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SPOTLIGHT ON SEDAC SERVICES

Energy Assessment

An [energy assessment](#) is the first step to saving money on your energy bills. SEDAC provides:

- **Independent, Expert Advice.** SEDAC reviews utility bills, makes site visits and analyzes energy systems to provide detailed recommendations.
- **Comprehensive Energy Savings Analysis.** SEDAC's comprehensive analysis can unlock your buildings' energy savings potential and help you develop short and long term implementation strategies.
- **Financial Analysis.** SEDAC can help you understand the costs and benefits of energy efficiency in your buildings. Our assessment reports show what the return on investment will be. For those interested in energy efficiency finance, SEDAC can provide guidance and a detailed cash flow analysis.
- **Incentive Guidance.** SEDAC helps facilities identify and apply for financial incentives.
- **Implementation Assistance.** SEDAC can help you decide how to prioritize our recommendations, answer your implementation questions, and verify that measures you've implemented are working.



[Apply here](#), call us at 800-214-7954, or email us at info@sedac.org to determine eligibility and get started saving energy.

Retro-commissioning

We are pleased to announce that the deadline to apply for the [Public Sector Retro-commissioning \(RCx\) Program](#) has been extended through October 15, 2017. The RCx program is first come first serve, and it is filling up rapidly. Eligibility for the Public Sector Retro-Commissioning Program is limited to entities that have electric service delivered by ComEd and natural gas service delivered by Nicor Gas, Peoples Gas or North Shore

Gas. Please contact Ryan Curry, Senior Program Manager at ryan@360eg.com or 312-267-2864. Get your application in today!

New Construction Program

SEDAC is accepting applications for the New Construction program through October 31, 2017. New construction and major renovation projects in ComEd, Nicor Gas, Peoples Gas and North Shore Gas territories may be eligible. The New Construction Program offers design assistance to increase the energy efficiency of your project and incentive guidance to help you fund it. Learn more and apply [here](#), call 217-300-1820 or email NCincentives@SEDAC.org.

SEDAC public sector utility programs are funded by Ameren Illinois, ComEd, Nicor Gas, Peoples Gas and North Shore Gas customers in compliance with Illinois Law.

Utility Program Energy Efficiency Announcements

LED Lighting Technologies Training

Presented by Randall S. Johnson, LC
Wednesday, October 18
8:30 a.m. - 4 pm Central | Cost \$39
Oak Brook, IL



LEDs are rapidly changing the landscape for commercial and industrial lighting systems. Learn how to compare LED lighting solutions to existing systems using metrics such as product life, lumen output, productivity, human-centric lighting, color rendition, ambiance, dimmability, energy consumption, recycling issues and cost. We'll evaluate several lighting systems and calculate the benefits of upgrading to LEDs. We'll also discuss lighting trends, federal legislation, ENERGY STAR® compliant products and DesignLights™ Consortium Qualified Products, rebates, and new code changes that will affect future lighting solutions and controls. [Register](#) today.

Park District Lighting Program

Get free project planning and application assistance for park districts to take advantage of ComEd's energy efficiency incentives for upgrading indoor and outdoor lighting. To be eligible for incentives, park districts must be within the ComEd service territory and projects must be completed and applications submitted by December 31, 2017.

For more information, visit the [Park District Lighting Incentive webpage](#) or contact Mary Jo Warskow, at maryjo.warskow@elevateenergy.org or 773-922-3018.

Ameren Illinois Energy Efficiency Program

The Ameren Illinois Energy Efficiency Program has recently increased many natural gas incentives to help offset a larger portion of project costs. In addition, public sector customers are eligible for a 15% incentive bonus on projects with final paperwork submitted by November 30, 2017. For more information on these increased incentives and the public sector bonus, please visit AmerenIllinoisSavings.com/Public or call 866-800-0747.



Municipal Street Lighting Incentives

Incentives are available for upgrading municipally-owned street lights to LEDs for municipalities in the Ameren Illinois service territory. Elevate Energy offers free technical assistance to help with project planning and incentive applications. To be eligible for the incentive, LED lights must be [DesignLights Consortium](#) certified and projects must be completed and final paperwork submitted by December 31, 2017. For more information

about Ameren Illinois' street light incentives, visit AmerenIllinoisSavings.com, download the [informational flyer](#) or contact the Elevate Energy coordinator, Mary Jo Warskow, at maryjo.warskow@elevateenergy.org or 773-922-3018.

Building Industry Training and Education Series

The Building Industry Training & Education series returns this fall at events designed for the Illinois construction industry to support implementation of the 2015 IECC, effective statewide January 1, 2016. These events will also prepare participants for the potential update of the [Illinois Energy Conservation Code](#) to the 2018 IECC with reference to ASHRAE Standard 90.1-2016. Participate in our full-day code update or home builder breakfast and receive a copy of the 2018 IECC code book FREE!

Municipal code enforcement, designers, home builders, HVAC and home performance contractors, park districts, libraries, school and township officials, and other local governments throughout the ComEd, Nicor Gas, Peoples Gas, and North Shore Gas service territories are invited to participate.

- [2015 to 2018 IECC Illinois Energy Conservation Code \(full-day\)](#)
- [2015 IECC Illinois Energy Conservation Code for Home Builders \(breakfast\)](#)
- [ACCA Manuals "J, S, D" Right Sizing of HVAC Systems \(full-day\)](#)
- [Evaluating REM/Rate for Code Compliance using the Energy Rating Index \(half-day\)](#)
- [Trust-But-Verify, Understanding LEED Energy Modeling Submittals for Code Compliance \(half-day\)](#)

These events are approved for AIA CES LUs, PDH for PE's, BPI CEU, NATE and ICC CEU (ICC #1614).

This program is funded by ComEd, Nicor Gas, Peoples Gas and North Shore Gas customers in compliance with Illinois law.

QUICK TIPS FROM GUEST AUTHOR, TIM GIBSON

Tim Gibson, director of buildings and grounds at John A. Logan College, shared the following energy efficiency advice at a recent SEDAC workshop on September 20 in Normal, IL.

If you missed the workshop and would like to view a slideshow of Mr. Gibson's "Breaking down Barriers to Energy Efficiency" presentation, check out our [presentations archive](#). Other presentations from our workshops are available as well.



Getting buy-in from decision makers

Selling energy efficiency to decision-makers can be challenging! Mr. Gibson recommends that building maintenance operators and directors:

- Speak of the value of a project over time, not "savings per month."
- Stay away from simple payback calculations that only capture initial costs.
- Speak of non-utility benefits, such as reduced maintenance, improved comfort, increased safety, and increased attendance.

- Find the need and speak to that need. Explain that energy savings can help fund other needs, such as staff, instructional equipment, scholarships.
- Stay away from specifics about equipment, energy savings or utility bills and focus on the big idea.
- Help decision makers feel like the idea is theirs.

Funding energy efficiency through PHS

Mr. Gibson also discussed ways to fund energy efficiency. Section 3-20.3.01 of the Public Community College Act authorizes colleges to sell bonds or levy a tax for Protection, Health, and Safety (PHS) projects. PHS expenditures are normally thought of as money used to alter and repair facilities to protect the health and safety of occupants, but they can also be used for energy efficiency projects that improve the health and safety of a facility.

A college might consider including energy efficiency measures with a PHS project as a way to pay for energy improvements that would otherwise need operational or maintenance money to fund. SEDAC, your architect or your engineer can help document expected payback on these measures to determine eligibility for PHS funds. John A. Logan College has successfully included energy efficiency measures in several PHS projects.

Share your ideas!

Do you have some advice or a success story that would help facilities become more energy efficient? Email us at newsletter@sedac.org with your ideas. We'd love to feature you in an upcoming newsletter.

SEDAC is an applied research center at the University of Illinois at Urbana-Champaign, working in collaboration with 360 Energy Group. SEDAC provides technical assistance and performs research to reduce energy consumption. SEDAC also provides energy efficiency services to Illinois public sector agencies through the utility energy efficiency programs.

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Providing effective energy strategies for buildings and communities



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