

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

February 2007

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**MARK YOUR
CALENDAR:**

**February 22nd is the date
for the next AEE
Meeting!**

**GLOBALCON
Atlantic City
April 4-5, 2007**

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

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

**WEBSITE:
www.aeecenter.org**

Trade Show!

WHAT: Trade Show and Job Fair

WHEN: February 22, 2007

WHERE: Jefferson Alumni Hall, Philadelphia Pa.

TIME: 3:30 to 7:30PM

CONTACT: Theresa.Kowalik@pgworks.com; fax 215 664 6721

RECEIPT AT THE DOOR

COST: \$10; STUDENTS \$5

HOT AND COLD BUFFET – BEER, WINE AND SODA

[Equipment and Vendor Displays:](#)

[Accu Scan](#)

[Ashland Specialty Chemical Company](#)

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[Commercial Utility Consultants](#)

[Delaware Valley Green Bldg. Council](#)

[Delval Equipment Corp](#)

[Drexel University](#)

[Eaton Electrical](#)

[Electro technology Applications Center at Northampton Community College](#)

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[Kimball Resources](#)

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[National Energy Control Corporation](#)

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GOVERNOR RENDELL UNVEILS ENERGY INDEPENDENCE STRATEGY

Citing the urgent need to cut energy costs, move toward energy independence and stimulate the economy, Governor Rendell released his Energy Independence Strategy. The plan will push Pennsylvania into the top tier of states taking steps to cut consumer energy costs, and significantly expand the alternative fuel, clean energy and conservation sectors. "This plan will cut Pennsylvanians' energy bills by \$10 billion over the next 10 years," said Governor Rendell. The enactment of new laws, regulatory policies and the creation of the \$850 million Energy Independence Fund will enable Pennsylvania to achieve three key goals:

- Save consumers \$10 billion in energy costs over the next 10 years;
- Reduce Pennsylvania's reliance on foreign fuels and increase Pennsylvania's clean energy production capacity
- Expand Pennsylvania's energy production and energy technology sectors to create more jobs.

The **first priority** for this new energy initiative is to cut energy costs for Pennsylvania consumers. Electric generation rates can swing wildly during the course of the day and at different times of year. A recent study by PJM, the independent electricity grid operator that covers Pennsylvania, showed that **cutting power consumption by just 3-5 percent during peak rate periods saves consumers across the state up to \$230 million annually.** "At times of high energy use, such as the hottest days of the summer and coldest days of the winter, energy costs can be five- to seven-times higher than during times of moderate use," said Governor Rendell. The Governor's initiative enables consumers to be smart about energy use by providing new tools to empower consumers and \$244 million in new funding to help them install state-of-the-art energy technology.

- Smart Metering
- Increase Household Energy Efficiency and Lower Bills
- Make Pennsylvania Businesses More Competitive
- Reduce Reliance on Foreign Sources of Fuel
- Expand Pennsylvania's Energy Production Companies/Jobs

Energy Independence Fund will:

- Accelerate the role that Pennsylvania companies play in the production of clean energy components and systems
- Initiate Clean Energy Economic Development Projects
- Keep Energy Jobs Close To Home

Energy Independence Fund will be used to support the following clean energy activities:

- \$244 million – Household appliance rebates and PA Sunshine Grants
- \$106 million - Venture capital, grants and loans for expansion of energy companies
- \$500 million - Clean energy projects and development or equipment costs

The Energy Independence Strategy as a whole is expected to save consumers nearly 15 times more than the cost of this fee. The average residential customer is expected to save \$73 per year, the average commercial customer \$425 per year, and the average industrial customer \$10,500 per year.

2007 BOARD

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GLOBALCON 2007

Atlantic City NJ

**Atlantic City
Convention Center**

**Energy, Power &
Facility Management
Strategies and
Technologies**

**GLOBALCON reaches
a cross section of key
industry decision
makers.**

**AEE is pleased to
bring the exposition
and conference to
Atlantic City. The
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and sellers for the ex
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customer face-to-face
interaction, training,
industry networking
and sales lead
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you to discuss
projects with key
decision makers and
reach both new and
existing customers in
an exciting and
motivating
environment.**

www.aeecenter.org/globalcon

ENERGY NEWS:

NEW YORK

New York State Public Service Commission announced that New York State Electric & Gas Corporation (NYSEG) will refund electric customers approximately \$77 million through bill credits beginning March 1, 2007.

Public Service Commission should not approve the pending buyout of KeySpan by National Grid unless the British company commits to cleaning up Long Island's dirty power plants, maintaining service levels and reducing the cost burden on local ratepayers, some ratepayers said at the first in a series of PSC hearings on the merger recently.

DELAWARE

Delmarva Power and state officials have until the end of February to decide who could be a new electric provider in Delaware.

PENNSYLVANIA

Exelon Nuclear produced 131.4 billion kilowatt hours in 2006, the most electricity ever produced by the nation's largest fleet of nuclear energy plants.

Department of Environmental Protection approved Conectiv Energy's air plan proposal. The decision will allow the company to construct a combined cycle electric generating facility in Peach Bottom Township, York County.

Under a revolutionary pricing scheme being promoted by the electric utility industry, consumers would pay different and sometimes much higher rates for electricity based on the time of day, according to testimony at a Pennsylvania Public Utility Commission hearing.

Pennsylvania Public Utility Commission (PUC) Chairman Wendell F. Holland appointed treasurer of the National Association of Regulatory Utility Commissioners

FirstEnergy Solutions, an Akron, Ohio, company and a subsidiary of FirstEnergy Corp. recently signed an agreement to supply electricity to VEKA, Inc., the world's largest producer of vinyl window and door profiles. The company has facilities in Fombell, Pennsylvania, north of Pittsburgh.

Fitch Ratings has affirmed the 'BBB+' Issuer Default Ratings (IDR) and all other outstanding ratings of Exelon Corp. (EXC) and its subsidiaries Exelon Generation Co., LLC (Exgen) and PECO Energy Co. (PECO).

Exelon Nuclear produced 131.4 billion kilowatt hours in 2006, the most electricity ever produced by the nation's largest fleet of nuclear energy plants.

CALIFORNIA

California utility companies are making "steady progress" toward their 2010 deadline for getting more energy from renewable sources such as wind turbines and solar panels, a government agency said recently.

San Diego Gas & Electric (SDG&E) last week issued requests for proposals (RFPs) from businesses whose technologies can help reduce peak electricity demand through permanent load shifting.

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OTHER NEWS

At the National Press Club meeting, Peter A. Darbee, Chairman, CEO and President of PG&E Corporation urged federal policy makers to take a series of actions aimed at accelerating the nation's efforts to advance clean energy solutions and address global warming.

General Electric Financial Services received from state regulators a one-year extension to buy Calpine Corp. additional time to begin construction of a controversial power plant near Waterbury-Oxford Airport.

EnerNOC, Inc., a leading provider of technology-enabled demand response solutions, announced that it has delivered 92 megawatts (MW) of new demand response capacity in Connecticut, exceeding its contract obligation of 75 MW.

SuperVision Entertainment Inc. -- Wal-Mart, the world's biggest retailer, is experimenting with a green building strategy aimed at cutting stores' energy usage.

VIRGINIA

Dominion Virginia Power has long supported energy conservation efforts, but no realistic energy efficiency program or readily available technologies will prevent the need for construction of a new 500-kilovolt electric transmission line for Northern Virginia by 2011.

Plan to put electric rates under limited state regulation was criticized for offering strong profits to Dominion Virginia Power and little protection to consumers against rising bills.

Left on the outside looking in if Virginia restores regulation to the power industry will be competitive suppliers who had hopes of taking business away from local utilities.

West Virginia

Allegheny Energy, Inc. announced that the Public Service Commission of West Virginia has approved the company's revised plan to finance the installation of flue gas desulphurization equipment (scrubbers) at its Fort Martin Power Station near Maidsville, W.Va.

FEDERAL

Creation of a Strategic Energy Efficiency and Renewable Reserve, as approved by the U.S. House of Representatives, could provide critical and significant funding to advance energy efficiency and create a sustainable energy future for our country.

A bipartisan group of Senators and Representatives have re-introduced the 25x'25 House and Senate Concurrent Resolutions calling for a new national renewable energy goal: 25% of the nation's energy supply from renewable sources by 2025.

OHIO

For about a decade, American Electric Power (AEP) collected nearly \$100 million more from customers for maintenance of its distribution systems than it spent for that purpose, the Office of the Ohio Consumers' Counsel will say in testimony to be filed with the Public Utilities Commission of Ohio (PUCO).

CHICAGO

Consolidated Edison, Inc. (Con Edison) (NYSE: ED) reported 2006 earnings of \$737 million or \$2.96 a share, compared with earnings of \$719 million or \$2.95 a share in 2005.

ComEd announced the expansion of its Residential Real-Time Pricing Program, affording customers an effective bill management tool by providing participants hour-to-hour electricity pricing to help them manage their energy consumption and lower their monthly bills.

PJM

PJM projects 16.7% power-demand growth in decade

Peak power demand will grow 16.7 percent in the region means electricity demand will grow 22,861 megawatts which is enough to supply nearly 18.3 million homes.

Peak electric use will grow 1.5% annually in PJM's Mid-Atlantic Region.

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2007 AEE Meeting Schedule

Date	Time	Meeting Location	Topic	Host/Co-Host
January 25 th	Noon		LEED's Discussion – Sandy Wiggins	Clark
February 22,	3:30 pm- 8:00 pm	TJU Alumni Hall Philadelphia	Trade Show	AEE Team
April 4-5		Atlantic City	Globalcon 2007	Corporate AEE
April 26	12:00 pm		Alternative Fuels and Vehicles	Sanders/Zuk
May 31	12:00 pm		Wind Generation (Atlantic City?)	Nazirides/
June 21	8:00 am= 4:00 pm		Golf Outing	Siddal/Loveland
July/ August			No Meetings	

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Business card: \$75.00 a year /\$90 non-members.
 Newsletter is a great way to advertise!

