

EPA Climate Pollution Reduction Grants – Implementation Grants New England Heat Pump Accelerator: Cover Page

Applicant Information

- **Organization:** Connecticut Department of Energy and Environmental Protection
- **Primary Contact Name:** Hank Webster
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- **Type of Application:** Lead Application for a Coalition
 - **Coalition Members:** Connecticut Department of Energy and Environmental Protection, Maine Governor’s Office of Policy Innovation and the Future, Massachusetts Department of Energy Resources, New Hampshire Department of Environmental Services, and Rhode Island Office of Energy Resources
- **Funding Request:** \$500,000,000
- **Application Title:** New England Heat Pump Accelerator
- **Brief Description of GHG Measures:** Adoption of cold-climate air-source heat pumps (ASHP), heat pump water heaters (HPWH), and ground source heat pumps (GSHPs) in single-family and multifamily residential buildings
- **Sector(s):** Commercial and Residential Buildings

Expected Total Cumulative GHG Emissions Reductions

- **Estimated Cumulative GHG reductions for 2025-2030:** 2,455,236 MT
- **Estimated Cumulative GHG Reductions from 2025-2050:** 10,057,729 MT
- **Locations:** Connecticut, Massachusetts, Rhode Island, New Hampshire, and Maine
- **Applicable Priority Climate Action Plans (PCAPs) on Which Measures Are Based**
- **PCAP Titles and Websites:**
 - **Connecticut: EPA Climate Pollution Reduction Grant Planning Grant First Deliverable: A Priority Climate Action Plan,** <https://www.epa.gov/system/files/documents/2024-03/connecticut-state-pcap.pdf>
 - **State of Maine Priority Climate Action Plan,** <https://www.epa.gov/system/files/documents/2024-03/maine-pcap.pdf>
 - **Massachusetts Priority Climate Action Plan,** <https://www.epa.gov/system/files/documents/2024-03/massachusetts-pcap.pdf>
 - **State of New Hampshire, Priority Climate Action Plan,** <https://www.epa.gov/system/files/documents/2024-03/state-of-new-hampshire-priority-climate-action-plan.pdf>
 - **Rhode Island, Priority Climate Action Plan,** <https://www.epa.gov/system/files/documents/2024-03/rhode-island-pcap.pdf>

- List of GHG reduction Measures and PCAP Page Reference for Each State

GHG Reduction Measure	PCAP Title(s) and Page Numbers
“Support increased adoption of heat pumps statewide” and “Support deployment of networked geothermal systems”	Connecticut: EPA Climate Pollution Reduction Grant Planning Grant First Deliverable: A Priority Climate Action Plan <ul style="list-style-type: none"> • Appendix I-7 page(s) 83-91 • Appendix I-10 page(s) 106-115
“Transition to cleaner heating and cooling systems and efficient appliances”	State of Maine: Priority Climate Action Plan <ul style="list-style-type: none"> • page(s) 27
“Decarbonizing Building Heating Systems”	Massachusetts Priority Climate Action Plan <ul style="list-style-type: none"> • Page(s) 64-66 • Appendix G – B2 page(s) 117-119
“Heat Pumps to Improve Energy Efficiency of Space and Water Heating of Buildings”	State of New Hampshire: Priority Climate Action Plan <ul style="list-style-type: none"> • Page(s) 62-66, 96 • Appendix A page(s) A3-A7
“Increase Residential and Commercial Heat Pump Adoption”	State of Rhode Island Priority Climate Action Plan <ul style="list-style-type: none"> • Page(s) 32-34 • Appendix 2-J