

Energy Code Training Opportunities

Attend an energy code webinar or workshop! Participants who attend a training session can now earn continuing education credits from the International Code Council (ICC) and the American Institute of Architects (AIA).



- **Webinar.** Top 10 Commercial HVAC requirements you should know, January 29, 2020 from noon to 1 pm
- **Workshops.** Top 40 Requirements you should know, 2018 IECC: March 5, 2020 from 9 am-12 pm in Mattoon, IL; March 24, 2020 from 1-4 pm in Rockford, IL

Find out more and register [here](#).

Online COMcheck & REScheck courses



Free
COMcheck Walk-through I2018
IECC

Learn how to use COMcheck for Illinois Energy Conservation Code compliance. We'll walk you through the data entry process for an example commercial building and help you understand outcome reports and how to address compliance.

[View Course](#)



Free
REScheck Walk-through I2018
IECC

Learn how to use REScheck for Illinois Energy Conservation Code compliance. We'll walk you through the data entry process for an example home and help you understand outcome reports and how to address compliance.

[View Course](#)

Take one of our free [online courses](#) anytime, anywhere. Check out our latest course offerings--REScheck Walk-through and COMcheck Walk-through to learn about how to use these important energy code tools. Participants who take one of our online courses can earn continuing education credits from the International Code Council (ICC) and the American Institute of Architects (AIA).

Funding for Wastewater Plants

The Illinois EPA Office of Energy is funding energy efficiency improvements at wastewater treatment plants. Due February 28, 2020, the Illinois EPA is seeking Illinois publicly-owned wastewater treatment facilities that have received an energy efficiency assessment within the last five years who are interested in implementing recommendations that improve energy efficiency at the plant. Awards are granted on a competitive basis, with potential award amount ranging from \$5,000 to \$500,000 per applicant. Applicants must also provide a minimum of 15% cost match.



Please visit the [Illinois EPA Office of Energy website](#) for more information on the notice of funding opportunity.

We are also participating in many wastewater professionals conferences this spring. Come see us at our booth at one of the following events!

- 1/28-1/29: [Onsite Wastewater Professionals of Illinois Conference](#), Collinsville
- 2/18-2/20: [Illinois Rural Water Association Conference](#), Effingham
- 3/24-3/26: [WaterCon](#), Springfield
- 4/20-4/22: [Illinois Wastewater Professionals Conference](#), Springfield--Join our speaking session at this event!

Growing the Energy Efficiency Workforce

At SEDAC, we are committed to reducing the energy footprint of the State of Illinois by helping to grow the energy efficiency workforce.

The energy efficiency sector is among the fastest growing job sectors in Illinois, with 8.3% growth predicted in 2019, according to the [2019 US Energy and Employment report](#). Energy efficiency jobs span a wide variety of industries, typically require less formal education, and have higher and more equitable wages compared to other jobs nationally.



Despite the many advantages of energy efficiency careers, employers in this sector report a severe job shortage. 95% of energy efficiency employers in Illinois found it difficult or very difficult to hire new employees. In addition, the energy efficiency workforce is older, male, and lacking in racial diversity.

We'll be exploring these issues in our new **Growing the Energy Efficiency Workforce Series**. We'll provide research about best practices to attract and train potential employees in energy efficiency, as well as opportunities to collaborate to address this important issue. Contact us if you'd like to join the conversation: 800.214.7954 or info@sedac.org.

Part 1: Where are we now?

In our first installment, we examine jobs reports and data on salary, education level, and skills to better understand the state of the energy efficiency workforce in Illinois. We note the difficulties that employers have in finding qualified candidates. Read Part 1 [here](#).

Notes from the Field

How old?

Some mechanical rooms are like stepping back in time. The steam boilers in this picture have been heating this school for 70+ years. This is both a testament on how well the equipment was made, and how well it has been maintained. They used to be coal fired but have been converted to natural gas. Although well maintained and functional, new boilers would be far more efficient.



Replacing these beasts is no simple task. When contemplating such a move, it is beneficial to take a look at the rest of the school's infrastructure. Should the school continue to use steam or is it possible to convert to hot water? These are huge decisions with enormous costs. An energy assessment is a good first step, but detailed engineering studies can help shed light on which path to take.

SEDAC Smart Tip: Maintain equipment to improve efficiency and longevity. When considering replacement, consult with an expert. Select high quality energy efficient equipment and consider other infrastructure changes as well.

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Providing effective energy efficiency strategies for buildings and communities

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