

**The Greater Philadelphia Chapter of the Association of Energy Engineers
Newsletter**

January 2006

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**HAPPY NEW
YEAR!**

**MARK YOUR
CALENDAR:**

**January 19, 2006
Drexel University is
hosting the AEE
meeting!**

Newsletter Editor
Liz Kimmel, AEE
Vice President, Region
1
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**Deadline: newsletter
submissions 28th day
of the month!**

**Published monthly
January-June and
August - December**

UPCOMING MEETING:

WHEN: Thursday, January 19, 2005

WHERE: Culinary School of Drexel University
Academic Building #55 – 6th Floor
NE corner of 33rd and Arch Streets (3 blocks north of Market Street on 33rd)

WHAT: Alternate Energy Programs/Energy Management

TIME: 12 noon to 2:00 PM (**11:30 AM for appetizers and to avoid parking problems**)

PRICE: \$25.00 members, \$30 non members, \$10 Students

POC: Steve Goldberg – PECO (215) 841-6838 steven.goldberg@exeloncorp.com
Deadline: January 16th

Thomas Tuffey, Director of the Clean Energy Center at PennFuture will discuss renewable energy initiatives and programs within Pennsylvania.

Bryon Woodman of Community Energy will discuss wind power and PECO Energy's PECO Wind program that has become one of the largest and fastest growing green power programs in the country.

Who better to learn about energy management than from Randy Haines, AEE Energy Manager of the Year. Randy will be discussing the necessary steps to be successful as an energy manager

Lunch will be prepared by Drexel's culinary school. Past lunch meetings at the culinary school have been fabulous. Appetizers will be served starting at 11:30 AM. So come hungry for a great meal and energy knowledge

There is metered and un-metered street parking in the area, but it is very limited. University of Pennsylvania has a garage at the corner of 34th and Chestnut Street that accepts public parking (limited availability).

A receipt will be given at the door.

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2006 BOARD

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EDITOR'S PAGE: Energy Giant Announced -One of the nation's biggest energy companies will be created when Florida Power and Light (FPL) purchases Constellation Energy!

The new company will have the nation's largest electricity generation portfolio with a capacity of more than 45,000 megawatts. The \$11 billion stock deal gives Constellation additional power to sell through its energy trading business. The combined company will be called Constellation Energy and will have a market capitalization of about \$28 billion, revenue of \$27 billion and total assets of \$57 billion.

A match made in heaven perhaps since FPL has more generation capacity and less peak demand and Constellation is in the opposite position. Mayo Shattuck, CEO of Constellation will become chairman of the new company's board. Lewis Hay CEO of FPL will become the CEO of the new Constellation Energy.

Some jobs will be cut since after the merger there will be about 21,750 employees serving more than 5.5 million electricity customers in Florida and Maryland and 625,000 natural gas customers in Maryland.

It is expected that rates paid by consumers will fall over time but not before 2008 according to Lewis Hay current FPL chairman.

Under the terms of the transaction, described as a merger, each share of Constellation Energy held will be converted into 1,444 shares of the combined company while each FPL Group share will be converted into one share of the new company.

FPL shareholders will own 60 percent of the combined company while shareholders of Constellation Energy will own about 40 percent.

Both companies have approved the merger and shareholders are expected to vote on it in the second quarter of 2006. Regulatory approvals will take 9-12 months. 2006 promises to be very interesting for Energy Mangers.

Best wishes for a Happy New Year!

Liz Kimmel, Newsletter Editor

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**GLOBALCON
OFFER**

As a Globalcon 2006 exhibitor, we have an opportunity at **no cost** to you.

Globalcon will be featuring exhibit hall workshops. The workshops are to be conducted by selected Globalcon 2006 exhibitors and are intended to be non-commercial / non-political in nature, and targeted to showcase success stories, applications, problem solving, technology integration, and retrofit/new construction considerations.

The workshops are distinctly different from the fee-based Globalcon conference, and will be offered at no charge to exhibits-only visitors, conference attendees, invited end users, as well as exhibitor-invited guests. Each presentation will be 15-20 minutes (maximum) in duration.

If you are interested, please visit:

<https://www.aeecenter.org/forms/form.html?id=194> to submit an abstract.

ENERGY NEWS

NEW YORK

Committed to being part of the solution to America's energy challenges, The Dow Chemical Company announced a major corporate sponsorship of the Alliance to Save Energy's "The Power is in Your Hands" energy efficiency campaign.

Sharply higher energy prices during the third quarter contributed to dramatic margin calls for several U.S. energy and utility companies, according to a report published by Standard & Poor's Ratings Services, titled "Third-Quarter Energy Price Surge Tests Liquidity Adequacy For U.S. Energy/Utility Companies."

Energy supplier FPL Group Inc. is buying rival power-plant operator Constellation Energy Group Inc. for more than \$11 billion in stock in a deal that would create one of the nation's biggest electricity conglomerates. Shares of power-plant operator Constellation Energy Group Inc. surged on news that Florida power company FPL Group Inc. is in talks to buy Constellation for more than \$11 billion in a deal that would create a huge electricity conglomerate stretching from Maine to Florida.

Constellation Energy (NYSE: CEG) announced that it has named George Vanderheyden, who has managed operations at one of the nation's best-run nuclear facilities, to head its new nuclear program as it implements the business model for rolling out next-generation nuclear technology.

Cinergy (NYSE:CIN) and Duke Energy announced that they have filed with the Public Utilities Commission of Ohio a proposal to resolve all issues related to the Commission's review of the companies' planned merger. They also announced that the Federal Energy Regulatory Commission (FERC) has approved their merger.

CALIFORNIA

To ensure reliable operation of the power grid and adequate availability of power supplies, the California Independent System Operator Corporation (California ISO) Board of Governors approved a plan to increase the bid cap applied to the small amount of energy purchased through the ISO wholesale markets.

The California Public Utilities Commission (PUC) has unveiled its California Solar Initiative, proposing to install 3,000 MW of solar on California homes, businesses, farms, schools and public facilities.

Southern Company President and CEO David Ratcliffe announced that the boards of directors of Southern Company, Savannah Electric and Georgia Power have approved a plan to merge Savannah Electric into Georgia Power.

PENNSYLVANIA




The Pennsylvania Public Utility Commission (PUC) approved a contract between Duquesne Light Company and Duquesne Broadband to permit the initiation of an Internet pilot program across the utility's distribution wires for 2,000 households in Monroeville.



PJM Interconnection has authorized an additional \$464 million in upgrades to the electric transmission system in the 13-state PJM region. To date, transmission investments approved under the PJM plan total nearly \$2 billion.

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<p>Corporate Leader Sponsorships:</p> <p>GLOBALCON 2006 Philadelphia Marriott March 29-30 2006 Sponsorship Opportunities:</p> <p>Platinum - \$10,000 (30 registrations and 100 reduced rate registrations)</p> <p>Gold - \$7,500 (15 registrations and 100 reduced rate registrations)</p> <p>Silver - \$5000 (10 registrations and 100 reduced rate registrations)</p> <p>Bronze - \$2,500 3 registrations and 100 reduced rate registrations)</p> <p>Other sponsors:</p> <p>Opening Session \$1,500 -Coffee Break Sponsor</p> <p>Exhibit Hall - \$1,500 Coffee Service Sponsor</p> <p>Conference Attendee Reception Sponsor (\$5000 or \$10,000) Daily Conference Attendee Luncheon Sponsor Contact Lauren Lake at: 770 447 5083, Ext 211; Lauren@aeecenter.org</p>	<p>Southern Company President and CEO David Ratcliffe announced that the boards of directors of Southern Company, Savannah Electric and Georgia Power have approved a plan to merge Savannah Electric into Georgia Power.</p> <p>NEW JERSEY</p> <p>PSEG and Exelon Corporation filed a series of rebuttal testimonies at the New Jersey Board of Public Utilities in support of the proposed PSEG - Exelon merger.</p> <p>Jersey Central Power & Light (JCP&L) filed a request with the New Jersey Board of Public Utilities (BPU) for an increase in its Non-Utility Generation Clause (NGC), totaling \$165 million, or approximately \$4.08 per month for a residential customer using 500 kilowatt-hours (kWh) of electricity.</p> <p>DELAWARE</p> <p>With a seven-year electric deregulation and rate freeze ending in less than five months, legislators, local governments and electric providers are preparing for what could be significant increases to electric bills. Leaders of the Delaware Electric Cooperative want to separate from the state's utility regulators, a move CEO William Andrew said will give the nonprofit organization flexibility to improve service and save money.</p> <p>CHICAGO</p> <p>On December 5th cold temperatures throughout northern Illinois and the Chicago area pushed ComEd customer electricity usage to a new winter peak yesterday.</p> <p>Consolidated Edison, Inc. (Con Edison) announced it has signed an agreement to sell 100 percent of its wholly owned subsidiary, Consolidated Edison Communications Holding Company, Inc., to RCN Corporation for approximately \$32 million in cash.</p> <p>Exelon announced that John F. Young, currently executive vice president of finance and markets, will also assume the position of chief financial officer.</p> <p>Starting in December electric bills for customers of AEP-PSO, Tulsa's chief power provider, will be about 32 percent higher due to rising natural gas prices.</p>
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 <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>

 <p>AMERADA HESS CORPORATION 1630 South 51st Street Philadelphia, PA. 19143</p> <p>JOSEPH M. CALLAGHAN Senior Account Manager Energy Marketing 215 491 7697 Jcallaghan@hess.com</p>	 <p>Mechanical-Service Contractors <i>Steven A Siddal, Manager -Business Development - 9815 Roosevelt Blvd. Phila. PA. 19114 - (215) 671-7912 (610) 217 7370 Cell</i></p>
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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 GEARS UP FOR 2005 – 2006

The Philadelphia Regional Future City Competition is actively seeking volunteers for this year's program. The program offers 7th and 8th grade students the opportunity to work with their teacher and a practicing engineer mentor. The Regional Competition will be held in January at Villanova. The winning team will represent the Philadelphia region at the national competition in February. Why not volunteer for this exciting program? It will give you an opportunity to share your engineering expertise with middle school students and you will have a lot of fun. Sign up on-line at www.futurecityphilly.org Call or e-mail Jennifer Wetzel, the Volunteer Coordinator, at 215-573-3935
volunteer@futurecityphilly.org.

Cool Roofs Workshop 2006: Approaches for Energy Conservation and Financial Savings

This workshop, which is jointly sponsored by the Environmental Protection Agency, the Energy Coordinating Agency, and Exelon, will address the environmental, economic, and structural benefits of cool roofs for low-slope roofs. Commercial building representatives, energy managers, residential real estate representatives, roofing contractors, roofing consultants, and anyone else who could benefit from learning about cool roof technologies is welcome to attend. For registration information and to view the agenda please see: <http://www.epa.gov/region03/innovation/coolroof.htm>.
Stephanie Lamster Environmental Protection Specialist
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Date	Time	Lunch Location	Meeting Location	Topic	Host/Co-Host
Thursday 11/17/05	8:00- 10:00	McCall Field	McCall Field	Fred Schoemborn/Energy Star Program	Mike Sanders Steve Goldberg and Steve Boyle
Thursday 12/1/05	4:00- 7:00	Fox & Hound	Fox & Hound, King of Prussia	Holiday Party	Steve Siddal/John Zuk; Joe and Lou
Thursday 1/19/06	12:00- 2:00	Drexel	Drexel	Alternate Energy Program and Energy Manager Career Discussion (Randy)	Jim Harven, Hans Green Steve Goldberg
2/23/06	3:30- 8:00	TJU Alumni Hall	TJU Alumni Hall	Product Fair	AEE TEAM
Wednesday and Thursday 3/29-3/30	All day	Convention Center	Convention Center Philadelphia	GLOBALCON	Liz and Dan
Thursday 4/27/06	3:30- 8:00	McCall Field	McCall Field	Deregulation/Energy Update	Steve G and Mike
Thursday 5/25/06	10:00- 2:00	Harrisburg ?	Harrisburg ?	Fuel Cell Leeds Bldg	Jim Harven Randy Haines
Thursday 6/22/06	8:00- 4:00	Mainland	Mainland CC	Golf Tourney	Steve Siddal, John, Lou
July/August			NO MEETINGS		