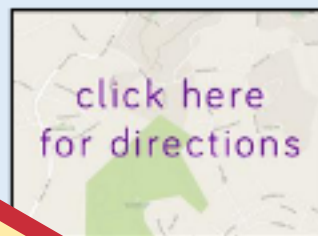


Chester County Economic Development Council (CCEDC)

Eagleview Corporate Center

737 Constitution Drive
Exton, PA 19341

Less than 1 mile from the PA Turnpike



WHEN:

September 14-18, 2020

Monday through Friday

\$1,925.00 per person

*this is a discounted price from the Association of Energy Engineers usual fee and includes the extra cost of the certification exam & also includes breakfast and lunch for each attendee.



Rescheduled for Sept. 2020



The Greater Philadelphia Association of Energy Engineers (GPAEE) has partnered with the Association of Energy Engineers (AEE) to host **Certified Energy Manager (CEM)** training. Since its inception in 1981, the Certified Energy Manager credential has become widely accepted as a measure of professional accomplishment within the energy management field.

This training seminar offers you a great value compared to similar programs across the northeast and is the only CEM prep training scheduled in the Greater Philadelphia area in 2020.

The registration fee for the seminar includes:

- Cost of the CEM application
- Four days of instruction
- Four-hour written, open-book exam
- Textbook and workbook
- Continental breakfast and lunch each day of training
- Free parking
- Discounted hotel rooms available nearby.

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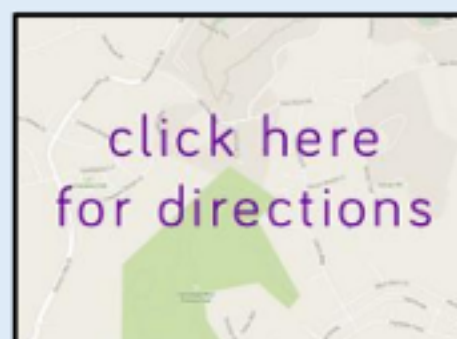


Chester County Economic Development Council (CCEDC)

Eagleview Corporate Center

**737 Constitution Drive
Exton, PA 19341**

**Less than 1 mile from the PA
Turnpike**



WHEN:

September 14-18, 2020
8:00am – 5:00pm
Exam Scheduled for:
September 18, 2020

COST:

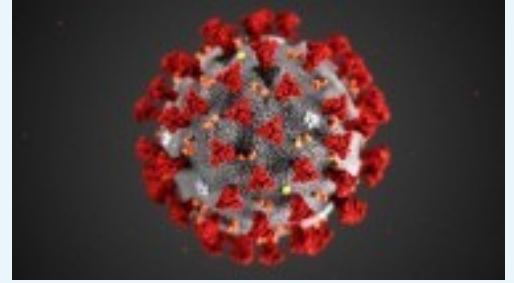
\$1,925.00 per Attendee*

*this is a discounted price from the Association of Energy Engineers usual fee and includes the extra cost of the certification exam & also includes breakfast and lunch for each attendee.





Thursday May 28, 2020



Reducing Building Energy Usage During the COVID-19 Shutdown

A virtual webinar on reducing energy use while maintaining unoccupied buildings

Many buildings are shut down due to the COVID-19 virus and may be closed or at reduced capacity for months. With the arrival of summer, electric bills will start to increase due to air conditioning needs. What are your plans?

This webinar discussed both simple and more involved ways to reduce your building energy usage during the shutdown.

Measures addressed range from air-conditioning equipment to plug loads to water heaters. Issues such as building indoor air quality and mold were discussed.

Jim Clark, a GPAEE board member and President of Clark Energy, Inc. was the presenter. His background in energy conservation measures, demand response, and HVAC enabled him to give a comprehensive solution to reducing energy usage in a dormant building. Familiarity with HVAC equipment operations control strategies alone does not address actual building energy usage. Integrating energy conservation techniques and demand response strategies can greatly augment your savings.

You can see and hear the presentation below. **You will need to download file from DropBox for the full presentation.**
https://www.dropbox.com/s/h1olkaxg6muz7lu/May%2028%20GPAEE%20Webinar%20Recording_Trim.mp4?dl=0



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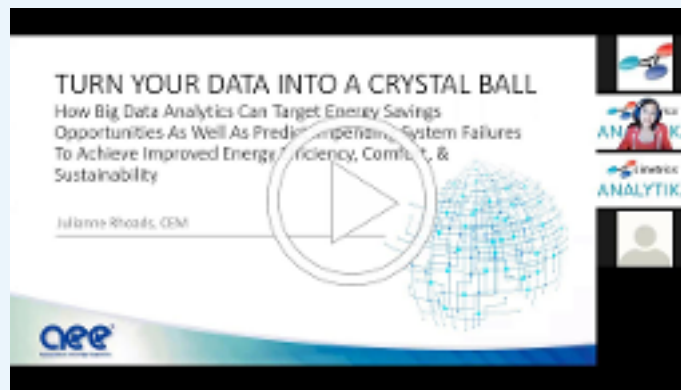
In case you
missed it...

Thursday May 21, 2020



Data Analytics & Predictive Maintenance in HVAC Systems

Below is a link to the video recording:



In addition, I have attached the following documents:

- **Zoom chat from our webinar:**
- **In response to Ariel's question**, "Which platform are you using to collect data from the building and send them back to the cloud?"
Check out a Analytika CachePoller [device FAQ](#) for the IT department
- With regard to our COVID discussion, [here is](#) an article that provides examples of monitoring-based commissioning during the COVID shutdown. We are currently developing a COVID Best practices document summarizing ASHRAE and CDC guidelines and recommendations for HVAC operation and how Analytika can be used during the shutdown and reopening; this will be emailed when complete.
- **In addition**, to highlight the capability of analytics for monitoring equipment during severe weather conditions, [here is an article](#) that describes a frozen coil event at a facility.

Julianne Rhoads
rhoads@cimetrics.com

617-350-7550



Association of Energy Engineers

Greater Philadelphia Chapter

www.gpaee.org

As the regional chapter of Association of Energy Engineers (AEE), the Greater Philadelphia Association of Energy Engineers (GPAEE) has been fortunate to have the ability to also offer a select number of locally awarded scholarships to undergraduate and graduate applicants from the greater Philadelphia region.

It is our pleasure to announce GPAEE's 2020 scholarship awardee:

Scholarship Applications Are Always Available

GPAEE's spring award selection is made from the applicant pool for Association Energy Engineers Foundation (AEEF). There is no need to follow a separate application process. Applications for GPAEE's regional scholarship will continue to be accepted for scholarship consideration throughout the year. As a reminder, forms that must include the following supporting documents:

- AEE Foundation application form (www.aeecenter.org/about-aee/aee-foundation)
- Current Transcript
- School Faculty Recommendation
- 150-300 Word Statement
- Additional Documentation such as relevant experience, awards (limit 2 pages)

Completed applications **with all supporting documents** must be emailed to GPAEE
education@gpaee.org



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MAJOR ACCOUNTS TEAM TODAY:

📞 215-684-6671
✉ major.accounts@pgworks.com





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 newsletter 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

Ads are free except those solicited by professional employment agencies.

Paul Cini

paul.cini@itech

Cell: 725-600-1508

LinkedIn : www.linkedin.com/in/paul-cini

Professional with Master's Degree of chemical Engineering, specialist of plastic material with 2 years of experience in the automotive industry. These experiences include being a project Engineer who interacts with both customer and supplier, as well as being a new product Engineer in a manufacturing environment. Skills include, but are not limited to, injection molding, CAD (Catia, Autocad), Rheology, mechanical engineering, design, problem solving and Project managing. Great team player, always eager to learn new techniques and improve, as such I am seeking a position of project Engineer in the automotive or technical packaging industries.

Austin Dodge

Austin.T.Dodge@gmail.com

Cell: 832-405-9388

Controls Engineer in early career looking to move to the Philadelphia area and continue developing expertise in PLC software. Proven experience from Cummins Inc. leading high-paced multi-disciplinary projects to release products before plant shortages occur. Knowledgeable in diesel engines, control architecture and sensors. Demonstrates strong project management, communication, collaboration and organizational skills. Additional experience troubleshooting software and hardware issues on bench and on engine. Available for full-time or contract work.



ENERGY JOB BOARD

Monica Nerz

monicanerz@gmail.com

(610) 955 6476

Recent graduate from Temple University with a B.A. in Political Science, with a strong interest in energy policy. Currently seeking an entry level position which sets and administers energy policies for utility programs and energy efficiency initiatives. Internship with the Environmental Defense Fund in Washington DC, which enabled me to schedule and meet with members of Congress to discuss energy efficiency objectives, in addition to educating members on the importance of renewable and non-renewable energy resources. At an event's managing company, charged with social media and event day management for a team of 5-20 people.

Robert K. Clifton, CEA

Energy professional seeking a senior technical or management role in HVAC, ESCO, or MEP firms. Engineering professional with proven experience in field work & management with a background in HVAC service, Building Automation Systems design, Demand Response initiatives, M&V, and implementation of energy, carbon, and water conservation projects for commercial, institutional, and industrial markets.

Key strengths include strong customer relationship building; technical, financial, and regulatory aspects of energy and environmental systems; proven project and staff management abilities; strategic planning; and problem-solving skills.

AEE Certified Energy Auditor with degree from Univ. of Delaware. AEE and ASHRAE member. Available for full, part-time, or contract basis work.

If you or your company are planning on hiring interns this summer please let us know so that we can assist you in finding



Do you know someone who didn't get our last newsletter?

Did you miss our last two virtual meetings?

Has your email address changed?

Didn't realize we didn't get your new contact information?

We want to be sure to stay connected with everyone during this new transition of working and living!

SEND US YOUR NEW EMAIL AND CONTACT INFORMATION!

Send your information to: <https://gpaee.org/contact.php>



You can also
connect with us on
LinkedIn & Twitter



Energy Industry News and Events

AEE West
ENERGY CONFERENCE & EXPO

VIRTUAL EVENT

Join Online June 23-25, 2020.
Register Today at:

west.aeecenter.org

Denver has notified us that the Colorado Convention Center will not be hosting conference and expo events for the remainder of 2020. Therefore, **AEE World** will not be a live in-person event in Denver in September. We are evaluating several options for **AEE World**, which include a live or hybrid event in November/December in another city or an entirely virtual event.

AEE appreciates your patience while we make alternative plans. Our target date to announce details is July 1, 2020.

The Highlights

WTI crude oil futures price

6/3/2020: **\$37.29/barrel**

Up \$4.48 from wk earlier
Down \$16.19 from yr earlier

Natural gas futures price

6/3//2020 **\$1.821 MMBtu**

Up \$0.099 from wk earlier
Down \$0.595 from yr earlier

Weekly coal production

5/30/2020 **8.192 million tons**

Down 0.173 million tons from wk earlier
Down 4.185 million tons from yr earlier

**COMMODITY
PRICES**



Natural gas inventories

5/29/2020 **2,714 Bcf**

Up 102 Bcf from wk earlier
Up 762 Bcf from yr earlier

Crude oil inventories

5/29/2020 **532.3 million barrels**

Down 2.1 million barrels from wk earlier
Down 49.1 million barrels from yr earlier

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

We will be working all summer to bring you lots of new programs with interesting topics! **If you have any suggestions or would like to provide a meeting presentation we would love to hear about it!**

Email Steve Beck @

SBeck@world-kinect.com



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**.



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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](#)
- [CommercialUtilityConsultants](#)
- [ConcordEngineeringGroup](#)
- [Constellation Energy](#)
- [Diversified Lighting](#)
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- [Steamfitters Local 420](#)
- [Tozour Energy Systems](#)
- [Trefz Engineering](#)
- [UGI EnergyServices](#)
- [Vicinity Energy.](#)

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:

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

GPAEE Board

Board Position	Officer Name	Organization
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	Vicinity Energy
Past President	Bill Oppenheim	Man of the world
Member at Large	Jon Wohl	DCO Energy