



# Smart Energy Design Assistance Center

Newsletter Vol. 5, No. 2, February 2009

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

## SEDAC

The Smart Energy Design Assistance Center (SEDAC) provides advice and analyses enabling private and public facilities in the State of Illinois to increase their economic viability through the efficient use of energy resources. SEDAC is sponsored by the Illinois Department of Commerce and Economic Opportunity in partnership with ComEd and Ameren Illinois Utilities and provides valuable services at no cost to for-profit businesses and public facilities. SEDAC is managed by the University of Illinois at Urbana-Champaign and supported by the 360 Energy Group.

*(Hyperlinks are shown in green)*

## EDUCATION

**February 20: SEDAC Lunch and Learn on Boiler Efficiency by Brian Duffield.**

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

Location : ISTC, 1 Hazelwood Drive Champaign. [Directions](#)

**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 CEU, \$25.

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

## EEPS NEWS

### DCEO Public Sector Programs

**Reserve your project funds now!** Illinois partners, DCEO (IL Dept. of Commerce and Economic Opportunity), Ameren Illinois and ComEd are able to offer these incentives as long as the programs achieve targeted electric reductions while being cost effective to administer. If the program funds go unused, future funding availability might not be as attractive so it is important that Illinois is able to reach the goals. You can assist with these goals by implementing projects under program year 1 funds, designated for projects that will be **completed by May 31, 2009.**

DCEO still has funding available for projects that can be completed by the end of May. DCEO program funds are available for projects at public sector entities including; local, state and federal government, public K-12 schools, community colleges and public universities.

**Standard Incentive Program** provides set incentives for common electric improvements such as new and retrofit lighting, occupancy sensors, exit signs, high efficiency motors and variable frequency drive controls. The program is easy to apply to using fillable Incentive Worksheets for Lighting, HVAC, Motors and Refrigeration upgrades. Completed projects that have already received incentives ranging from \$1,200 to \$107,000 include:

- |   |                                       |
|---|---------------------------------------|
| Northern Illinois University            | Occupancy sensors, exit signs         |
| Leland Community School District 1      | New light fixtures, occupancy sensors |
| City of Arcola                          | New and retrofit lighting, CFLs       |
| Litchfield Community School District 12 | New light fixtures                    |
| Northeastern Illinois University        | Occupancy sensors                     |

**Custom Incentive Program** provides incentives that reduce the electricity use for those measures not specifically listed under the Standard Incentive Program. Custom projects that have applied for program funds include:

- |                             |  |
|-----------------------------|--|
| Water reclamation districts | Aeration water treatment, controls for water treatment pumps |
| Park districts              | Dimming controls   |
| Municipal 24/7 operations   | Lighting and controls, LED lighting, HVAC and controls       |
| Schools                     | Lighting, dimming and direct digital controls                |
| State and Federal           | New lighting   |

DCEO Public Sector Electric Efficiency program website [www.illinoisenergy.org](http://www.illinoisenergy.org)

Standard Incentive Program contact: Andrea Reiff, 217/785-0164,

[andrea.reiff@illinois.gov](mailto:andrea.reiff@illinois.gov)

Custom Incentive Program contact: Tom Coe, 217/785-2433, [tom.coe@illinois.gov](mailto:tom.coe@illinois.gov)



**ILLINOIS**  
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



## OTHER

### BOC TRAINING

January 29, 2009 – MAY 21, 2009:

Edwardsville – SIU CAMPUS - LEVEL I

February 3, 2009 – MAY 19, 2009:

Kankakee Community College - LEVEL I

### KANKAKEE COMMUNITY COLLEGE

REGISTER: Phone 815-802-8200

February 11, 2009: **Energy Efficiency Programs and Services by SEDAC**

March 11, 2009: **Introduction to Energy Auditing - Train the Trainer**

March 30, 2009: **Geoexchange 101: Introduction to Geothermal Heating and Cooling Systems**

**Geoexchange 201: Advanced Geothermal Heating and Cooling Systems**

### ENERGY CENTER OF WISCONSIN

Online course available anytime:

**Beyond Code: Designing Energy Efficient Commercial Buildings**

by Donald Fournier of SEDAC

## EVENTS

**Environmental Workshops for the Construction Related Industries to be held in February, 9:00 am to 3:00 p.m. with lunch provided.**

February 18th: Galesburg

February 19th: Decatur

February 24th: Edwardsville

February 25th: Carbondale

For more information and to register visit: [www.ienconnect.com/enviro](http://www.ienconnect.com/enviro)

## EEPS LINKS

**DCEO** Public Sector Electric Efficiency program [www.illinoisenergy.org](http://www.illinoisenergy.org)  
Standard Incentive Program contact: Andrea Reiff, 217/785-0164, [andrea.reiff@illinois.gov](mailto:andrea.reiff@illinois.gov)  
Custom Incentive Program contact: Tom Coe, 217/785-2433, [tom.coe@illinois.gov](mailto:tom.coe@illinois.gov)

### ComEd

[www.comed.com/businesssavings/programsincincentives/](http://www.comed.com/businesssavings/programsincincentives/)

### AMEREN ILLINOIS

[www.actonenergy.com/business.asp](http://www.actonenergy.com/business.asp)

## EEPS UPDATE ...contd.

### Ameren Illinois Act On Energy Program Announces Program Enhancements Effective Immediately

#### Fast Track Your Project and Get a 10% Bonus!

Complete an approved Custom Program Application after January 8, 2009 and complete your project before May 31, 2009 and Ameren Illinois will add an additional 10% bonus to your incentive check.

For more information about this bonus offer, contact Margie with Act On Energy™ at 866-800-0747.

#### Increased Incentive Cap Level

Effective January 8, 2009, cap levels for the Act On Energy™ Business Program have increased to \$200,000 per customer facility, with a cap of \$100,000 per project. These higher cap levels provide your facility greater flexibility for implementing multiple projects, accelerating energy and operating costs.

#### Reduced Minimum Payback

To help companies continue to implement energy-efficiency upgrades, the minimum payback period has been reduced from 1.5 years to 1 year. Reducing the minimum payback allows companies to implement energy-efficient projects that will help them break even on their investment sooner.

For more information about these offers, e-mail [ActOnEnergyBusiness@ameren.com](mailto:ActOnEnergyBusiness@ameren.com) or call 866-800-0747.

#### ComEd Smart Ideas

At this time the **ComEd Smart Ideas for Your Business** program is no longer accepting applications for program year 1 funds. For year 2 program plans go to: [www.comed.com/businesssavings/programsincincentives/](http://www.comed.com/businesssavings/programsincincentives/) Some of your questions can be answered at the **FAQ** link.

### SEDAC Lunch and Learn on Boiler Efficiency by Brian Duffield

What should you do if you or your client's boiler is getting old and needs to be replaced? Come to the SEDAC Lunch and Learn on February 20th to find out about upcoming standards, products, design, details on modulating condensing boilers, maintenance schedules, and problems encountered in boiler installation.

**When:** Friday, February 20 from Noon - 1 PM.  
Lunch will be available at 11:45 AM

**Where:** Illinois Sustainable Technology Center, 1 Hazelwood Drive, Champaign. **Directions**

**How to Register:** **ONLINE** at [www.sedac.org](http://www.sedac.org)



To participate in the *Smart Energy Design Assistance program*, 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)