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March News and Smart Energy Tips

Public Water Infrastructure Educational Series Spring 2022

Register at sedac.org/water
CEU & PDH certificates available

Sponsored by the Illinois EPA Office of Energy and the
TEACH AD Program at UIC-ERC

SEDAC
SMART ENERGY DESIGN ASSISTANCE CENTER

UIC ENERGY RESOURCES CENTER

ILLINOIS SUSTAINABLE TECHNOLOGY CENTER
PRAIRIE RESEARCH INSTITUTE

“Exploring Co-Digestion and Combined Heat and Power (CHP) Options for Wastewater Systems”

Wastewater Field Day at the Kishwaukee Water Reclamation District in DeKalb, IL
April 7, 2022 9am - 12:30pm

Speakers include: Kishwaukee WRD, SEDAC, TEACH AD Program at UIC - ERC, US DOE Midwest CHP Technical Assistance Program

Funding provided in whole or in part by the Illinois EPA Office of Energy. This program is in partnership with the U.S. Dept. of Energy Sustainable Wastewater Infrastructure of the Future (SWIF) Accelerator for energy efficiency in wastewater treatment.

Illinois EPA: <http://bit.ly/WWTP-EE>

Join us for a Field Day:

Exploring Co-digestion & Combined Heat and Power Options for Wastewater Systems

Wastewater treatment plants in Illinois have a variety of opportunities to implement Co-digestion of food waste and other organic waste and use the produced biogas in Combined Heat and Power (CHP) units at their facilities. This field day will highlight the

considerations and challenges that the Kishwaukee Water Reclamation District has overcome to operate a successful Co-digestion CHP system. We'll provide an overview of the key components of net zero energy wastewater facilities, the key components of CHP and anaerobic digestion systems at wastewater plants and highlight funding and technical assistance to investigate opportunities at your plants. We will also tour the Kishwaukee Water Reclamation District and uncover their secrets to success.

This program is hosted by the Illinois EPA Office of Energy Public Water Infrastructure Program and the Technical Education and Analysis for Community Hauling and Anaerobic Digesters (TEACH AD) Program at University of Illinois Chicago Energy Resources Center (UIC-ERC).

To learn more and register for this event, follow the link:

Public Water Infrastructure Educational Series

Get Your Illinois Green Business Baseline

Find out how your business stacks up! The Illinois Green Business Program is offering a new way to get to know your environmental performance and discover opportunities to reduce operating costs - the Illinois Green Business Baseline. You'll receive a simplified climate impact report, an analysis of your energy and water consumption trends, customized recommendations and resources for your business, and recognition for your green practices.



The process is simple - an Illinois Green Business Program team member will be with you every step of the way. We will ask you some questions about your business and help track down utility data to complete the climate impact report. Then, we will walk you through the results and help identify which solutions will best help your business reduce costs and climate impact.

Interested in signing up? Contact us now!

Contact SEDAC

Learn more about the [Illinois Green Business Certification Program here](#).



SEDAC, in partnership with the State Energy Office of Illinois, is pleased to officially launch our [Building Energy Education \(BEE\) Fundamentals](#) Training Program (previously known as the Community College Energy Code Training Program)! This training program, funded by US DOE, teaches students and young professionals the basics of building energy efficiency and the energy code. The curriculum is free to use and adaptable for courses in community colleges, trade programs, and other building science programs. You are cordially invited to a webinar to celebrate the launch and learn more. College faculty and instructors, training providers, building professionals, code officials, and more are welcome to attend.

Illinois Launch of Building Energy Education Fundamentals

April 22, 2022 from 2:00 to 4:00 pm CDT

[Register here](#)

Train-the-trainer Virtual Workshop for All States

April 29, 2022 from 2:00 to 4:00 pm CDT (12 – 2pm PDT, 9 – 11am HT)

[Register here](#)

Energy Code Training

In addition to staying up to date on Illinois Energy Code topics, when you attend one of our [online workshops](#) or [webinars](#) or complete one of our [online on-demand courses](#), you can earn **continuing education credit** from the International Code Council (ICC). SEDAC is an ICC Preferred Education Provider. Our training events and online courses are also approved for continuing education credit by the American Institute of Architects (AIA).

Please join us for these [upcoming events](#):

Air Leakage and Blower Door Test

March 23, 2022 - noon to 1:00 pm [Register here](#)

ASHRAE 90.1-2019 vs 2018 IECC: Lighting & Electrical

April 12, 2022 – 1:00 to 2:30 pm [Register here](#)

Renewables & Zero Code

April 21, 2022 - 1:00 to 2:30 pm [Register here](#)

ASHRAE 90.1-2019 vs 2018 IECC: Performance Based Compliance

May 10, 2022 – 1:00 to 2:30 pm [Register here](#)

Passive House

May 19, 2022 - 1:00 to 2:30 pm [Register here](#)

2021 IECC Updates

May 25, 2022 - noon to 1:00 pm [Register here](#)

Energy Code: Testing & Verification (Guest Speaker: Todd Abercrombie at Midwest Building Performance)

June 14, 2022 - 1:00 to 2:30 pm [Register here](#)

Electric Vehicle Charging Stations

To address the challenges of rising gas prices, climate change, and dwindling fossil fuel resources, policymakers point to electrification as a potential solution. The



transportation sector in particular exhibits great promise to reduce negative externalities and change the way people live and work.

Many people appear reluctant to purchase an EV due to concerns about driving range and charger availability. How can EVs rival the convenience of gas stations and mileage over long trips? EV charging stations play a vital role by recharging EV batteries whose relative size and capacity can limit driving range. With charging stations made widely available across the country, EVs can drive long distances even when they cannot be recharged at home overnight.

This smart tip offers advice for building owners and organizations looking to install EV chargers.

[Read the Smart Tip](#)

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