



**SMART
ENERGY
DESIGN**
Assistance Center

Smart Energy Design Assistance Center

Newsletter Vol. 4, No. 3, March 2008

www.sedac.org

SEDAC

The Smart Energy Design Assistance Center (SEDAC) provides advice and analyses enabling facilities 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 and provides valuable services at no cost to small businesses and public facilities. SEDAC is managed by the University of Illinois at Urbana-Champaign and the 360 Energy Group. Links are green.

**March 28, 2008 11:45 am - 1 pm:
SEDAC LUNCH and LEARN**

Alan Chalifoux of ETA Engineers
Efficient HVAC Design

Location: Waste Management and Research Center, 1 Hazelwood Drive, Champaign, IL 61820.

Limited to first 40 registrants. Box Lunch available. **Register online.**

Questions:

lunchandlearn@sedac.org

EDUCATION

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

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SEDAC NEWS

Attention Farmers and Rural Businesses:

USDA has released \$15.9 million in grant funding for 2008 Section 9006 Renewable Energy and Energy Efficiency Improvement Grants and \$205 million authorization for guaranteed loans. Deadlines:

Grant has 2 windows: April 15, 2008; April 16 - June 16, 2008.

Guaranteed Loans: June 16, 2008.

Combination grant and loan package: June 16, 2008.

Go to www.farmenergy.org for information

Illinois Energy Efficiency Portfolio Standards - Programs

On August 28, 2007 Governor Blagojevich signed Public Act 095-0481 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. 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 the third year the budgets will triple, by far the largest opportunity Illinois has had for energy efficiency and demand reduction. A Web page has been created to post relevant documents and link to programs and services at www.ileeps.org. Please bookmark this page and watch for further developments.

DCEO EEPS programs that will be focused on facilities at federal, state and local government, public schools, community colleges, universities and colleges are currently under development. ComEd and Ameren are developing similar programs which will be offered to other sectors. DCEO EEPS programs that will be focused on low income households and education and training are also under development. DCEO is working to open the following programs that will be available in ComEd and Ameren electric service territories on June 1, 2008:

Public Sector Standard Incentive Program

Program will encourage facilities to improve the efficiency of equipment or process to reduce the amount of electricity required. Program plans are to provide set incentives for a standard list of electricity conservation measures. Measures will include electricity system efficiency improvements for lighting, motors, variable frequency drives, cooling equipment, traffic signals and exit signs, among others. DCEO contact: Andrea Reiff, 217/785-0164, <andrea.reiff@illinois.gov>

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SEDAC NEWS

...more education

March 22, 2008, 9:30 am – 12:30 pm:

Beyond Code: Energy Efficient Commercial Buildings 3 HSW LUs in the AIA/CES program, \$40, Building Research Council, 1 E. St. Mary's Road, Champaign, IL 61820.

Guidance and techniques for reducing energy usage in commercial buildings (both new designs and retrofits). Integrated design, modeling, and methods will be covered. Code implications will also be discussed.

March 22, 2008, 1:30 pm – 3:30 pm:

Efficiency Benefits of the EPACK 2005 2 HSW LUs in the AIA/CES program, \$30, Building Research Council, 1 E. St. Mary's Road, Champaign, IL 61820.

Guidance and methods 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.

April 30, TBA: **Geoexchange 101 & 201**

April 10, 2008 10:30 am -12:00 pm:

Money Smart Week - Smart Energy Management is Smart Money Management. Eileen Westervelt, SEDAC. Osher Lifelong Learning Institute at UIUC 2021 S. First Street, Champaign FREE

OTHER EDUCATION

University of Wisconsin
Mechanical System Design for Green Buildings. **Register**
April 7 – 9, 2008

Energy Center of Wisconsin

Lighting Design with Efficiency. Jim Benya
Thursday, April 17, 2008
OWP/P
111 West Washington Street, Suite 2100
Chicago, IL 60602
312/332-9600

EVENTS

April 21-22, 2008: DCEO Peer Exchange, Starved Rock.
Contact Bruce Selway for information at: 217/785-2023, bruce.selway@illinois.gov

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Public Sector Custom Incentive Program

Program will encourage facilities to improve the efficiency of equipment or process to reduce the amount of electricity required. Program plans are to provide a set incentive (¢/kWh) for facility improvements that reduce the electricity use for those measures not listed in the Public Sector Standard Incentive Program.

DCEO contact: Tom Coe, 217/785-2433, <tom.coe@illinois.gov>

Public Sector New Construction Incentive Program

Program will encourage applicants to design new construction or rehabs to achieve the greatest level of energy efficiency. Program plans are to provide incentives (\$/square foot) for facility design improvements beyond code. The incentive levels will increase for additional percentages beyond code. Modeling and or supporting calculations will be required.

DCEO contact: Tom Coe, 217/785-2433, <tom.coe@illinois.gov>

Illinois Energy Efficient Affordable Housing Construction Program (EEAHCP)

Under this existing program, grants are provided to Illinois based non-profit housing developers to include energy efficient building practices in the rehab or new construction of affordable housing units. The new program will be available to for-profit developers as well. Additional electricity savings measures will be included.

DCEO contact: Maureen Davlin, 217/785-2373, <maureen.davlin@illinois.gov>

Low Income Energy Efficient Residential Retrofit Program

Program will leverage existing programs to maximize electricity savings in low income residences. DCEO plans to partner with Program Implementers such as state agencies, local government, lending institutions, housing authorities, and affordable housing developers. Grants will be available to Program Implementers to distribute funds for energy efficiency measures to customers participating in their programs or for the direct installation of energy efficiency measures.

DCEO contact: Maureen Davlin, 217/785-2373, <maureen.davlin@illinois.gov>

Building Industry Training and Education Program

The Building Industry Training and Education Program will provide funds to organizations to train professionals from all aspects of the building industry in energy efficient practices and about energy efficient products and equipment, in order to develop the robust energy efficiency services market necessary to achieve the energy savings goals in future years. Grantees will organize and coordinate workshops and training for all sectors throughout the state in order to educate the industry on the state of the art energy efficiency practices for building construction, rehab, operation, and maintenance. This program will, in part, support existing programs including Building Codes and Building Operator Certification trainings.

DCEO contact: Bruce Selway, 217/785-2023, <bruce.selway@illinois.gov>

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