



# **COMPREHENSIVE BUILDING SOLUTIONS PROGRAM**

# A CLIMATE TO THRIVE

We are Mount Desert Island residents, businesses, and towns **working together to achieve energy independence by 2030 and make MDI an inspiring epicenter of citizen engagement, sustainability, and economic vitality.**

ACTT was born over potluck picnic tables in the fall of 2015.



# COMPREHENSIVE BUILDING SOLUTIONS PROGRAM

will encompass **weatherization, solar, heat pumps, heat pump hot water heaters, & battery storage**, while providing information about electric appliances (such as induction stoves), & quick-fixes like LED light bulbs, low-flow shower heads & WindowDressers.

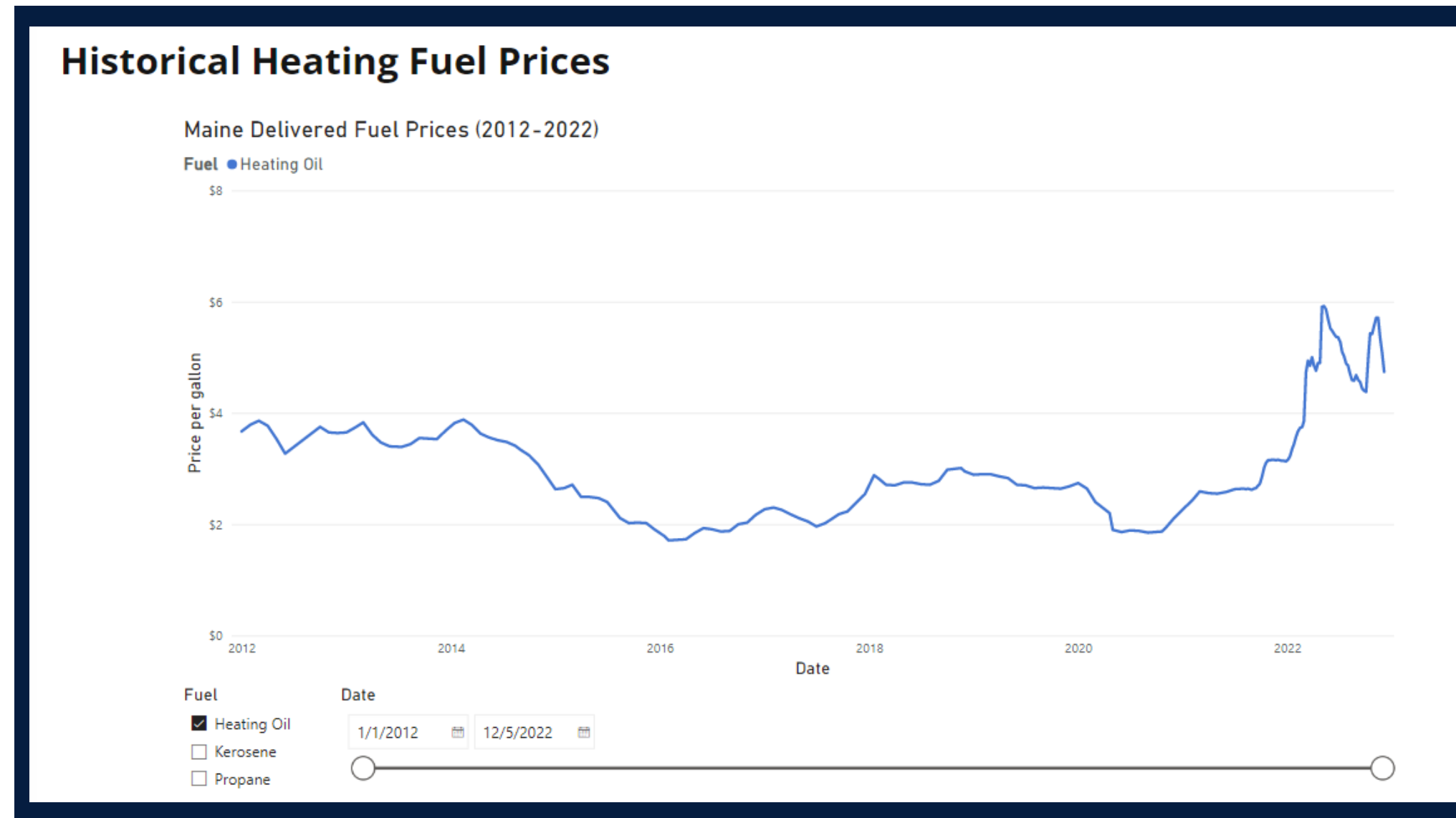


# The Need

- Buildings are responsible for about **30%** of Maine's gross GHG emissions.
- 94% of CO<sub>2</sub> emissions from residential buildings comes from burning petroleum products (like fuel oil).

# The Need

- 58% of homes in Maine rely on heating oil. This is the highest in the country. (US average ~4%)
- Maine has the 8th oldest housing stock in the country.





# The Need

"at current rates, **it will take approximately 500 years to complete whole-building retrofits on all residences** (homes and apartments) and more than 60 years to complete such retrofits on all commercial buildings [in the United States]." -ACEEE 2020

# The Need

- Transitioning to an efficient, electric home is becoming increasingly economical (due to increased funding from the federal government), yet the process can still be daunting and confusing for homeowners, especially when considering multiple technologies.

# The Need

- Renters have few options for improving the efficiency, comfort and affordability of their homes.



# Why a Comprehensive Approach

- Consider how upgrades complement each other & act as pieces of the puzzle to transition your home in a way that maximizes benefits.
- Make a plan and a budget to avoid being caught off guard by emergency replacements.
- Start at a place that makes sense for your home or budget, whether that be a larger investment (like solar) or low-hanging fruit like air sealing or low-flow shower heads.

# Program Goals

- Increase the number of heat pump, heat pump hot water heater, solar, and weatherization projects on MDI.
- Increase **community understanding** of the full suite of strategies to transition a home off fossil fuels, and the optimal approach to doing so.
- Increase community understanding of the financial incentives available to support their transition off fossil fuels.
- Create a **model that can be replicated** in other communities.

# Program Components

- Website
- Workshops
- Community Energy Advocates
- Partnerships with trusted contractors

# Community Workshop

- 9:30am–1:30pm on January 14th at the MDI High School
- Workshops on
  - The comprehensive approach for home retrofits
  - Financing
- Opportunity for one-on-one conversations with contractors & ACTT staff.

# Energy Advocates

Group of trained community volunteers

- Receive basic training on technologies, the comprehensive approach, & available financing
- Initial screening call with participants to route them to the appropriate contractor
- Follow-up with participant & serve as a resource throughout.
- Allow for consistent communication & support for participants

# Benefits for Participants

- Support understanding the comprehensive approach & where to start
- Education to explain and simplify the process
- "Hand-holding" by energy advocates
- Confidence working with recommended contractors



# Interested in ACTT?

- Sign-up for our newsletter
- Join monthly Local Leads the Way Calls
- Sign-up for our Statewide Climate Ambassadors Program (March 2023)

# THANK YOU!

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