

Happy New Year from SEDAC!



We want to wish our many friends and partners a Happy New Year! With the New Year comes new opportunities to save energy and money and new program offerings from SEDAC. We look forward to working with you this year to help you meet your energy efficiency goals.

Illinois Energy Conservation Code Training

SEDAC is pleased to announce that we are providing energy code training on behalf of the Illinois Environmental Protection Agency (IEPA). Our goal is to increase awareness of the Illinois Energy Conservation Code to improve energy efficiency in buildings.

Go to sedac.org/energy-code for information about the workshops, webinars, and online training opportunities we are offering. Our website also provides resources and information about the energy code. Have a question about the Illinois Energy Conservation Code or SEDAC's energy code training opportunities? Call SEDAC at 800.214.7954 or email us at energycode@sedac.org for technical support and individualized guidance.

Workshop. On February 28th, we will be holding our first energy code training workshop,

offered in partnership with the South Suburban Building Officials Association (SSBOA). Community code officials, construction professionals and trades, and design professionals such as architects and engineers are invited to attend. Topics will include commercial and residential provisions of the 2018 International Energy Conservation Code (IECC). Lunch will be served at a cost of \$15 for SSBOA members and \$20 for non-members.

When: February 28th, 12:30-2 pm

Where: Jenny's Steak House, 10160 191st Street, Mokena IL 60448

To register, please email SSBOA at Mtriezenberg@vofil.com.

Webinars. SEDAC will be hosting two Energy Code Training webinars. Mark your calendars!

- April 4: 2018 International Energy Conservation Code (IECC) Updates
- April 25: Residential/Commercial Air Sealing, Infiltration & Ventilation.

Online training opportunities will also be available in April.

SEDAC: Your Energy Efficiency Partner

This year, SEDAC will be continuing to help buildings and communities navigate energy efficiency programs, unlock savings opportunities, and implement energy savings measures. Not sure where to begin? Overwhelmed by the number of energy efficiency programs available? Contact SEDAC at **800.214.7954** or email us at info@sedac.org.

SEDAC provides quick advice, initial consultations, and answers to technical energy-efficiency related questions. We can refer you to other energy efficiency programs and help you navigate these programs. Our quick advice is FREE for any business, organization, or public sector entity regardless of size. We provide recommendations to make your buildings more energy efficient, identify incentives to help you pay for them, and guide you throughout the implementation of these measures.

Why Learn about the Illinois Energy Conservation Code?

According to [Architecture 2030](#), an estimated 75% of the buildings in the US will be constructed or renovated in the next 20 years. This presents a tremendous opportunity. Will we continue to design buildings that are inefficient, wasting billions of dollars in energy costs and harming the environment? Or will we design buildings that are energy efficient, reducing energy costs and contributing to a healthier environment?



It is always easier (and less expensive) to build or renovate for energy efficiency from the start, rather than trying to make a building more energy efficient later. Upfront decisions made when the building is designed or constructed largely determine how energy efficient it will be.

In making these decisions to improve the efficiency of a building, the energy conservation code is a useful tool. According to the [US Department of Energy](#), the energy conservation code governs 80% of a building's energy load. The code's requirements are based on energy efficiency best practices for HVAC, building envelope, and lighting. Meeting or exceeding code requirements will lead to substantial energy and cost savings over the life of the building.

Illinois law

Illinois is a leader in energy conservation code compliance. It is one of a handful of states that requires all new and renovated buildings to comply with the latest energy conservation code guidelines, currently the 2015 International Energy Conservation Code. The law requires all new commercial and residential construction for which a building permit application is received by a municipality or county to follow a comprehensive statewide energy conservation code. Renovations, alterations, additions, and repairs to most existing commercial and residential buildings must also follow the Illinois Energy Conservation Code.

The law is designed to help protect the environment and reduce energy consumption. Meeting or exceeding energy code requirements can also lower utility bills and improve building comfort and safety.

Learn more

Are you involved in the design or construction of a new or renovated residential or commercial building? Do your part by becoming informed about the latest energy code requirements. See sedac.org/energy-code to learn more about the Illinois Energy Conservation Code and our training opportunities.

ComEd New Construction Webinar

On January 24, SEDAC partnered with the ComEd® Energy Efficiency Program for a webinar on the public sector new construction offering. Energy efficiency experts outlined eligibility requirements, services and incentives, shared successful real-world case studies and tips, and answered questions.

If you missed the webinar, you can watch it [here](#), or read a few highlights below.



SEDAC Outreach Specialist Cassie Carroll and Jean Ascoli, Senior Energy Efficiency Program Manager with the ComEd® Energy Efficiency Program, described how public sector facilities save money and energy when designers and developers engage early in the design process for new construction and major renovation projects. For buildings in the new construction phase, ComEd offers:

- High-quality education and training
- Expert technical assistance
- Financial incentives for implementation of electric and gas energy conservation measures

They emphasized some changes to the program for the public sector, and encouraged organizations to bring projects to the new construction team early in the design phase and to stay engaged with the technical team throughout the design process. Projects must implement significant beyond-code energy conservation measures (ECMs) for at least two out of four primary building systems (lighting, HVAC, building envelope, and qualified refrigeration systems) to qualify for the offering.

For more information on the new construction offering, download the on-demand webinar [here](#), or visit ComEd.com/NewConstruction.

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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