

**What's INSIDE**

Next Meeting  
Announcement Page 1

Board Members Page 2

Editor's Corner Page 2

Upcoming events  
Page 6

Energy News Page 3-4

Ads  
Page 5-6

**MARK YOUR  
CALENDAR:**

**GLOBALCON  
3/29/06**

**Newsletter Editor**

Liz Kimmel, AEE Vice  
President, Region 1  
(610) 389 3072  
[ekimmel@comcast.net](mailto:ekimmel@comcast.net)

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

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

**AEE CHAPTER NEWSLETTER**

**MARCH AEE MEETING ANNOUNCEMENT:**

**CHAPTER AEE BREAKFAST MEETING AT GLOBALCON**

WHEN: WEDNESDAY, MARCH 29<sup>TH</sup> 2006

WHAT: STEPS TO BE SUCCESSFUL AS AN ENERGY MANAGER

WHERE: GLOBALCON – PHILADELPHIA CONVENTION CENTER

TIME: 7:30AM TO 9:00AM

PRICE: \$25.00 MEMBERS; \$10 STUDENTS

POC: LIZ KIMMEL – [ekimmel@comcast.net](mailto:ekimmel@comcast.net) – (610) 389 3072  
Energy Connect Inc. (ECI)

**Deadline is March -24<sup>th</sup>**

Please join us for a combined Philadelphia/South Jersey AEE Breakfast meeting and help kick off “Globalcon” in Philadelphia on March 29<sup>th</sup> and 30<sup>th</sup>.

A hot and cold buffet breakfast will be served so please plan to arrive by 7:30AM! Who better to learn from about energy management then from Randy Haines, Energy Manager for Thomas Jefferson University Hospital and a former AEE Energy Manager of the Year. Randy will be discussing the necessary steps to be successful as an energy manager. Al Thurman, President of AEE will help us to host the meeting and Al will give us an update on what is happening at National.

Free EXPO admission ticket will be available to all attendees. Expo hours are from 10am-4 pm on March 29<sup>th</sup> and 10 am – 2 pm on March 30<sup>th</sup>.

Attendees at GLOBALCON 2006 will have the opportunity to learn from leading authorities The new tools that they will need to keep their companies' profitability high as utility costs rise.

RECEIPTS WILL BE PROVIDED AT THE MEETING!

**The Greater Philadelphia Chapter of the Association of Energy Engineers  
Newsletter  
March 2006**

**2006 BOARD**

**President**

Steven A. Siddal -Fluidics  
(215) 671-7912  
[Ssiddal@fluidics.com](mailto:Ssiddal@fluidics.com)

**Vice President, Randy Haines  
(215) 503- 6099**

[Randolph.Haines@jefferson.edu](mailto:Randolph.Haines@jefferson.edu)

**Treasurer -John Zuk, PGW**

(215) 684-6725  
[John.zuk@pgworks.com](mailto:John.zuk@pgworks.com)

**Sec. -Jim Harven**

Constellation Energy  
(215) 390-2080  
[james.l.harven@constellation.com](mailto:james.l.harven@constellation.com)

**Education/Awards**

William T. Stewart  
Stewart Associates  
(610) 892- 9850  
[STEWARTASSCT@aol.com](mailto:STEWARTASSCT@aol.com)

**Membership**

Ed Berger, UGI  
[eberger@ugi.com](mailto:eberger@ugi.com)

**Board at Large**

James Clark  
Clark Energy Inc.  
(610) 325-9229  
[ja11clark@aol.com](mailto:ja11clark@aol.com)

Hans Greene, Drexel  
[h.greene@drexel.edu](mailto:h.greene@drexel.edu)

Stephen Boyle,  
(215) 875-6900X148  
[sboyle@tpiphilly.com](mailto:sboyle@tpiphilly.com)  
Louis Nazirides

Siemens  
[Louie.nazirides@siemens.com](mailto:Louie.nazirides@siemens.com)

**Steve Goldberg,  
PECO 215 841-6838**

[Steven.Goldberg@exeloncorp.com](mailto:Steven.Goldberg@exeloncorp.com)

Mike Sanders, Sunoco 215 339-7111

[mpsanders@sunocoinc.com](mailto:mpsanders@sunocoinc.com)

Robert P. Scanlan  
Herman Goldner  
215 492 6871

Tingang Lu, Siemens  
(215) 654-8040  
[Tingang.lu@siemens.com](mailto:Tingang.lu@siemens.com)

**Past President:**

Joseph Smith, (215) 684-6757  
[joseph.smith@pgworks.com](mailto:joseph.smith@pgworks.com)

**EDITOR'S PAGE: High Energy Prices are on the Way - Now for the good news**

The good news is that Demand Response Resources are Growing and continue to play a significant role in meeting electric energy needs. Demand response resources are helping to meet the needs for backup reserves on the power grid.

Customer-owned assets, that can be managed to reduce loads during peak hours in return for financial incentives, are in demand. Price response programs, also known as economic programs, are a second type of demand response programs where participants receive either a better rate or earn a credit on their electric bills.

Demand Response resources for commercial and industrial customers include reducing lighting, adjusting operations of air conditioning systems and shutting down production equipment and production lines. Standby emergency generation is another type of demand response resource.

Results from three ISOs from 2005 show increased activity. PJM economic load reduction programs nearly doubled from reductions in 2005 of 113,000 MWh as compared with 56,000 MWh reductions taken in 2004 by PJM participants. PJM estimates that demand response capacity could provide up to 7.5% of its summer peak. NYISO has the second highest level of demand response resources available and hit a summer peak last July of 31,741 MW. ISO-NE reached a peak of 26,922 MW in July 2005 and demand response resources were equivalent of 1.7% of their system peak.

**Ancillary Services and PJM and ISO-NE**

PJM is planning to allow demand resources to provide synchronized reserve and regulation service to reduce wholesale costs (and ultimately retail electric rates) by reducing the need to keep central generating stations operating and available to provide these same services.

Demand resources will be permitted to supply 25% of regulation service requirements. The term Synchronized Reserve, previously called Spinning Reserve, reflects the ability to meet reserve requirements by demand response as well as by generators.

ISO-NE is also expanding their use of demand response resources in reserve markets with a pilot program that will allow up to 50MWs participation in the reserves market.

Contact Liz Kimmel for further information.

GLOBALCON 2006

Opening Session: State of the Industry

Chair: Liz Kimmel, Director of Business Development, ECI

Welcome – Al Thurman  
Executive Director AEE

Natural Gas and Fuel Oil  
Outlook – Deborah Lenny  
Amerada Hess

The National Energy Plan:  
What's Ahead – Kateri  
Callahan, President  
Alliance to Save Energy

\$10 Million Financial  
Incentives for Clean Energy  
Projects – Kathleen McGinty  
Secretary, PA DEP

[Track 1 – Energy Outlook](#)

[Track 2 – Innovative Energy  
Management Solutions](#)

Metering and Submetering  
3-30-06 Chair Randy Haines  
Thomas Jefferson University

Energy Efficiency Technologies  
3-30-06 – Chair James Clark,  
Clark Energy Inc.

[Track 3 – Green Energy](#)

[Track 4 – Demand Response](#)

Effective DSR Load Shedding  
Measures for Participation in  
DSR Programs  
3-29-06 – Liz Kimmel ECI

**ENERGY NEWS:**

**PENNSYLVANIA**

**FPL Energy, LLC, a subsidiary of FPL Group, Inc. said that its wind farms continue to help meet the growing need for pollution-free electricity in Pennsylvania while providing new economic opportunities for local communities and the state.**

**Governor Edward G. Rendell announced the investment of \$3.7 million in Alternative Fuel Incentive Grants to help reduce Pennsylvania's dependence on imported oil, improve environmental quality and foster economic development by encouraging the deployment of innovative energy.**

**PPL Corporation reported 2005 earnings per share of \$1.77. Excluding unusual charges totaling \$0.31 per share, 2005 earnings from ongoing operations were \$2.08 per share, an increase of 11 percent over 2004. Customers of PPL Electric Utilities will see a roughly 5 percent increase in their bills following a rate-hike approval by the Pennsylvania Public Utility Commission, officials said.**

**NEW YORK**

**PG&E Corporation (NYSE: PCG) declared the first quarter 2006 regular cash dividend of 33 cents per share on the Corporation's common stock. The dividend is payable on April 15, 2006, to shareholders of record on March 31, 2006.**

**Ambient Corporation, a leader in Broadband over Power Lines (BPL) technology solutions, announced, along with Consolidated Edison (NYSE: ED) and the New York State Energy Research and Development Authority (NYSERDA), that they have finalized and signed the contract, previously announced, to provide funding by NYSERDA for enhancing Ambient's BPL pilot in Westchester County, New York. Pepco Energy Services, a subsidiary of Pepco Holdings, Inc. (NYSE: POM) and a leader in supplying renewable electricity in the mid-Atlantic region, announced that it has been awarded a contract by the U.S. General Services Administration (GSA) to supply renewable power to the Statue of Liberty, Ellis Island, operated by the National Park Service, and several other GSA owned and operated federal facilities in northern New Jersey.**

**OTHER**

**Microfield Group, Inc. ("Microfield") (OTCBB: MICG) announced that its subsidiary EnergyConnect, Inc. ("ECI"), has expanded its services into New England. Services to northeastern regional grid operator ISO-New England were initiated by adding state government buildings in Massachusetts as new participants in the ECI portfolio. Its wholly owned subsidiary, Christenson Electric, Inc. ("CE"), has contracted with PPM Energy to provide the Electrical Collection system for the Big Horn Wind Farm project near Bickleton, Washington**

The Greater Philadelphia Chapter of the Association of Energy Engineers  
Newsletter

March 2006

MORE ABOUT  
GLOBALCON

Seminars:

Three-Day Seminars  
March 27-29<sup>th</sup>

The Theory and Practice  
of Distributed  
Generation and Onsite  
CHP

Fundamentals of  
Building Commissioning

Fundamentals of Buying  
and Selling Energy

Fundamentals of  
Measurement and  
Verification

Two-Day Seminars (28-  
29th)

Creating a Sustainable  
Energy Management  
Program

Fundamentals of  
Lighting Efficiency

Optimizing HVAC  
Performance

One and ½ day Seminar  
The Energy Policy Act of  
2005

Call 1 770 925 9633 for  
more information

**Kansas City Power & Light (KCP&L), a subsidiary of Great Plains Energy (NYSE:GXP), filed requests with the Missouri Public Service Commission (MPSC) and the Kansas Corporation Commission (KCC) to increase rates for electric service for the first time in 20 years.**

**The nuclear divisions of FPL Group and Constellation Energy could be combined in the companies' planned merger, the two utility companies said in an SEC filing.**

**Georgia Power asked the state Public Service Commission for permission to bill its customers about \$51 million in planning and licensing costs for a new nuclear plant in Georgia -- even though the company says it still has not decided to build one.**

**Allegheny Energy, Inc. (NYSE:AYE) announced that its generation supply subsidiary, Allegheny Energy Supply Company, LLC, was a successful bidder in the recent Standard Offer Service solicitation to provide power for certain small commercial and industrial customers in Maryland**

**Florida Power & Light presented to the Florida Public Service Commission its Storm Secure Plan, a five-point program to substantially strengthen the company's electric grid against future hurricanes.**

**TEXAS**

**Suggesting that millions of Texans pay too much for electricity, the state's top utility regulator has called for rate cuts before the state loses its pricing authority altogether in 2007.**

**Constellation Energy announced that its subsidiary, Constellation NewEnergy, has offered its strong support to a Public Utility Commission of Texas report that finds the state's residents are saving significantly more on their electric bills in a competitive market than they would have under the prior regulated rate structure.**

**DELAWARE**

**The impending jump in electric rates has sparked Lt. Gov. John C. Carney Jr. to ask the state Public Service Commission to consider phasing in Delmarva Power's proposed 59-percent rate hike over several years.**




**The burning issue of escalating electric rates might fuel a debate on revisiting a 2000 state law that effectively bans waste incineration in Delaware.**



**NEW JERSEY**

**This is the time for behind-closed-door battles. Since Public Service Enterprise Group announced 14 months ago that it had agreed to a \$12.8 billion sale to Exelon Corp., opponents have been attempting to derail the historic sale or at least modify the terms.**

**New Jersey proved what Illinois utility executives and consumer advocates had predicted: The price of electricity is going to go up, a lot.**

**Armed with more evidence that a controversial power auction recently approved by state regulators will lead to big rate hikes for ComEd and Ameren customers, the Citizens Utility Board (CUB) called on Illinois to change course and repeal the plan approved in January.**

 <p><b>McNees Wallace &amp; Nurick LLC</b> attorneys at law</p> <p><b>RICHARD T. GILKEY CEM, CDSM</b> ENERGY MANAGEMENT SPECIALIST</p> <p>24 PATRIOT LANE • THORNTON, PA 19373          TEL: 484.840.1412 • FAX: 484.840.1413 • RGILKEY@MWN.COM  <a href="http://WWW.MWN.COM">WWW.MWN.COM</a></p>	<p><b>M A J O R  A C C O U N T S</b></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"> <li>• Initiate the gas service turn-on process for all large commercial and industrial customers</li> <li>• Act as the primary point of contact for all customer inquiries</li> <li>• Offer services that could assist you in managing your assets more effectively and provide you with energy information</li> <li>• Keep you informed of emerging technologies and industry trends</li> <li>• Develop energy solutions with operational and economic advantages</li> </ul> <p>the  <b>Natural Energy Choice</b>          for Philadelphia</p> <p>Philadelphia Gas Works          800 W. Montgomery Avenue          Philadelphia, PA 19122          Phone: (215) 684-6671          Fax: (866) 372-8950  <a href="mailto:MajorAccounts@pgworks.com">MajorAccounts@pgworks.com</a>  <a href="http://www.pgworks.com">www.pgworks.com</a></p>
 <p><b>CLARK ENERGY, INC.</b>          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><b>TECH REPS INC.</b>          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"> <li>&gt; Expansion Joints</li> <li>&gt; Steam Trap Monitoring Services</li> <li>&gt; <b>Complimentary Insulation Blanket Energy Surveys for Delval/AEE</b></li> </ul>	<p><b>JONATHAN S WOHL</b>          Director of marketing</p>  <p><b>TRIGEN - PHILADELPHIA ENERGY CORPORATION</b>          2600 CHRISTIAN STREET          PHILADELPHIA, PA 19146</p> <p>(215) 875-6900 EXT. 169          Fax: (215) 875-6910          Internet: <a href="mailto:jwohl@tpiphilly.com">jwohl@tpiphilly.com</a></p>
<p><b>Falvey Energy Engineering, P.C.</b></p> <hr/> <p><b>Terence P. Falvey, P.E.</b>          President</p> <p>142 Decatur Road          Phone: 610-449-4988; Fax (610) 449-9779          Havertown, PA 19083-1106          Email: <a href="mailto:fenergy@bellatlantic.net">fenergy@bellatlantic.net</a></p>	<p><b><u>Kimmel Energy Associates</u></b>  <b>Elizabeth M. Kimmel</b>          PO Box 14          Feasterville, PA 19053          Tel. (610) 389-3072          Fax (215) 357-5631  <a href="mailto:ekimmel@comcast.net">ekimmel@comcast.net</a></p>

**The Greater Philadelphia Chapter of the Association of Energy Engineers  
Newsletter  
March 2006**

**The AEE Greater Philadelphia Chapter 2004-2005 Meeting Schedule**

Members are welcome to place ads in the Newsletter:

(215) 684-6725: [john.zuk@pgworks.com](mailto:john.zuk@pgworks.com)

<b>Date</b>	<b>Time</b>	<b>Lunch Location</b>	<b>Meeting Location</b>	<b>Topic</b>	<b>Host/Co-Host</b>
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		

**Business card: \$75.00 a year /\$90 non-members.**

**Newsletter is a great way to advertise!**

 <p>AMERADA HESS CORPORATION 1630 South 51<sup>st</sup> Street Philadelphia, PA. 19143</p> <p><b>JOSEPH M. CALLAGHAN</b> Senior Account Manager Energy Marketing 215 491 7697 <a href="mailto:Jcallaghan@hess.com">Jcallaghan@hess.com</a></p>	 <p><b>Mechanical-Service Contractors</b> <i>Steven A Siddal, Manager -Business Development - 9815 Roosevelt Blvd. Phila. PA. 19114 - (215) 671-7912 (610) 217 7370 Cell</i></p>
---	--