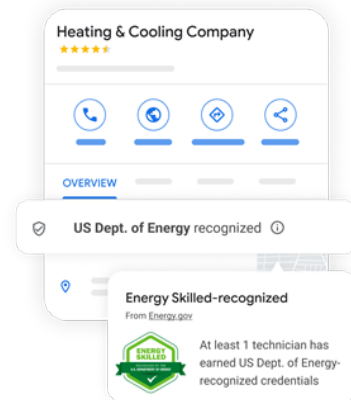


RESIDENTIAL ENERGY DISPATCH

JANUARY 2025

DOE-Google Collaboration Will Help Consumers Identify Qualified Technicians for Home Energy Upgrades

The U.S. Department of Energy is collaborating with Google to highlight contractors with Energy Skilled-recognized credentials, making it easier for homeowners to select qualified local technicians.



[Learn More](#)

DOE Invests \$32M for Grid-Edge Technologies and Smart Charge Management in Connected Communities Projects

The U.S. Department of Energy announced \$32 million for six selected pilot projects that will support new load growth through grid-edge innovations and the ability of energy providers to right-size grid investments for future load growth.

[Learn More](#)

Energy Efficient Commercial Buildings Tax Deduction Calculations Made Easier with New Tools

The U.S. Department of Energy released the [179D Portal](#), which hosts two free tools to estimate potential federal tax deductions for installing eligible energy efficient technologies in commercial buildings. The tool currently applies only to office buildings and strip malls, with certain building characteristics

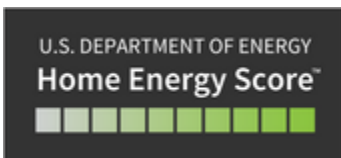
[Read More](#)

2024 BTO Accomplishments

Check out the accomplishments of the U.S. Department of Energy's Building Technologies Office from the 2024 fiscal year.

[Learn More](#)

Home Energy Score Updates



The U.S. Department of Energy's Office of State and Community Energy Programs (SCEP) provided guidance to help states and territories develop their market transformation plans that are required as part of their rebate programs. The guidance includes a sample plan for [Valuing Energy Efficiency in Real Estate Markets](#), which includes Home Energy Score as part of a successful home energy labeling strategy.

In addition, a new report from the National Association of State Energy Officials (NASEO), [Utilizing Home Energy Score to Prioritize Energy Efficiency Investments](#), outlines how state

energy offices can use Home Energy Score to prioritize energy efficiency spending on homes with the greatest energy vulnerability and opportunity for efficiency gains.

New Report: Financing Energy-Efficient Manufactured Housing

In collaboration with the National Association of State Energy Officials, the [Financing Energy-Efficient Manufactured Housing: A Guide for State and Local Agencies](#) builds upon findings from a Manufactured Housing Task Force co-led by DOE, discussions with state energy and housing agencies, and conversation with other stakeholders.



[Read the Report](#)

Industrialized Construction Projects Show Promise for Delivering High-Performance Buildings at Scale

Projects related to BTO's Advanced Building (ABC) Initiative use innovative solutions that could drastically increase the speed and scale of delivering high-performance, resilient buildings.

[Read More](#)

Attention: Insulation Contractors

BTO's Emerging Technologies Collaborative for Buildings (ETCB) is interested in hearing from contractors regarding collaborative robotics, or cobotics, (wearable exoskeletons,

detectors and sensors, drones, etc.) technologies for the building envelope retrofit workforce.

If you are interested in assisting the DOE in better understanding industry gaps and opportunities and are willing to take part in a 20-minute interview, please contact Blake Lajiness (blajiness@guidehouse.com) to learn more.

Building America

Spotlight: Evaluating Energy-Efficient Retrofit Approaches

Which retrofit solutions have the greatest value for resource-constrained building owners? The Building America Retrofit Solutions Team led by Cycle Retrotech aims to find out by evaluating and validating incremental techniques for retrofits such as window unit heat pump installations from the New York City Housing Authority's Clean Heat for All program.

Read about their plan to evaluate retrofit approaches and develop decision-making data.

[Learn More About this Project](#)

New Report! Advanced HVAC Humidity Control



Managing indoor humidity is a challenge made more difficult with tight building construction and modern efficient space conditioning equipment. To close the gap, Home Innovation Research Labs worked with manufacturers to increase the dehumidification capability of central-ducted HVAC systems.

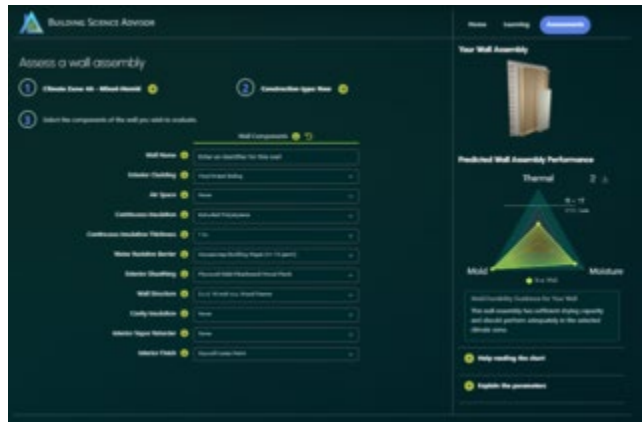
Find out how to control indoor humidity with conventional equipment that is easy to set up and works across brands, models, and efficiency levels.

[Read the Full Report](#)

Updated Version of the Building Science Advisor Released

U.S. Department of Energy’s Building America Program has released the latest version of the Building Science Advisor (BSA). BSA teaches building science principles and informs residential building designers on how to specify energy efficient, moisture durable wall systems.

BSA is an educational tool designed for builders, architects, engineers, and students to accelerate workforce training by providing a more intuitive way to learn building science.



[Learn More](#)

Better Building Residential Network

Gilly Plog to lead the Better Buildings Residential Network

Starting in late December 2024, Megan “Gilly” Plog became the new lead for the Better Buildings Residential Network. She brings a plethora of experience as she also runs the Home Energy Score and Home Performance with ENERGY STAR programs, along with working on the Buildings Upgrade Prize, and more. You can hear more from Gilly on one of the upcoming Peer Exchange Calls (listed below).

Partner Recognition

The Better Buildings Residential Network welcomes its newest members: [Affordable Insulation](#)

Interested in becoming a member?

[Join The Residential Network](#)

Upcoming Peer Exchange Calls

January 23

[Known Unknowns: Key Energy-Efficiency Trends in the New Year](#)

February 13

[New Research Insights on Indoor Air Quality and Ventilation Across U.S. Regions](#)

Missed a call or want to review a speaker presentation? All summaries for past calls can be found on our [Peer Exchange Call Summary webpage](#).

[Subscribe for the Latest Updates](#)

Questions or concerns? [Email Us](#)

Resource Toolbox

[Better Buildings Residential Network Peer Exchange Call Lessons Learned](#), U.S DOE; slides from all previous Peer Exchange Calls.

[Building America Solution Center](#), U.S. DOE; information on hundreds of high-performance construction topics.



Share the Residential Energy Dispatch Newsletter



Forward this email to colleagues or encourage them to sign up to receive each issue. Subscribe below.

[Subscribe to Newsletter](#)

Follow DOE on Social



Follow EERE on Social



©2025 U.S. Department of Energy Office of Energy Efficiency and Renewable Energy

Update your subscriptions, modify your password or email address, or stop subscriptions at any time on your [Subscriber Preferences Page](#). You will need to use your email address to log in. If you have questions or problems with the subscription service, please visit [Subscriber Help](#).

This service is provided to you at no charge by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Visit the website at [Energy.gov/EERE](https://www.energy.gov/EERE).