

# **Residential Energy Efficiency Panel**

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**MWCOG, November 17, 2021**

# Agenda

- Bio
- Better Buildings Residential Network
- Health and Home Performance Initiative
- Diversity, Equity, and Inclusion
- Smart Diagnostic Tools Campaign
- Pipeline - Infrastructure Law



# Better Buildings Residential Network

**Better Buildings Residential Network:** Connects energy efficiency programs and partners to share best practices and learn from one another to increase the number of homes that are energy efficient.

**Membership:** Open to organizations committed to accelerating the pace of home energy upgrades.

## **Benefits:**

- Peer Exchange Calls, 2/mo
- Tools, templates, resources
- Recognition: media, materials
- Speaking opportunities
- Updates on latest trends
- Voluntary member initiatives
- Residential Program Solution Center

**Commitment:** Provide DOE with one, annual number of residential upgrades, and optional information about associated benefits.

# Peer Exchange Calls

- Series >7 years; >300 summaries, [energy.gov/eere/bbrn](https://energy.gov/eere/bbrn)
- 2x/month – 2<sup>nd</sup> & 4<sup>th</sup> Thursday, 1 pm ET
- Call schedule:
  - Dec. 9: Heat Pumps at Scale, the Game Changer – Where Are We Now, and What Will It Take?
  - Nov. 18: Overcoming Homeowner Lack of Efficiency Knowledge
  - Oct. 28: Remodeling – The Biggest Untapped Efficiency Opportunity?

# DOE Health + Energy Efficiency Infographic

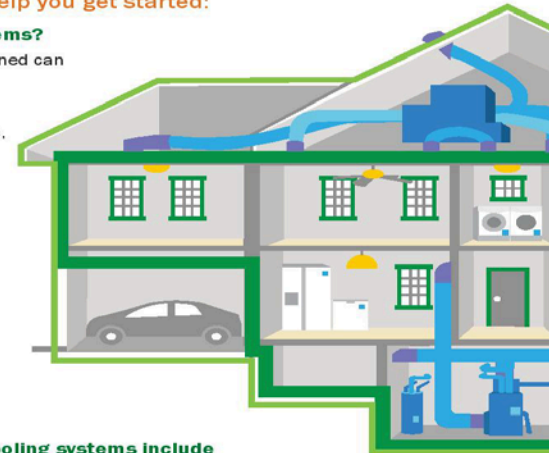
- **WHO**: Res EE programs, partners (contractors+)
- **WHAT**: Visual aid, trusted source
- **WHERE**: IRL or digitally
- **WHY**: Most do not get link btw home, health & efficiency
- **CONTRACTORS**: Find qualified networks

## Do You Have a “Healthy Home?”

A qualified contractor can help you assess and address indoor air quality, improve your comfort, and cut your utility bills.

Answers to a few basic questions can help you get started:

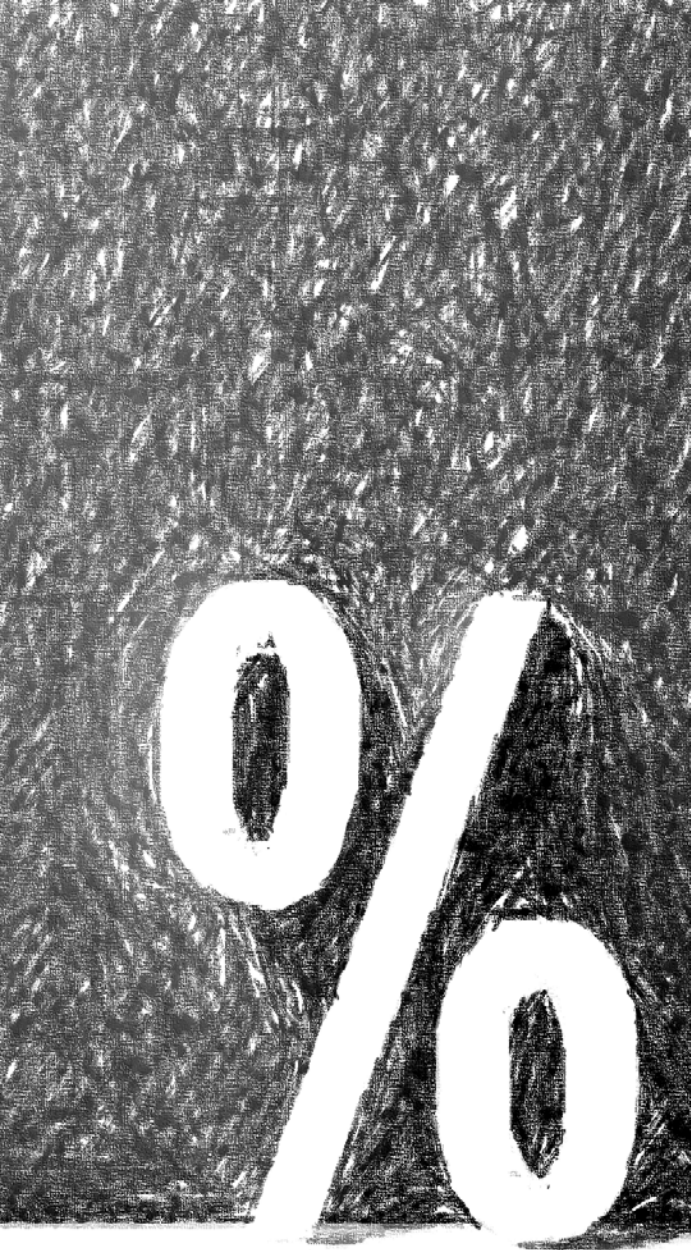
- **How old are your heating and cooling systems?**  
Ensuring your system is updated and well maintained can save money and improve health and comfort.
- **Is your home insulated?**  
Properly installed insulation in your walls and attic, at levels recommended for your home's climate, will cut bills, and improve comfort.
- **Have you ever noticed mold in your home?**  
Visible mold likely means humidity levels need to be better addressed or indicates a potential leak or water damage.
- **Are your windows caulked and doors weather-stripped?**  
These relatively simple fixes reduce air leaks and help maintain indoor temperature levels.
- **Are your appliances ENERGY STAR® rated?**  
ENERGY STAR appliances are energy efficient and help you save money.
- **Do you know if your home's heating and cooling systems include proper levels of ventilation?**  
Effective ventilation is important for both health and safety. Ventilation, along with frequently replaced air filters, can help make sure your home is bringing in fresh air as needed, and keep out pollutants when outdoor air quality is poor due to ozone, fire, or other factors.



### GET started

#### FIND A QUALIFIED CONTRACTOR:

- Home Performance with ENERGY STAR® at [ENERGYSTAR.gov/HomePerformance](https://ENERGYSTAR.gov/HomePerformance)
- Building Performance Institute at [bpi.org/locator-tool](https://bpi.org/locator-tool)



# What is Justice40?

40% of the overall benefits of certain Federal investments—including:

- Investments in clean energy and energy efficiency; clean transit;
- Affordable and sustainable housing;
- Training and workforce development;
- Remediation and reduction of legacy pollution;

—must flow to disadvantaged communities

EO 13985, “Advancing Racial Equity & Support for Underserved Communities Through USG” Sec. 223, est’d **Justice 40**

# HVAC Smart Diagnostic Tools Campaign

- **WHO**: DOE, PNNL, campaign participants
- **WHAT**: Smart diagnostic tools determine faults in ASHPs and CACs by pairing a suite of digital gauges with a smart phone
- **WHY**: Ensure high-performance HP efficiency, maintain high performance
  - Reduce contractor callbacks
  - Deliver comfort, energy savings, and low carbon heating to homeowners
- **GOAL**: Accelerate smart diagnostic tool adoption w/ tech assistance, & resources
  - Implementation best practices for contractors and installers



# Thank You

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[www.energy.gov/eere/bbrn](http://www.energy.gov/eere/bbrn)