

The Greater Philadelphia Chapter of the Association of Energy Engineers
Newsletter
December 2006

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MARK YOUR
CALENDAR:

**Holiday Party is
December 7th at
Dave and Busters!**

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**Deadline for newsletter
submissions is 28th day of
month!**

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HAPPY HOLIDAYS, HAPPY NEW YEAR!

WHAT: AEE ANNUAL HOLIDAY PARTY

WHEN: Thursday December 7th

WHERE: Dave and Busters – Philadelphia

TIME: 4:00 – 8:00 PM

COSTS: \$50

CONTACT: John Zuk, PGW john.zuk@pgworks.com 215 684 6725

**TIME: 4:00 PM – 8:00 PM
BUFFET DINNER WILL BE SERVED AT 5:30 PM
WITH APPETIZERS SERVED PRIOR TO DINNER**

COST: \$50.00 PER PERSON INCLUDES:

**HOT AND COLD BUFFET W/SALADS, APPETIZERS AND DESSERT
THREE (3) DRINK TICKETS GOOD FOR ANY DRINK OF YOUR CHOICE
COLD BEVERAGES (SODA, TEA, COFFEE, ETC.)**

FREE POOL FOR 4 HOURS

FREE DARTS FOR 4 HOURS

OTHER ENTERTAINMENT AS WELL!

AWARDS

DOOR PRIZES

LOTS OF FUN!!!!

ENERGY STAR Regional Networking Meeting December 7th 8:30am – 1:00pm

EPA Region 3 invites you to attend a one half-day, informational and networking event. Learn about and discuss best practices, lessons learned and energy performance achievements in commercial and institutional markets.

Learn more about incentive programs and recent ENERGY STAR developments and how it can make it easier and more cost effective to execute and gain support for a successful energy management program.

Industry experts will present case studies to illustrate how organizations have improved operations and optimized building energy performance.

Contact

Tyrone Foster at tfoster@sentech.org, 240-223-5542.

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ENERGY NEWS:

NEW JERSEY

Electric bills would increase and gas bills would drop under tentative agreements reached by Public Service Electric & Gas Co. and the New Jersey Board of Public Utilities.

Environmental Protection Agency (EPA), the U.S. Department of Justice and the State of New Jersey announced that they have lodged with the court a Clean Air Act (CAA) settlement with PSEG Fossil LLC related to PSEG's failure to comply with a 2002 consent decree requiring installation of pollution controls at its coal-fired power plants in Jersey City and Hamilton, New Jersey.

DELAWARE

When Delmarva Power announced steep electric rate increases in February, it sent shock waves throughout Legislative Hall.

Two solid waste landfills are about to take center stage in the ultimate recycling project - using the landfill gas generated from decomposing organic waste to produce renewable energy. The landfills, located in Kent and Sussex Counties, are owned and operated by the Delaware Solid Waste Authority (DSWA).

MARYLAND

Pepco Energy Services, a subsidiary of Pepco Holdings, Inc. (NYSE: POM) and a leader in energy savings performance contracting, will implement a comprehensive energy performance contracting program for Salisbury University, located on the Eastern Shore of Maryland

OHIO

American Electric Power (NYSE: AEP) announced that its Columbus Southern Power utility subsidiary has agreed to purchase the Darby Electric Generating Station from DPL Energy, LLC, a subsidiary of DPL Inc., for approximately \$102 million. A proposed raise in electricity bills will cost the average customer about \$6.50 more a month, not the \$2.25 first announced when AEP-PSO asked state regulators for a rate increase.

Ohio Energy Group (OEG), a consortium of Ohio's largest industrial energy users formed to manage energy costs, is promoting new legislation, increasing its membership and forming strategic partnerships.

American Electric Power (NYSE: AEP) has signed a memorandum of understanding (MOU) with ITC Transmission, a subsidiary of ITC Holdings Corp. (ITC), to perform a technical study to evaluate the feasibility of extending AEP's 765-kilovolt (kV) transmission infrastructure through Michigan to enhance reliability and support a competitive market of generation supply.

PENNSYLVANIA

Exelon Nuclear employees have voted against union representation at Peach Bottom Atomic Power Station, Limerick Generating Station and the company's Outage Services group.

PA Public Utility Commission picked a California company to monitor compliance with a 2004 state law that requires electric utilities to purchase a certain amount of renewable energy.

A recommended decision in the comprehensive transition rate plan filed by Metropolitan Edison Company (Met-Ed) and Pennsylvania Electric Company (Penelec), subsidiaries of FirstEnergy Corp., has been filed with the Pennsylvania Public Utility Commission (PPUC) by the administrative law judges in the case.

Pennsylvania's mountaintops may become a battleground between developers and environmentalists. Developers are eyeing the ridges of the Appalachian Mountains, which cross the middle of the state, to construct wind turbines to generate electricity. PPL Corp. is making preparations to charge Pennsylvania electricity customers different rates at different times of the day -- a development that promises to transform the way people think about and use energy.

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OTHER NEWS

Customers of UGI Electric Service got a jolt this month when the utility announced a January rate increase averaging 35 percent. That translates to \$25.80 monthly for a household using 700 kilowatt hours a month, enough money in a year to buy a new video game player for Christmas.

Lights out on ComEd Rate Freeze

A bid to freeze electricity rates for three years failed in the Illinois House last week increasing the possibility that Commonwealth Edison customers may see double digit price hikes in their utility bills in January.

Rates for residential customers will rise about 22 percent.

Rates would be limited to 10 percent a year for three years.

Exelon say an extension of the freeze would bankrupt the utility in Illinois.

Standard & Poor's Ratings Services said that its 'BBB-' corporate credit rating on Commonwealth Edison Co. (ComEd) remains on Credit Watch with negative implications. In addition, the 'BBB+' corporate credit ratings on Exelon Corp., Exelon Generation Co. LLC (ExGen), and PECO Energy Co. also remain on Credit Watch with negative implications. Exelon is ComEd's parent company.

PPL, to promote a more efficient electricity distribution system, the utility industry, as well as the 2005 Energy Policy Act, have called for consideration of advanced meters that measure electric usage on an hourly basis for all customers. EnerNOC, Inc., the leading provider of technology-enabled demand response and energy management solutions, announced its landmark entry into the PJM Interconnection (PJM) ancillary services market with demand response.

VIRGINIA

Electricity costs more today in Southwest Virginia than it did three months ago, but a 25 percent rate increase in October may be only the first of many rate jumps by Appalachian Power Co. if Virginia follows national trends. Appalachian Power Co. will raise its rates to produce an additional \$38.7 million to cover its increased cost for fuel used to generate electricity. Dominion Virginia Power needs 300 more megawatts of electricity to serve fast-growing Northern Virginia. First, though, Dominion Virginia Power wants to see if there is a better and cheaper way to meet its needs.

WASHINGTON

The U.S. Department of Energy (DOE) announced that 11 commercial and public consortia have been selected to receive up to \$16 million in grants, subject to negotiation, to conduct detailed sitting studies for integrated spent fuel recycling facilities under the Global Nuclear Energy Partnership (GNEP) initiative.

The U.S. Internal Revenue Service (IRS) announced that it has allocated \$800 million in "tax-credit" bonds for a total of 610 renewable energy projects to be located throughout the United States.




The Electric Power Research Institute (EPRI) and Argonne National Laboratory, two of the nation's premier research organizations, announced today a three-year collaborative agreement to conduct detailed analysis of plug-in hybrid electric vehicles (PHEVs) aimed at assessing the commercial feasibility of this technology for the U.S. Department of Energy.



Wal-Mart, the world's leading retailer, announced an ambitious campaign to sell 100 million compact fluorescent light bulbs (CFLs) at its Wal-Mart and Sam's Club locations by the end of 2007.

Green Building Council (USGBC) is taking a carrot-and-stick approach to its ever-popular LEED (Leadership in Energy and Environmental Design) green building rating system, tightening standards while providing new incentives for building designers to strive for their best.

CALIFORNIA

APX, Inc., a leading provider of technology, operations, and professional services for the energy industry and environmental markets, announced that the California Energy Commission has selected the APX Environmental Registry & Banking solution for its Western Renewable Energy Generation Information System (WREGIS) project, and has signed a multi-year agreement for APX to provide the WREGIS system technology and services

 <p>McNees Wallace & Nurick LLC attorneys at law</p> <p>RICHARD T. GILKEY CEM, CDSM ENERGY MANAGEMENT SPECIALIST</p> <p>24 PATRIOT LANE • THORNTON, PA 19373 TEL: 484.840.1412 • FAX: 484.840.1413 • RGILKEY@MWN.COM WWW.MWN.COM</p>	<p>M A J O R A C C O U N T S</p>  <p>Our Major Accounts Team serves large commercial, industrial and institutional customers within the City of Philadelphia.</p> <p>Here's what we can do for you:</p> <ul style="list-style-type: none"> • Initiate the gas service turn-on process for all large commercial and industrial customers • Act as the primary point of contact for all customer inquiries • Offer services that could assist you in managing your assets more effectively and provide you with energy information • Keep you informed of emerging technologies and industry trends • Develop energy solutions with operational and economic advantages <p>the Natural Energy Choice for Philadelphia</p> <p>Philadelphia Gas Works 800 W. Montgomery Avenue Philadelphia, PA 19122 Phone: (215) 684-6671 Fax: (866) 372-8950 MajorAccounts@pgworks.com www.pgworks.com</p>
 <p>CLARK ENERGY, INC. Energy Consulting Services James Clark President</p> <p>2793 Highland Ave. Business (610) 325-9229 Broomall, PA 19008 Fax/Modem (610) 325-5801</p>	

 <p>TECH REPS INC. PO BOX 4456 Cherry Hill, NJ 08034-0677 856-779-3323 Fax: 856-779-7126 Michael Makofsky, President</p> <ul style="list-style-type: none"> > Expansion Joints > Steam Trap Monitoring Services > Complimentary Insulation Blanket > Energy Surveys for Delval/AEE 	<p>JONATHAN S WOHL Director of marketing</p>  <p>TRIGEN – PHILADELPHIA ENERGY CORPORATION 2600 CHRISTIAN STREET PHILADELPHIA, PA 19146</p> <p>(215) 875-6900 EXT. 169 Fax: (215) 875-6910 Internet: jwohl@tpiphilly.com</p>
<p>Falvey Energy Engineering, P.C.</p> <hr/> <p>Terence P. Falvey, P.E. President</p> <p>142 Decatur Road Phone: 610-449-4988; Fax (610) 449-9779 Havertown, PA 19083-1106 Email: fenergy@bellatlantic.net</p>	<p><u>Kimmel Energy Associates</u> Elizabeth M. Kimmel PO Box 14 Feasterville, PA 19053 Tel. (610) 389-3072 Fax (215) 357-5631 ekimmel@comcast.net</p>

The Greater Philadelphia Chapter of the Association of Energy Engineers

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Members are welcome to place ads in the Newsletter:
(215) 684-6725: john.zuk@pgworks.com
Business card: \$75.00 a year /\$90 non-members.
Newsletter is a great way to advertise!

FUTURE CITY COMPETITION 2007

The Delaware Valley Engineers Week Council is proud to host the Philadelphia Regional Future City Competition. Schools from throughout the Philadelphia region are working hard on their cities. Teams made of 7th and 8th graders are working with their teaches and engineer mentors to:

- Design a city of the future using Maxis SimCity 3000 software
- Build a working model of a portion of their city using recycles products
- Writing an essay about city planning and design issues.

We need many volunteers for the following opportunities:

- Mentor
- Judge
- Available for the competition
- Willing to do whatever task is needed
- Able to participate this year.

Sign up on line at www.futurecityphilly.org
Call Jennifer Wetzel at 215 573 3935

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volunteer@futurecityphilly.org

Date	Time	Meeting Location	Topic	Host/Co-Host
September 28	Noon to 2PM	Mc Call Field Upper Darby PA	Power Purchasing Strategies PJM Demand Response Program	Haines/Kimmel
October 26	Noon to 2PM	1650 Arch Street Philadelphia	Environmental Protection Agency update	Siddal/
November 16	11am to 6pm	Hilton City Avenue Philadelphia	Building Energy Savings Conference	Clark/Harven/ Lu
December 7	4:00 pm- 10:00 pm	Dave and Busters	Holiday Party	Siddal/Zuk
January 25			LEEDs Discussion – Sandy Wiggins	Clark/?
February 22,	3:30 pm- 8:00 pm		Trade Show	AEE Team
March 29			Gas/Oil Purchasing	Harven/?
April 26			Alternative Fuels and Vehicles	Sanders/Zuk
May 31			Wind Generation (Atlantic City?)	Nazirides/
June 21	8:00 am= 4:00 pm		Golf Outing	Siddal/Loveland
July/ August			No Meetings	