



CT State Heat Pump Pilot Technical Conference

Housekeeping

O Please make sure your microphone is muted when you are not speaking and note that we are recording this meeting.

O Please use the raise hand function if you would like to speak today.

O If attendees are having difficulty hearing, please let us know in the Q&A function and we will do our best to address the issue.

O Questions can also be posted during the meeting using the Q&A function. The team will be checking in on that periodically. The chat has been disabled as the Q&A function enables easier tracking for DEEP staff.

O Questions and comments posted in the Q&A will become part of the record, however there is no guarantee that we will get to them during this meeting.

O If anyone is having trouble accessing the Q&A function, please raise your hand now – we want to ensure everyone has access.

Agenda

Welcome and Introduction (5 Minutes)

Background on New England Heat Pump Accelerator and State Pilot Program (10 minutes)

Overview of Potential Program Designs (10 minutes)

DEEP Facilitated Discussions (15-22 minutes)

Public Comment (10 minutes)

Next Steps (2 minutes)

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Background

New England Heat Pump Accelerator
CT State Pilot Programs

Accelerator Overview and Objectives



The New England Heat Pump Accelerator will leverage a multistate market to rapidly accelerate adoption of affordable heating and cooling solutions in cold-climate air-source heat pumps (ASHPs), heat pump water heaters (HPWHs), and ground source heat pumps (GSHPs) in single-family and multifamily residential buildings across the region.



The Accelerator is designed to achieve greenhouse gas (GHG) pollution reductions by overcoming barriers to residential building electrification and making affordable heat pumps standard practice in the HVAC and water heating industries.



The Accelerator aims to provide building appropriate and affordable heating and cooling choices for households in coalition states.

Overview of Accelerator Program Hubs



Market Hub: Engage manufacturers, distributors, and contractors to drive the sales, stocking, and quality installation of heat pumps suited to New England's climate and housing stock. Includes two components: midstream incentives for wholesale distributors and workforce development for contractors. (\$270 Million)



Innovation Hub: State- and community-level grants to help overcome barriers to heat pump adoption for low-and-moderate (LMI) households and communities. Community-based groups can apply for community-level grants. (\$82.8 Million)



Resource Hub: Public online platform to share training resources on heat pump installation, sizing, and operation, and lessons learned across the region. (\$12.8 Million)

State Pilot Programs and Community Grants

INNOVATION HUB

Overcome barriers for Low-and-Moderate Income Households

1-2 State Heat Pump Pilots in each State
(\$12M to \$14M total budget per state)

20-40 Heat Pump Community Grants throughout all states
(\$100K-\$400K per grant)

State Pilot Timeline

Timeline for Pilot: Large Program

- Procurement: February-March, 2026
- Contract Execution: April-May, 2026

Timeline for Optional Second Pilot: Small Program

- Procurement: November-December, 2026
- Contract Execution; January-February, 2027

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Overview

Potential Pilot Program Concepts

State Pilot - High Level Goals

Replacement Program

- Propel the adoption of affordable cold climate air-source heat pumps, heat pump water heaters, and/or other efficient, electric heat pump technologies in single-family and/or multi-family residential buildings.
- Increase the adoption of lower emitting heat pump alternatives in emergency and end of useful life replacement situations
- Find affordable heat pump solutions responsive to Connecticut's housing types
- Help Connecticut meet the state's GHG emissions reduction goals
- Expand affordable choices in existing replacement programs that now direct into like for like replacement
- Provide affordable cooling, especially among vulnerable populations

Proposed Replacement Program Large Program

DEEP's interest in affordability led it to consider a Pilot(s) focused on situations where the purchase of new heating and cooling equipment and/or hot water heaters is a non-discretionary purchase.

These are situations where an existing heating, ventilation, and air conditioning (HVAC) or hot water system is nearing the end of its useful life, has maintenance issues connected with system age and obsolescence, or has failed.



Proposed Hydronic Pilot Small Program

DEEP is also seeking input on an additional small pilot for heat pump installations that take advantage of existing heating infrastructure in the older housing stock that has hydronic heat distribution systems.



Challenges and Opportunities

In addition to the program goals, we anticipate challenges. We welcome your input on how to address these challenges, and others listed in the Request for Information (RFI):

- Overcome barriers to align the Pilot with existing weatherization, energy and financing programs
- Overcome barriers to effective referral and eligibility screening
- Overcome barriers to heat pump installations in cases of HVAC and Water Heater failures
- Overcome barriers to use of existing building infrastructure to accommodate heat pump solution (i.e. hydronic heat pumps)

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DEEP Facilitated Discussion

Connecticut Department of Energy & Environmental Protection

Facilitated Discussion

Question

How do we best ensure that heat pumps are considered for emergency and end of useful life replacements in cases where it is affordable?

Facilitated Discussion

Question

How can we best facilitate alignment with existing energy programs in CT?

Facilitated Discussion

Question

What can we do to make building owners, contractors and other parties comfortable executing this program for emergency and end of useful life replacement to heat pumps, including making these parties comfortable with temporary installs in cases where it is required?

Facilitated Discussion

Question

If we accommodate both HVAC and water heaters, do you think we should have a separate administrator for each program? Do you think we should accommodate both types of systems?

Facilitated Discussion

Question

What are the promising heat pump technologies that have the potential to increase the affordability of heating and cooling and reduce greenhouse gas pollution that would benefit from further test applications in the region?

Is it important to demonstrate heat pump technologies that can integrate with existing hydronic systems?

Public Comment

For remote participants:



Use the "Raise Hand" function if you would like to make a comment



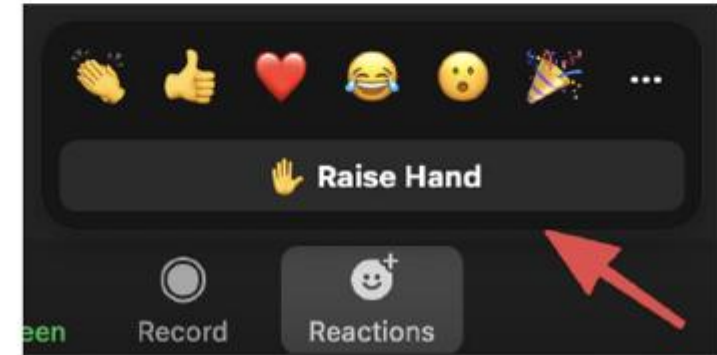
When you are called on, please "unmute" yourself or wait for the host to do so



Keep comments to **3 minutes**



Put yourself back on "mute" when you are done speaking or allow the host to do so



Next Steps

Respond to the RFI: [ct-heat-pump-pilot_rfi_11325.pdf](#)

The deadline to submit responses to this RFI is **December 5, 2025, at 12:00 p.m. (noon) ET**, via email to Deep.EnergyBureau@ct.gov and include “Accelerator State Grant RFI” in the subject line of the email.

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