

**ENERGY.GOV**

Office of  
**ENERGY EFFICIENCY &  
RENEWABLE ENERGY**

## Building Technologies Office

December 2023

### ***RESIDENTIAL ENERGY DISPATCH***

#### **Registration Open for Solar Decathlon Professionals Training®**

Are you a practicing professional in architecture or engineering ready to learn how to design zero energy buildings? The U.S. Department of Energy (DOE) has partnered with the U.S. Green Building Council to offer Solar Decathlon Professionals (SD Pro), a 10-week course that includes building science education modules, weekly virtual sessions with a live instructor, and a zero-energy design practicum. [Register](#) before January 5 for a reduced rate.



U.S. DEPARTMENT OF ENERGY  
**SOLAR DECATHLON**

#### **Buildings Upgrade Prize Phase 1 Winning Teams Announced**

The [Buildings Upgrade Prize \(Buildings UP\)](#) provides more than \$22 million in cash prizes and technical assistance to support the transformation of existing U.S. buildings into more energy-efficiency and clean energy-ready homes, commercial spaces, and communities. Forty-Five Phase 1 winners were chosen in two prize pathways: Equity-Centered Innovation and Open Innovation. View a

#### **Contents:**

[Solar Decathlon Professionals Training](#)

[Buildings UP Phase 1 Prize-Winners](#)

[New NREL Resource for States](#)

[Home Energy Score Update](#)

[Network Partner Recognition](#)

[Resource Toolbox](#)

[Peer Exchange Calls & Summaries](#)

[Quiz](#)

**[JOIN THE BETTER  
BUILDINGS RESIDENTIAL  
NETWORK](#)**

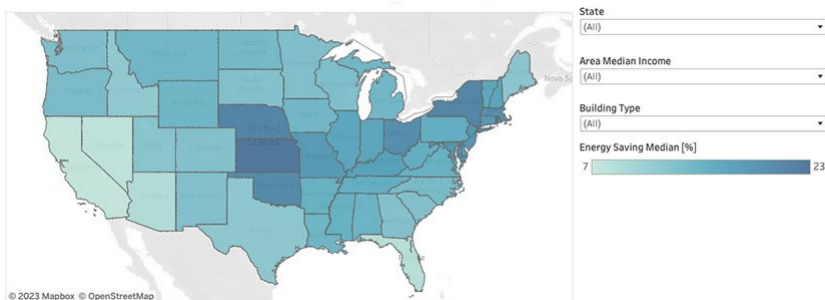
**Upcoming [Better Buildings Residential](#)**

full list of winning teams [here](#).



## State Level Residential Building Stock and Energy Efficiency & Electrification Package Analysis

The National Renewable Energy Laboratory (NREL) recently launched an interactive Tableau [dashboard](#) utilizing ResStock™ for states to analyze the impacts of energy efficiency and electrification measure packages on the residential building stock. Users can explore decarbonization pathways using the new and accessible online data resource [here](#).



## Home Energy Score™ Update

Ann Arbor, Michigan became the most recent U.S. city to [require sellers to obtain a Home Energy Score](#) from a Certified Assessor prior to publicly listing their homes for sale. The city's [Home Energy Rating Disclosure ordinance](#) goes into effect in March 2024.

## Network Peer Exchange Calls

Thursday, December 14

[The Potential of Whole-Home Lighting Systems and Low-Voltage Homes](#)

Thursday, January 11

[To be announced](#)

Thursday, January 25

[To be announced](#)

Thursday, February 8

[To be announced](#)

## Peer Exchange Call Summaries

All summaries, which contain speaker PowerPoint presentations, can be found on the [Better Buildings Residential Network Peer Exchange Call Summaries](#) webpage:

Thursday, October 26

[Transition: Office to Multi-Family Building Conversions and Efficiency](#)

Thursday, November 9

[Residential Storage - An Essential Piece of the Climate Puzzle](#)

## Quick Quiz

True or False? Geothermal heat pumps work only in hot climates. (Answer at bottom.)

U.S. DEPARTMENT OF ENERGY  
**Home Energy Score™**



### Partner Recognition

The [Better Buildings Residential Network](#) welcomes its newest members: [The American Association of Blacks in Energy](#) and [Comfortably Green, LLC](#).

If your organization is not yet a member, click here to [join](#).

### Resource Toolbox



- [Better Buildings Residential Network Peer Exchange Call Lessons Learned](#), U.S. Department of Energy (DOE)
- [Better Buildings Residential Program Guide](#), U.S. Department of Energy
- [Disaster Resistance Tool](#), Pacific Northwest National Laboratory
- [Green Buildings Career Map](#), U.S. DOE
- [Home Improvement Expert](#), U.S. DOE
- [Smart Tools for Efficient HVAC Performance \(STEP\) Campaign](#), U.S. DOE
- [Storm Window and Insulating Panel \(SWIP\) Campaign](#), U.S. DOE
- [Very High-Efficiency Heat Pumps for Multifamily Resource Guide](#), International Center for Appropriate and Sustainable Technology (ICAST) and U.S. DOE

## Share the Residential Energy Dispatch Newsletter



Forward this email to colleagues or encourage them to sign up to receive each issue. To subscribe, simply email the Better Buildings Residential Network at [bbresidentialnetwork@ee.doe.gov](mailto:bbresidentialnetwork@ee.doe.gov).

Quiz answer: [False](#). You can use a geothermal heat pump anywhere.

The energy comes from just a few feet below ground (30 feet is average), where temperatures are constant year-round - that means lower than average air temperatures in summer and, for cold climates, higher than average air temperatures in winter - because rocks and soil can store thermal energy. Geothermal heat pumps take thermal energy removed from buildings and store it in the ground during summer to keep buildings warm in the winter. The climate in a particular region doesn't matter much, except that it can help determine the type and size of heat pump needed.

DOE Twitter 

EERE Facebook 

EERE LinkedIn 

Update your subscriptions, modify your password or e-mail address, or stop subscriptions at any time on your [Subscriber Preferences Page](#). You will need to use your e-mail address to log in. If you have questions or problems with the subscription service, please contact [support@govdelivery.com](mailto:support@govdelivery.com).

This service is provided to you at no charge by DOE's Office of Energy Efficiency & Renewable Energy (EERE). Visit the Web site at [eere.energy.gov](http://eere.energy.gov).