

ENERGY EFFICIENCY CASE STUDY

Cape and Vineyard Electrification Offering



THE NEED:

To help residents reduce and offset energy usage and the dependence on fossil fuel home heating systems.

THE SOLUTION:

The development of a decarbonization pathway provided at no-cost to the homeowner.

46 MMBTUs
estimated annual
energy savings

\$108,179
in incentives

190%
historic electric usage
offset by solar

In 2023 the Cape Light Compact launched the Cape and Vineyard Electrification Offer (CVEO). CVEO is a comprehensive strategic electrification program that combines home weatherization with cold climate heat pumps, solar panels, and, if applicable, battery storage, heat pump hot water heaters, and electric stoves for eligible income qualified residents.

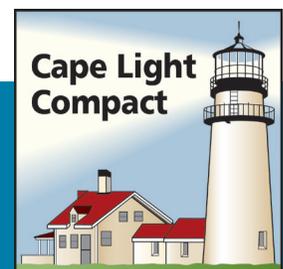
Ann purchased her home, a quaint one-story ranch, just over ten years ago. In the winter she used an oil boiler to heat the home, and relied on Window AC units to cool in the summer. She received an energy assessment and insulation through the Compact and Mass Save's program, but felt the cost of any additional upgrades would be too steep considering the furnace was still in working order.

However, the rising cost of oil made heating her home more expensive each year. When Ann learned about the Compact's CVEO program through a colleague at work, she knew she had to participate.

The CVEO program was able to install cold climate heat pumps, solar panels, a heat pump hot water heater, a battery storage system, and update the electrical panel at this property, all at no cost to Ann. The new systems installed eliminated her dependence on fossil fuels, and significantly reduced her monthly energy costs.

I'm so much more comfortable at home with the new system, and my electric bills have been zero since the work was finished. I am grateful that I had the opportunity to participate in the program.

-Ann Rebello, Homeowner and CVEO Participant



CapeLightCompact.org
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