ACHIEVE MAJOR ENERGY SAVINGS WITH A SEDAC ENERGY ASSESSMENT

SEDAC energy assessments address a broad spectrum of technology upgrades, building envelope modifications, and operational strategies. Some recommendations effect a modest reduction in energy usage while others can result in major energy savings. Many energy-saving measures are easy-to-implement low-cost and no-cost measures, but SEDAC’s experience shows that larger investments of planning and funds can also pay off with major energy and cost savings.

Here's an example: Upon receipt of their SEDAC energy assessment report in March 2009, a SEDAC municipal client started planning to replace a chiller and update the building automation system (BAS)—two of the report’s recommendations. Both projects required significant planning and capital expenditure. Implementation began in 2011.

This SEDAC client recently provided us with a graph of post-implementation facility energy usage (figure 1 - see over). The graph illustrates a marked reduction in energy usage, particularly during the summer months, due to the new high-efficiency chiller. The new BAS system allows for far better control of the building’s heating ventilation and air conditioning (HVAC) systems, accounting for the additional savings outside of the cooling season. The engineer reports that there have been no occupant comfort complaints following implementation, suggesting that all systems are functioning properly.

This level of energy savings results in significant cost savings for the client. The client is very pleased with the results, as is everyone else that has been involved with this building. This experience illustrates that some projects, particularly capital intensive and complicated ones, may take several years to come to fruition, but the results can be remarkable.

SEDAC is here to help clients identify potential avenues for energy conservation. If you haven’t done so already, please consider applying at http://apply.sedac.org for our FREE energy assessment services funded by the Illinois Department of Commerce and Economic Opportunity. Call 800-214-7954 or email info@sedac.org
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**OTHER TRAINING OPPORTUNITIES**

October 23-25: Champaign  
**Illinois Chief Engineers and Facility Managers Training Conference**  
Hawthorn Suites by Wyndham, Champaign, Illinois. Details at: conferences.uiuc.edu

November 15: Springfield  
**DCEO Trade Ally Trade Show.** Details at: http://www.erc.uic.edu/tradeallies/programinfo.php

March 25-28, 2013: Springfield  
**Ameren Illinois ActOnEnergy® CERTIFIED ENERGY AUDITOR TRAINING Seminar.** Details at: http://www.actonenergy.com/cea?utm_campaign=CEAE-mailIAS

**AMEREN ILLINOIS.** Details at: http://www.actonenergy.com/for-my-business/education-training

**COMED and NICOR: Building Professionals and Trade Allies.** Details at: http://www.ecw.org/comedtraining/newconstruction/index.php

**2012 Illinois Energy Code Training - Statewide**  
October 2012-December 2012

**MORE ENERGY TRAINING**

Building Operator Certification (BOC®) is a nationally recognized, competency-based training and certification program that offers facilities personnel the improved job skills and knowledge to transform workplaces to be more comfortable, energy-efficient and environmentally friendly. BOC consists of eight days of classes over the course of four months with a test at the end of each day and five in-facility projects due throughout the series. BOC graduates are able to save 374 kWh and 1 therms per 1,000 ft² of space.

The next round of Illinois trainings begin in January 2013 in Chicago, Glen Ellyn and the Quad Cities. Please go to www.boccentral.org to learn more or contact Eric Roach at eroach@mwalliance.org or 312-784-7277 to register.

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**FIND ENERGY INCENTIVES**

Standard and Custom Incentives are available at: www.ilenergynow.org. Visit the following websites for the most up-to-date information:

- **COMED SMART IDEAS®**  
- **AMEREN IL ActOnEnergy®**  
- **NICOR PEOPLES GAS**  
- **NORTH SHORE GAS**