



**SMART  
ENERGY  
DESIGN**  
Assistance Center

# Smart Energy Design Assistance Center

Newsletter Vol. 3, No. 11, November 2007

[www.sedac.org](http://www.sedac.org)

## SEDAC

The Smart Energy Design Assistance Center (SEDAC) provides advice and analyses, enabling small businesses in the State of Illinois to increase their profitability through the efficient use of energy resources. SEDAC is sponsored by the Illinois Department of Commerce and Economic Opportunity's *Small Business Smart Energy Program (SBSE)* and provides valuable services at no cost to small businesses. SEDAC is managed by the University of Illinois at Urbana-Champaign.

## EVENTS

**November 14, 4pm – 9pm:**  
APEC Fall Energy Expo 2007  
Ramada Inn, 6900 North Illinois  
(RT 159), Fairview Heights

**November 15-16, 2007:**  
DCEO Fall Peer Exchange,  
Ramada Inn, Fairview Heights,  
Illinois. Reservations can be made  
by calling (800)947-0317. Please  
notify Bruce Selway of your intent  
to attend as soon as possible.

### Conference agenda

This event will be located at the same facility that is hosting the APEC Fall Energy Expo 2007 one day prior on November 14 from 4pm - 9pm. If you are not planning to attend this Expo as an exhibitor, we hope you will plan to come as a participant and review the many products and services on display. Contact Fred Schreiber ([fred\\_schreiber@charter.net](mailto:fred_schreiber@charter.net)) at 618/667-0000 for additional information on this event.

### MEEA CONFERENCE

**January 9 & 10, 2008, Chicago**

## SEDAC NEWS



### Stay Tuned for More on EEPS

On August 28, 2007 Governor Blagojevich signed Senate Bill 1592 into law which includes an Energy Efficiency Portfolio Standard (EEPS) and a Renewable Portfolio Standard (RPS) that are among the most ambitious in the nation. The EEPS will require Illinois utilities to reduce overall electric usage by 0.2% of electricity delivered in 2008, escalating to 2.0% by 2015. The RPS will require utilities to supply 2% of their power from renewable energy sources by 2008 for certain "eligible customers," escalating to 25% by 2025.

This law creates a substantial budget for programs and incentives to reduce electrical energy usage and demand for customers of ComEd and Ameren. During the first year, there will be approximately \$50 million devoted to various sectors of utility customers. ComEd and Ameren will focus approximately \$38 million on residential, commercial, and industrial customers and the **Illinois Department of Commerce and Economic Opportunity (DCEO)** will utilize about \$12 million on the low income and public sectors. During the second year these budgets will double, and by year three will triple, by far the largest opportunity Illinois has had for funding energy efficiency and demand reduction efforts.

Planning for EEPS is underway requiring DCEO, ComEd, and Ameren to submit their EEPS plans to the Illinois Commerce Commission by November 15. Once the plans are approved, program designs will be finalized. It is anticipated that there will be product incentive and market transformation programs available to generate these substantial electric savings.

SEDAC is expected to expand its current role by participating in the EEPS initiative. We are expecting to provide our services to additional market sectors such as K-12 schools, community colleges, and municipal buildings.

SEDAC has created a Web page to post relevant documents and link to programs and services at [www.IllinoisEEPS.org](http://www.IllinoisEEPS.org). Please bookmark this page and watch for further developments.

### SEDAC.ORG changes

SEDAC has added a section with information on **Schools and Community Colleges** to the Web site. Click on **SEDAC information** to reach this developing page.

## EDUCATION

**December 7:** 9:30 am to 5:00 pm: **Basics of Architectural Lighting**, 7 HSW LUs in AIA/CES, \$225, Multi-University Center, Oak Brook.

**December 8: 9:30 am to 5:00 pm:** **Building Life-Cycle Cost Estimation**, 7 HSW LUs in AIA/CES, \$225, Multi-University Center, 1010 Jorie Blvd., Oak Brook

**January 11, 2008: 9:30 am – 12:30 pm:** **Beyond Code: Energy Efficient Commercial Buildings** 3 HSW LUs in AIA/CES, \$40, Multi-University Center, 1010 Jorie Blvd., Oak Brook.

Techniques for reducing energy usage in commercial buildings (new designs and retrofits). Integrated design, modeling, methods, and code implications will be covered.

**January 11, 2008: 1:30 pm – 3:30 pm:** **Energy Efficiency Benefits of the EPACT 2005** 2 HSW LUs in AIA/CES, \$30, Multi-University Center, 1010 Jorie Blvd, Oak Brook.

Guidance on the tax benefits available for commercial buildings and the quantification and requirements for tax credits and deductions under the Energy Policy Act of 2005.

**Call 888/633-3603 to register for face-to-face classes.**

**Online Classes** are available through SEDAC and the Office of Continuing Education at UIUC:

**The Architecture of Sustainability:** 10 modules - individual or packaged.

Module 1: 3 AIA LUs/CEUs-\$75. Modules 2-10: 1 AIA LU/CEU, \$50.

Package of 10 modules: 12 AIA LUs/CEUs, \$450.

**Energy Basics for Small Business.** Module 1: The Language of Energy: 1 AIA LU/CEU, \$25.

**Online Registration is continuous at [www.continuinged.uiuc.edu](http://www.continuinged.uiuc.edu) click on Green Design**

## OTHER EDUCATION

**Building Operator Certification Training Schedule**

Jan. 17, 2008 - June 19, 2008: Chicago - Level II

## SEDAC NEWS

### EIA Foresees a Colder Winter with Rising Fuel Costs

The cost of heating your business will likely be higher this winter than it was last winter, according to a new report from DOE's Energy Information Administration (EIA). Record-breaking heat affected much of the Northeast and Midwest this year and it now seems strange to look ahead to the winter, but it is indeed rapidly approaching. Those using natural gas for heating are expected to pay more for heating this winter, with about a 10% increase. Those using heating oil can expect to pay significantly more, with a 22% increase, while those using propane are expected to experience a 16% increase. Prices are staying stable for those using electric heat, unless you experienced a rate change. You may expect to pay a little more this winter due to extra energy use expected due to colder weather this winter. So even though it may have been hot this fall, it's also a good time to prepare for the winter by improving the energy efficiency of your heating systems. See the **EIA's "Short-Term Energy and Winter Fuels Outlook"** and for tips on saving energy, see the **Consumer Web site from DOE's Office of Energy Efficiency and Renewable Energy.**



### ASK SEDAC

*Do you have an energy question you would like answered? Is there training you would like SEDAC to offer?*

**E-mail your questions to [info@sedac.org](mailto:info@sedac.org) and we'll include them in a future newsletter.**

**Last month we had a question about ARES, or Alternative Retail Energy Suppliers providing ways to save on the cost of electricity.**



**Answer: See August 2007 SEDAC newsletter article on purchasing electricity.**

### FAQ Section

SEDAC has a **Frequently Asked Questions section on [SEDAC.org](http://SEDAC.org)** to assist site visitors with basic questions. If your question is not addressed here, please give us a call at 800-214-7954.

### Energy Service Providers

SEDAC maintains a Pre-Qualified Service Provider List at [www.SEDAC.org](http://www.SEDAC.org)

To participate in the **SB\$E program**, please contact us at: (800) 214-7954 or [info@SEDAC.org](mailto:info@SEDAC.org)  
Smart Energy Design Assistance Center, 1 East St. Mary's Road, Champaign, IL 61820  
[www.sedac.org](http://www.sedac.org)