

# SEDAC NEWSLETTER



Vol. 10, No. 9, September 2014

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

## ENERGY DASHBOARD PROGRAM

**What is an energy dashboard?** Energy dashboards are systems that measure the total energy consumption of a building (typically gas and electricity) on a close to real-time basis. Measurements are taken from the building utility meters at intervals ranging from 15 minutes to 1 hour. These measurements are processed by the energy dashboard software and made available to building operators. Dashboards can be configured to have a public display component or to be used only by building management personnel. The dashboards are a web-based software that can be addressed from the desktop or from mobile devices.

**Energy dashboard benefits.** The information from energy dashboards can be useful in assessing the effectiveness of energy management efforts, identifying opportunities for energy savings, and even in finding operational or maintenance problems. Automated reporting can be set up to send alerts based on pre-specified building energy usage conditions. Some dashboards offer the capability of comparing actual energy consumption against projected/targeted usage.

**Public sector energy dashboard program.** ILLINOIS ENERGY NOW is partnering with SEDAC to install energy dashboards at five public sector client sites on a cost-sharing basis this program year. Typically, the costs



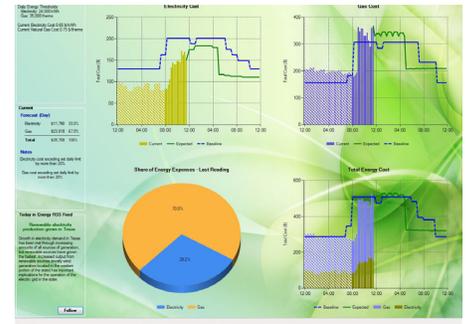
of dashboard hardware and software installation as well as licensing are paid for by IEN-SEDAC. The cost of necessary modifications to the existing

gas and electric meters at a facility are paid for by the program participant (typical cost is approximately \$4,000), but this cost is negotiable. This year the program is being offered in the **ComEd, Nicor Gas, Peoples Gas, and North Shore Gas** territories. Ideal clients will be located in these service territories

and will have received or be in the process of receiving SEDAC retro-commissioning or mini-retro-commissioning services.

Selection of sites to receive the dashboards will be at SEDAC's discretion.

For additional information, contact Ben J. Sliwinski at [ben@sedac.org](mailto:ben@sedac.org) or apply to be considered for an energy dashboard [here](#) - ComEd, Nicor, North Shore, Peoples.



## ILLINOIS ENERGY NOW



**2014-15 Boiler System Efficiency Program.** See details at [www.erc.uic.edu/energy-efficiency/illinois-energy-now-programs/boiler-tune-up-program/](http://www.erc.uic.edu/energy-efficiency/illinois-energy-now-programs/boiler-tune-up-program/)

**2014-2015 DCEO Illinois Energy Now Public Sector Standard and Custom Incentive Program Application**  
[www.ilenergynow.org](http://www.ilenergynow.org)  
Please check for updates to the application.

**2014-2015 DCEO Illinois Energy Now Public Sector New Construction Program Application**  
[sedac.org/pdf/20142015DCEONewConstructionWordFINAL20091114\\_Fillable.pdf](http://sedac.org/pdf/20142015DCEONewConstructionWordFINAL20091114_Fillable.pdf)

### Important Dates

- April 1, 2015:** Last date to submit new **Pre-Approval Application** to DCEO.
- May 8, 2015:** Last date to submit **Final Application** to DCEO for completed projects (must have been pre-approved).

**Clean Water Energy Efficiency Initiative**  
**Application Forms and Contact Info:**  
Tom Coe, (217) 785-2433, [Tom.Coe@illinois.gov](mailto:Tom.Coe@illinois.gov)

## NEWS

### Utility Incentive Programs

For information on the 2014-2015 program year incentives, use the utility links below.

- ComEd Smart Ideas for Your Business®
- Ameren Illinois ActOnEnergy®
- Nicor Gas energySMART
- Peoples Gas Natural Gas Savings Program
- North Shore Gas Natural Gas Savings Program

## EVENTS

October 21-23, 2014

### Illinois Chief Engineers & Facility Managers Training Conference

Champaign

Details at [www.conferences.uiuc.edu/conferences/conference.asp?ID=419](http://www.conferences.uiuc.edu/conferences/conference.asp?ID=419)



DCEO **ILLINOIS ENERGY NOW**  
Partner Program

October and November

### SEDAC Energy Efficiency Workshops

Details at [training.sedac.org](http://training.sedac.org)

December 4 and December 10

### DCEO Trade Ally Trade Shows

Chicago and Springfield

Details at [www.erc.uic.edu/energy-efficiency/trade-allies/](http://www.erc.uic.edu/energy-efficiency/trade-allies/)

### DCEO Renewable Rebates

The annual deadlines are coming up for DCEO's renewable energy programs.



The **Solar and Wind Energy Rebate Program** offers incentives for residential, commercial, public, and nonprofit installation of renewable energy systems. Deadline: October 10

The **Large Distributed Solar and Wind Grant Program** provides incentives to support larger scale distributed generation systems. Deadline: October 17

## SPOTLIGHT ON ENERGY SAVINGS



### A&D Electrical Supply, Inc.

#### Litchfield, IL Solar PV Array Assisted by DCEO Renewable Energy Resources Program

David Ronen has been in the electrical supply business since age 15. A few years ago, Dave experimented with a 2 kW photovoltaic (PV) system in his own home. In 2014 Dave opted to take advantage of falling prices and outfit his business with solar.



The 18 kW system provides about 40% of A&D's electricity usage. The DCEO Renewable Energy Resources Program (see box at lower left) covered 25% of the project cost. With Federal tax credits, the system will pay for itself in about 11 years.

Although many entities choose to install solar panels on the roof, A&D located their solar panels in the parking lot due to roof maintenance needs and the ease of keeping dust and snow off the panels. They were also able to orient the panels towards the south, while the roof faces east and west.

#### In Their Words:

*"I have always tried to stay ahead of my competition by finding the latest technologies. In addition to using solar in our own business, we are installing a lot of systems for residents and businesses. DCEO's renewable energy funding helped make this project more affordable."*

- David Ronen, Co-Owner of A&D Electrical Supply

Installation Cost	\$48,375
DCEO Incentive	\$12,094
Federal Tax Credit (30%)	\$14,513
Estimated Annual kWh Production	24,825
Estimated Annual Cost Savings	\$1,986
Simple Payback (years)	11.0

Does your project deserve a shout-out? Contact [holly@sedac.org](mailto:holly@sedac.org)

[www.SEDAC.org](http://www.SEDAC.org) | 1-800-214-7954 | [info@SEDAC.org](mailto:info@SEDAC.org)

Smart Energy Design Assistance Center  
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SEDAC's free energy services funded by DCEO



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Pat Quinn, Governor

