

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

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**MARK YOUR
CALENDAR:**

May Meeting is 5/18

**GO GOLF AEE!
June 22nd**

**Continuing Education
Course (CEM)
May 16, 2006**

Newsletter Editor

Liz Kimmel, AEE Vice
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**Deadline for newsletter
submissions is 28th day
of month!**

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APRIL AEE MEETING ANNOUNCEMENT:

WHEN: Thursday May 18th

WHAT: Solar Energy

WHERE: McCall Golf & Country Club
201 N. Lynn Blvd
Upper Darby PA 19082

TIME: Noon to 2 pm

PRICE: \$25 members; \$30 non members and \$5 STUDENTS

POC Jim Harven 215-390-2080 james.l.harven@constellation.com

Deadline: May 15th

RECEIPTS WILL BE PROVIDED AT THE MEETING!

Solar energy has been a source of energy that has been exploited for centuries. In the 1970's solar energy was popular for space and water heating, but its popularity waned as the cost of thermal fuels dropped in the 1980's and 1990's. Now with new technology and much higher gas, oil and electric prices, solar energy is back! Please join us as Al Lutz, PE, CEM, LEED AP discusses some of the newer trends in solar electric and thermal technologies. The current state of the technology, product developments, mounting methods, and tracking systems will be discussed. Important financial drivers, such as accelerated depreciation, the alternative energy / renewable energy credit markets, and the current state of alternative energy rebate / incentive programs will be highlighted.

Information on how energy consultants and ESCOs can become more involved and make solar technologies standard in their offerings will be offered and will lead to an open discussion of the possible options open to the industry.

Bonus for golfers!!! Anyone who wants to golf after the meeting can do so. Steve Goldberg, PECO Energy, has made accommodations so that anyone who wants to, can get on the course for \$30. It's a walking course and pull carts can be rented for a nominal fee. When making reservations, please indicate if you would like to golf afterwards.

[Al's Bio is on Page 3!](#)

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2006 BOARD

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Tingang.lu@siemens.com

Past President:
Joseph Smith, (215) 684-6757
joseph.smith@pgworks.com

WHEN: June 22, 2005
WHERE: Mainland Golf Course, Mainland PA
(Lansdale exit- NE extension - PA Turnpike)
TIME: Shotgun Start -Registration at 8:15 am Sharp!
PRICE: \$70.00 per golfer
POC: Steve Siddal (Fluidics) 215 671-7912
ssiddal@fluidics.com

Make checks payable to AEE Delaware Valley Chapter by June 16th and mail to Steven Siddal, 101 Chamberlain Circle, North Wales, PA 19454

Shotgun start with everyone teeing off at the same time. Registration starts at 8:15 am. The format will be Scramble (Best-Ball). Cost includes:

- Cart and Green Fees
- Hot and cold buffet w/salads
- Cold beverages (beer, soda, etc.)
- Awards
- Door Prizes
- Special Cash Prize drawing for one lucky guest/friend of a vendor

WHEN: Tuesday, May 16, 2006
WHAT: Continuing Education Course - Combustion Education in a Class By Itself
WHERE: Mc Call Golf and Country Club
201 N. Lynn Blvd
Upper Darby, PA 19082
<http://www.meetatmccall.com>
TIME: All Day
PRICE: \$450.00
POC: John Link Institute Administrator
(918) 234-5710
www.johnzinkinstitute.com

Deadline is May 5th

**The Greater Philadelphia Chapter of the Association of Energy Engineers
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Monday, May 1, is the deadline for submitting scholarship applications and recommendation forms.

Each chapter may send up to six nominations to the Scholarship Committee:

James P. Waltz,
P.E., C.E.M.,
A.C.F.E.
Chair, AEE
Scholarship Program
1729 Creek Road
Livermore, CA 94550

You may find more information on the AEE Foundation Scholarship program by visiting <http://www.aeecenter.org> and following the "AEE Foundation" link on the bottom left hand side or by visiting <http://www.aeecenter.org/foundation/body.htm>. Please feel free to contact:

Mary Elise Herald
Program Director
Association of
Energy Engineers
4025 Pleasantdale
Road, Ste. 420
Atlanta, GA 30340
USA
770.447.5083 ext.
221
770.446.3969 fax

Continuing Education Course

The course will cover the science of safe operation and the art of troubleshooting fired equipment. An in-depth understanding of the latest combustion technologies and techniques to improve efficiency, insight into how air and fuel variability affect burner performance and emissions, and the knowledge to accurately evaluate the economics of replacements and retrofits will be the result.

This course is eligible for 0.8 CEUs (Continuing Education Units)

Sponsored by:

Greater Philadelphia Chapter of the Association of Energy Engineers and PECO Energy.

Contact Mike Sanders at mpsanders@sunocoinc.com or Steve Goldberg at Steven.Goldberg@exeloncorp.com for additional information.

Bio for Al Lutz:

Alfred J. Lutz, PE, CEM is currently President of AJL Resources LLC. He possesses eighteen + years of experience in the energy and water industries. He has a track record of success in increasing profitability and growth while incorporating innovative approaches and cost savings. His areas of expertise include: Energy and Water Efficiency, Design/Specification of Energy Systems, Advanced Metering, Technical Auditing, and Financial Analysis. As a Senior Energy Manager for a major electric utility, Lutz developed and implemented performance based energy service projects for government al and private clients; conducted life cycle costing energy audits which yielded over \$1.5MM in annual savings for the Federal Aviation Administration; and was in charge of training and new product screening. He has also consulted on energy reporting processes to HUD and on solar photovoltaic development projects worth over \$10,000,000. He has identified, analyzed, designed & managed energy saving capital improvements (lighting, chillers, boilers, methane use, cogeneration, energy management systems, variable speed drives, motor systems, ice storage, etc.) in over 100 facilities: universities, offices, hospitals, schools, multi family housing, supermarkets, wastewater treatment plants, as well as in industries encompassing plastics, glass, and food processing. He holds a BS in Engineering from Pennsylvania State University and an MS in Energy Management and Policy from the University of Pennsylvania; certifications include Professional Engineer licensure and Association of Energy Engineers (AEE) Certified Energy Manager status. Published works include "Economic Opportunities in Wastewater Treatment", presented at the World Energy Congress 2003.

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**GREEN BUILDING
INITIATIVE (GBI):**

Look for GBI at these
upcoming events:

[The Concrete Industry's
Strategic Development
Council Session #19
Niagara on the Lake,
Canada](#)

June 8 – June 10

[American Institute of
Architects \(AIA\) National
Convention & Design Expo
Los Angeles, CA](#)

June 25 – June 27

[BOMA International's 2006
North American
Commercial
Real Estate Conference &
The Office Building Show
Dallas, TX](#)

Mark your Calendar

The Association of Energy Engineers is planning its annual conference and expo "Energy Action Plan for California" at the Energy Resource Center, Downey, California on Thursday, May 18, 2006 from 8:00 AM to 2:00 PM. Over 299 companies from all sectors and dignitaries from throughout Southern California will attend this conference.

Contact Kim Wallace at
kimw@ae2.com

ENERGY NEWS:

PENNSYLVANIA

Exelon's first quarter 2006 consolidated earnings prepared in accordance with GAAP were \$400 million, or \$0.59 per diluted share, compared with earnings of \$521 million, or \$0.77 per diluted share, in the first quarter of 2005.

U.S. Environmental Protection Agency's use of a "cap and trade" to regulate mercury emissions from coal-fired power plants not only will send energy dollars and construction jobs out of Pennsylvania, but it also will make the commonwealth less competitive by discouraging enhancements to in-state energy infrastructure.

University of Pennsylvania announced that it has tripled its purchase of wind energy, ensuring its status as the leading university purchaser of wind-generated power.

PJM Interconnection and a number of its members have filed a settlement agreement with the Federal Energy Regulatory Commission establishing a system of stated rates to recover PJM's administrative costs.

MARYLAND

Amid public confusion over the deal that Gov. Robert L. Ehrlich Jr. struck to delay BGE rate increases, advocacy groups and the city of Baltimore increased their pressure on the Public Service Commission to make its review of the plan and of the pending merger of the utility's parent company with a Florida corporation more transparent

Constellation Energy announced that its subsidiary, Baltimore Gas and Electric Company, has filed a comprehensive rate stabilization plan with the Maryland Public Service Commission (PSC) that would allow BGE's residential electric customers to reduce and defer the pending July 1 rate increase.

NEW JERSEY

New Jersey's \$140 million investment in its Clean Energy Program last year saved enough electricity to power 50,000 homes and enough natural gas to heat 6,100 homes, the Board of Public Utilities said.

PSEG has declared a quarterly dividend of 57 cents per share of common stock for the second quarter of 2006.

South Jersey Resources Group, a wholly owned subsidiary of South Jersey Energy Solutions, has extended its contract to supply fuel management services to FPL Energy Power Marketing, Inc.'s Marcus Hook, PA cogeneration facility.

DELAWARE


Washington Gas Energy Services, Inc. a leading competitive supplier of electricity and natural gas to mid-Atlantic businesses and residential customers, announced a first-of-its-kind residential electricity offer for Delaware customers of Delmarva Power who are facing dramatic rate increases this summer.

OTHER

Short-term electricity markets run by the California Independent System Operator Corporation (California ISO) were stable and competitive for the fourth full year in a row, according to the ISO's state-of-the-market report filed with the Federal Energy Regulatory Commission (FERC).

FirstEnergy, on behalf of its seven electric utility operating companies, has been named a Tree Line USA utility by the National Arbor Day Foundation in cooperation with the National Association of State Foresters for the eighth year in a row.

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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!

Date	Time	Lunch Location	Meeting Location	Topic	Host/Co-Host
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	10:00 – 2:00	Harrisburg LEED Bldg	Harrisburg PA	LEED Building	Ed Berger
Tuesday May 16 th	All Day	Mc Call Field	Mc Call Field	Process Burner Operation Seminar	Mike Sanders
Thursday May 18 th	Noon to 2 pm	Mc Call Field	Mc Call Field	Solar Energy	Jim Harven
Thursday 6/22/06	8:00- 4:00	Mainland	Mainland CC	Golf Tourney	Steve Siddal, John, Lou
July/August			NO MEETINGS		

The AEE Greater Philadelphia Chapter 2006 Meeting Schedule