**Energy Efficiency** in Rhode Island

Home Heating in RI

Clean Heat RI

Clean Heat RI (con.)

Clean Heat RI (cor

**Energy Efficiency in Rhode Island: Status and Programs** 

## Did You Know?

Becoming more energy efficient not only cuts down on our energy bills, but it also reduces the amount of new energy infrastructure (poles, wires, powerplants and substations) needed to keep up with demand. This lowers costs for everyone connected to the grid. Rhode Island has long encouraged investments in energy efficiency, which is the most affordable way to reduce our greenhouse gas emissions

Rhode Island is a nationally-recognized leader in energy efficiency and has consistently ranked in the top five most energy efficient states in the country. Rhode Island's energy efficiency programs offer homeowners, renters, businesses, and municipalities a variety of opportunities to save energy and reduce utility bills.

Looking for a useful resource to explain your electric bill or how to lower it? Visit the Energy Explained RI Video Series by the RI Energy Efficiency Council!

## In This Section-

- 1. Home Heating in RI
- 2. Clean Heat Rhode Island
- 3. Energy Efficiency: Benefits to RI

Use navigation boxes above to explore the data.

## Why It Matters

Saving energy through efficiency reduces the need to use fossil fuels, thereby preventing greenhouse gas emissions. Efficiency also reduces the need for additional infrastructure related to electricity generation, lowering costs for all consumers. To reach our greenhouse gas reduction goals, Rhode Island is prioritizing investments in energy efficiency measures that cost less than purchasing additional energy supplies.

There are lots of ways to become more energy efficient. You can install LED light bulbs, reinsulate your home, invest in energy star appliances and smart controls such as Wi-Fi thermostats. Schedule a free energy audit for your home or business to find out what programs may be available to help pay for your energy efficiency upgrades. Call 1-888-633-7947 for information.

Learn More about Energy Efficiency in Rhode Island Schedule a no-cost Home Energy Assessment



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#### EC4 Dashboard: Energy Efficiency

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#### **Energy Efficiency in Rhode Island: Home Heating**

Source: American Community Survey (2022)



## **Did You Know?**

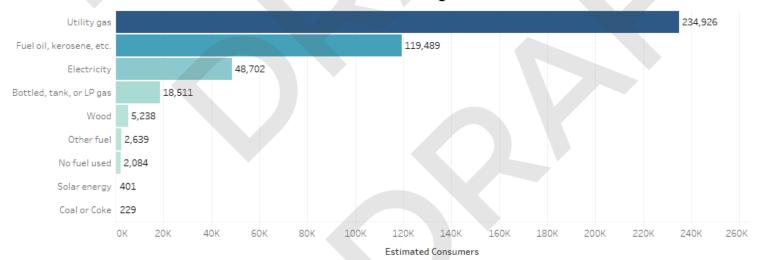
To heat and cool your home, there are two overarching fuel types you can use: renewables and fossil fuels. Renewables come from energy sources that can be renewed, like wind power or plants. Fossil fuels are energy sources that can only be used once, and when burned, add more greenhouse gases to our atmosphere. Making investments to reduce how much fuel you use, choosing the right technology to heat/cool your home and investing in renewables can make a big difference in your energy bills.

Learn more at: https://energy.ri.gov/heating-cooling

## Why It Matters

Currently, the thermal sector – technology that converts power into heating or cooling – accounts for one-third of statewide greenhouse gas emissions. The adoption of electric heat will assist Rhode Island in the fight against climate change and to achieve the mandatory greenhouse gas emissions (GHG) reduction goals outlined in the 2021 Act on Climate.

#### How are Rhode Islanders Heating Their Homes?



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Energy Efficiency in Rhode Island

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Clean Heat RI (con.)

Clean Heat RI (cor

#### Energy Efficiency in Rhode Island: Clean Heat Rhode Island

Source: Clean Heat Rhode Island





Clean Heat RI offers incentives to assist homeowners, non-profits, and small-to-mid-size business owners with the purchase and installation of high-efficiency electric heat pumps, with an emphasis on families in environmental justice communities, minority-owned businesses, and community organizations.

Learn more at https://cleanheatri.com/

## CO<sub>2</sub> Reduction

The lifetime CO<sub>2</sub> savings for paid incentives is **229,463.2** tons.

This is equivalent to the CO<sub>2</sub> emissions from **27,956 homes' energy use** for one year!

#### Number of Applications Paid per Month by Incentive Type

Residential	Commercial	Income Eligible		
150				
195				
186	1	4		
216	3	2		
119	15	5		
192	1	3		
216	15	2		
218	22	16		
259	8	16		
347	11	11		
343	16	27		
274	8	12		
297	14	28		
218	28	15		
305	19	31		
286	17	51		
	150 195 186 216 119 192 216 218 259 347 343 274 297 218	150 195 186 1 216 3 119 15 192 1 216 15 218 22 259 8 347 11 343 16 274 8 297 14 218 28 305 19		

# Lifetime CO<sub>2</sub> (tons) Saved for Paid Incentives by Type

Residential	Commercial	Income Eligible
156,719	62,920	9,824

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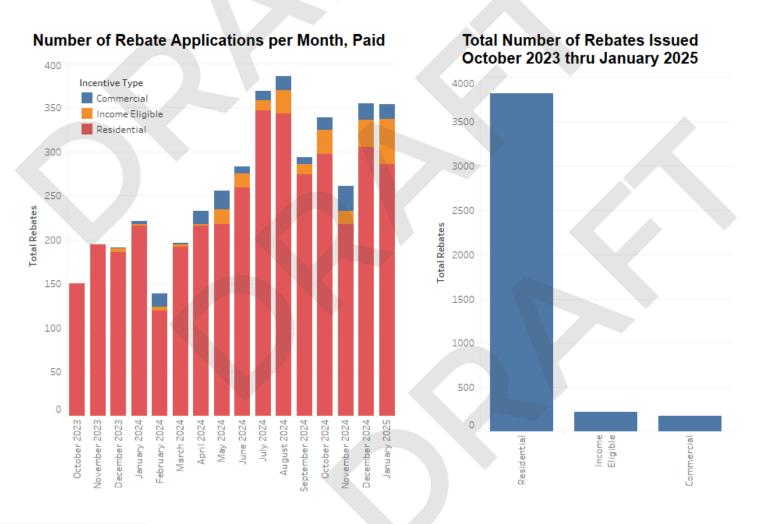
\*Note: This data is current through Jan. 2025. For most up-to-date Clean Heat statistics, visit https://cleanheatri.com/resources/program-statistics/

<	Energy Efficiency in Rhode Island	Home Heating in RI	Clean Heat RI	Clean Heat RI (con.)	Clean Heat RI (cor	>

## Energy Efficiency in Rhode Island: Clean Heat Rhode Island (con.)

Source: Clean Heat Rhode Island





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\*Note: This data is current through Jan. 2025. For most up-to-date Clean Heat statistics, visit https://cleanheatri.com/resources/program-statistics/



## Energy Efficiency in Rhode Island: Clean Heat Rhode Island (con.)

Source: Clean Heat Rhode Island, RIGIS



#### Rebates Issued by Municipality

Select Municipality Highlight Municipality Providence Narragansett Warwick Cranston Portsmouth Barrington East Providence North Kingstown Cumberland East Greenwich Coventry Bristol Johnston Middletown Pawtucket Newport Charlestown West Warwick Smithfield Hopkinton Lincoln South Kingstown Jamestown Tiverton 100 300 400 Total Rebates © 2025 Mapbox © OpenStreetMap

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\*Note: This data is current through Jan. 2025. For most up-to-date Clean Heat statistics, visit https://cleanheatri.com/resources/program-statistics/

Heating in RI

Clean Heat RI

Clean Heat RI (con.)

Clean Heat RI (con.)

Energy Efficiency:
Benefits to RI

#### **Energy Efficiency in Rhode Island: Benefits**

Source: RI Energy Efficiency Council (EEC)



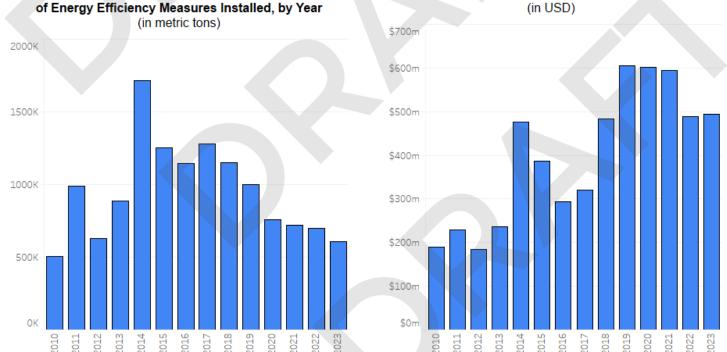
# How are Energy Efficiency Programs Benefiting Rhode Islanders?

Highlight Year

Highlight Year

Greenhouse Gas Emissions Avoided Over the Lifetime of Energy Efficiency Measures Installed, by Year (in metric tons)

\$700m



\*Note (1): Years listed reflect data within that calendar year. EEC annual reporting reflects data from the previous calendar year, e.g. the 2024 annual report shows 2023 data.

\*Note (2): For GHG emissions, data for years 2010, 2011, and 2012 have been converted from short tons to metric tons.

\*Note (3): The RI EEC was formerly known as the RI Energy Efficiency & Resource Management Council (EERMC).