



# Energy Report

Newsletter for the Central Pennsylvania Chapter of The Association of Energy Engineers

Volume I, Issue V

February 2008

## About the Central PA Chapter:

- Local Chapter meetings held throughout the year (except July & August).
- Monthly meetings generally include a speaker on a "hot" energy topic coupled with a plant tour.
- Network with industry peers.

**We're on the Web!**  
[www.aee-centralpa.org](http://www.aee-centralpa.org)

## Inside this issue:

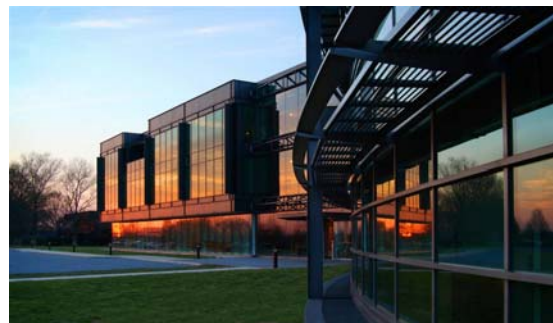
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## MARCH MEETING NOTICE

### AEE Central PA Chapter March 6 Meeting Announcement



Your ideas become reality.



**Corporate Headquarters, Building 701**

**Meeting Topic:** Green Buildings, Armstrong World Industries, Inc. LEED Platinum Corporate Headquarters Building

**Speaker:** James S. Baker, Director of Facilities

**Location:** Armstrong World Industries  
2500 Columbia Avenue  
Lancaster, PA 17604  
Building 401 Reading Room

**Date:** Thursday, March 6, 2008

**Schedule:** 11:30 am – Registration  
11:45 am – Lunch w/ Presentation  
12:30 pm – Optional Building Tours  
1:00 pm – Wrap-up

**Registration:** To register, contact Edward Berger at [eberger@rpaengr.com](mailto:eberger@rpaengr.com) or (610) 374-6144 x257 by 2/29/08  
Registration is \$25 for AEE members or \$30 for non-members  
Registration includes a catered lunch

## What is LEED®?

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

LEED is the nationally accepted benchmark for the design, construction and operation of high performance green buildings. LEED gives building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

## Who Uses LEED?

Architects, real estate professionals, facility managers, engineers, interior designers, landscape architects, construction managers, lenders and government officials all use LEED to help transform the built environment to sustainability. State and local governments across the country are adopting LEED for public-owned and public-funded buildings; there are LEED initiatives in federal agencies, including the Departments of Defense, Agriculture, Energy, and State; and LEED projects are in progress in 41 different countries, including Canada, Brazil, Mexico and India.

Taken from the U.S. Green Building Council Website ([www.usgbc.org](http://www.usgbc.org))

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## Board of Directors

*If you are interested in serving on the Board of Directors or participating in Chapter events, please contact one of the Directors listed below.*

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		Diane Shellenhamer Schaedler Yesco Distribution, Inc.

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## Armstrong Headquarters Receives LEED®-EB Platinum Certification

### Highest Certification for Leadership in Energy and Environmental Design

LANCASTER, PA, June 21, 2007 – Armstrong World Industries' corporate headquarters building has received Platinum Certification from the U.S. Green Building Council under its LEED® Green Building Rating System™ for existing buildings.

Armstrong's headquarters, built in 1998, is only the sixth existing building – and the first outside of California – to achieve the highest certification offered.

Among the building's characteristics that contribute to its environmental performance are its:

- Use of clean, renewable energy – 75% of the building's power is supplied by wind energy, the equivalent of planting 149,000 trees or removing 300 automobiles from the road;
- Reduced energy use – Armstrong's headquarters uses less than 1.5 watts/square foot, half the nationwide average for comparable buildings;
- Reduced water use – The building reduced water use from 800,000 gallons to 420,000 gallons;
- Recycling program – 60% of the building's waste is recycled;
- Maintenance – Environmentally responsible, Green Seal-certified cleaning products are used;
- Improved acoustics – Armstrong acoustic ceilings and sound-absorbing surfaces are used throughout the building;
- Landscaping – Eliminates irrigation and provides erosion control and measured storm-water run-off into adjoining wetlands.

In presenting the award today to Armstrong, USGBC President and CEO S. Richard Fedrizzi said, "Armstrong has demonstrated an unwavering commitment to the environment by achieving [LEED-EB Platinum Certification](#). Armstrong's headquarters is a model for companies seeking to introduce sustainable, environmentally friendly practices into their facilities."

Armstrong Chairman and CEO Michael D. Lockhart said, "Armstrong is committed to environmental sustainability. Modifying our headquarters building to enable it to be platinum certified is a concrete manifestation of that commitment. The Armstrong team that conceived and executed this project demonstrated that we can significantly reduce our impact on the environment by changing the way buildings are designed, built and used."

"Green buildings are a win for our environment, and a win for the bottom line," said Kathleen A. McGinty, secretary of Pennsylvania's Department of Environmental Protection. "By cutting utility costs and providing a healthy workplace for employees, green buildings provide a strong competitive edge. That's why the Governor is pushing green buildings and that's why we are proud to be second only to California in the number of certified green buildings we have in the state. Congratulations to Armstrong on a smart business move, and on leading the way to a green and healthy environment."

USGBC's LEED® Green Building Rating System™ is a voluntary national standard for developing high-performance, sustainable commercial-use buildings. For Platinum Certification, Armstrong's headquarters building was evaluated for site sustainability; water efficiency; energy efficiency; use of materials and resources; indoor environmental quality; and design innovation.

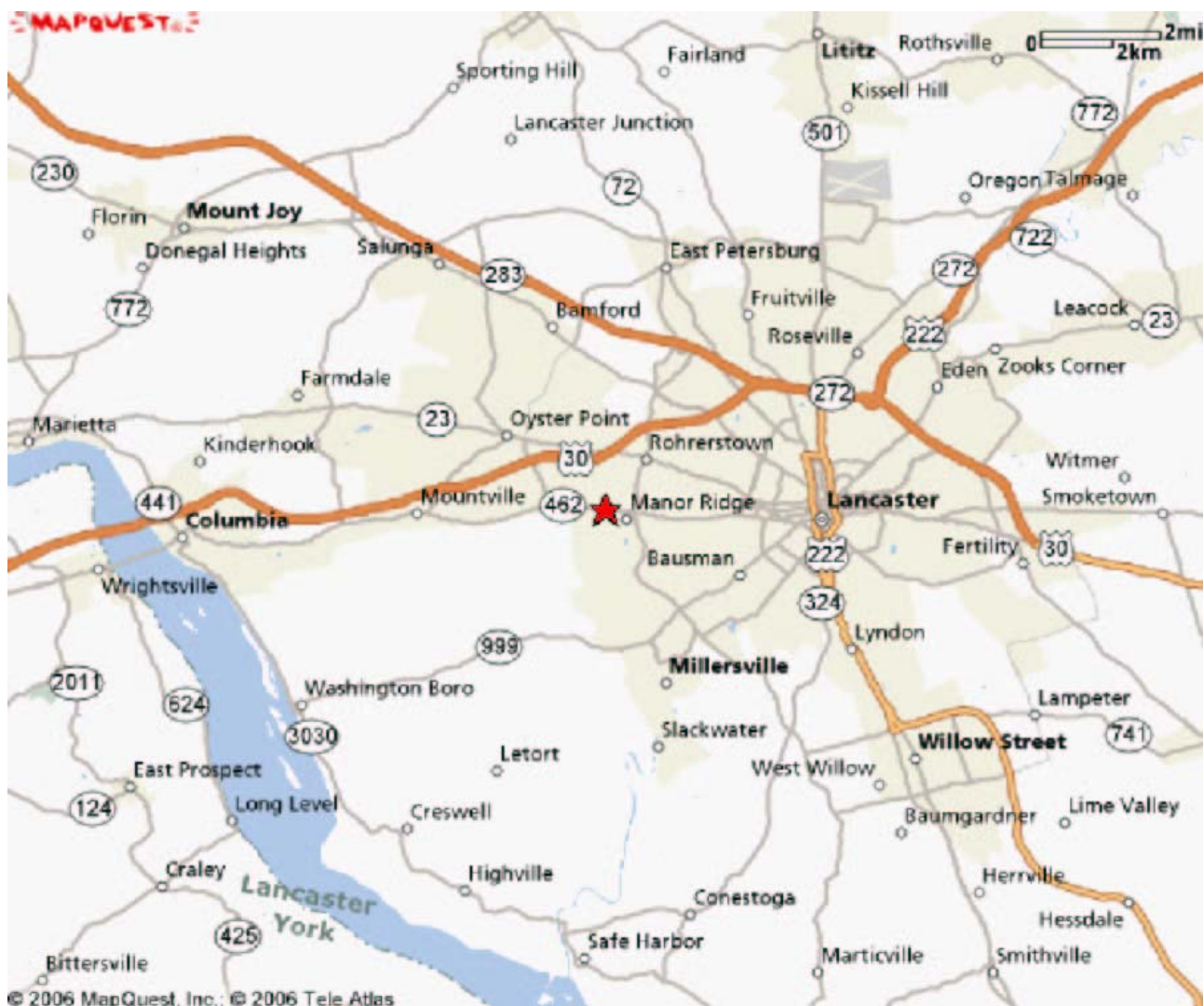
Armstrong's headquarters, located on a 225-acre campus, is a three-story glass and steel structure with workspaces for 235 employees of the country's largest manufacturer of resilient and hardwood flooring and ceiling systems.

For more information and tips, visit [www.armstrong.com](http://www.armstrong.com) or call 1-800-527-5903.

## Directions to the March Meeting—Armstrong World Industries

Armstrong World Industries R and D Campus is located on 2500 Columbia Avenue, Lancaster.

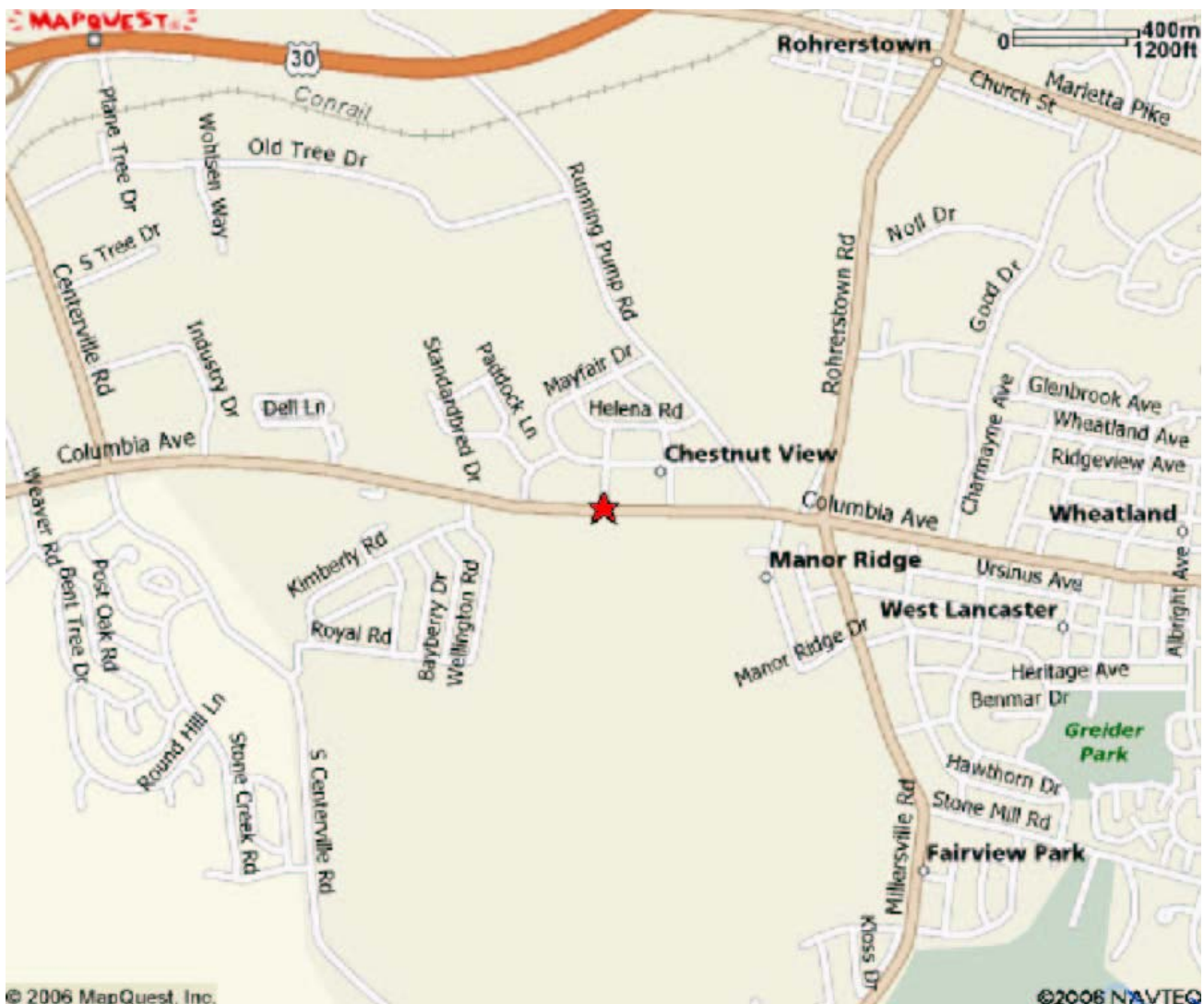
- Take Rohrerstown Road exit from either 283 or US Route 30 and head south to Columbia Avenue.
- Make a right onto Columbia Avenue.
- The R and D Center is about 1/2 mile on the left.
- Turn into the entrance drive and check in at the Security Gate. The guard will direct you to the meeting location.



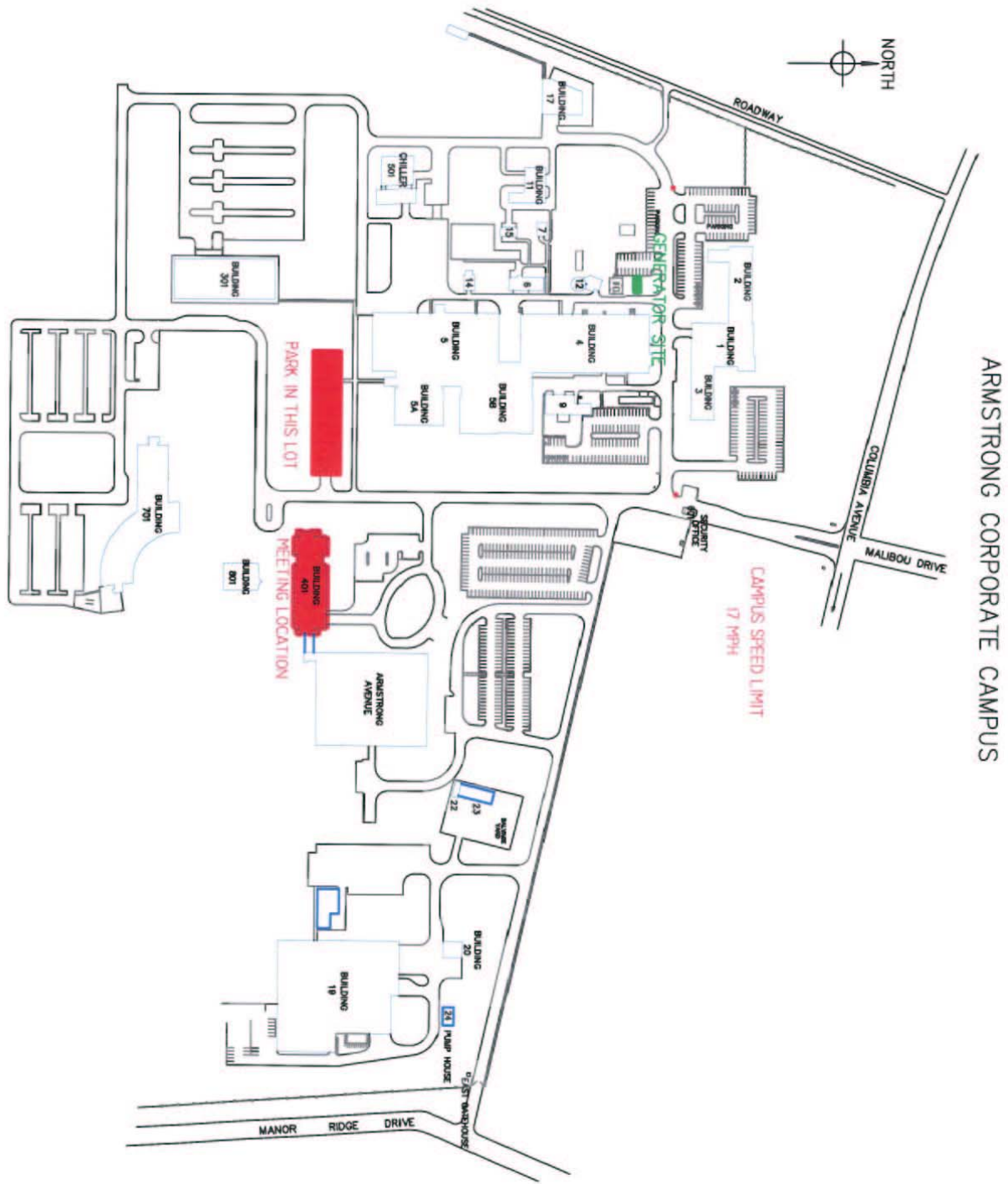
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# Armstrong Corporate Campus Map



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### Chapter Schedule of Events (2007-2008)



September 13, 2007	Reading, PA	Energy Pricing & Liquid Natural Gas Plant Tour
October 2007	No Meeting	
November 1, 2007	Lancaster, PA	EnergyWorks Tour of Park City Center
December 6, 2007	Harrisburg, PA	Holiday Social Event— Appalachian Brewing Company
January 10, 2008	York, PA	Underfloor Air Distribution System & Control, York International Tour
February 2008	No Meeting	
March 6, 2008	Lancaster, PA	Green Buildings GGGC & Armstrong World Industries Platinum LEED Facility
April 8, 2008	Lancaster, PA	Energy Conservation Forum w/ AFE (Alternative Energy Spotlight)
May 1, 2008	Lancaster, PA	Lancaster EDC Project / Barnstomer's Baseball game, Lancaster
June 5, 2008	TBA	Golf Outing