



Rhode Island Energy™
Efficiency Programs

Energy efficiency updates benefit tri-level home

North Providence, RI Home Project

Exploring ways to reduce energy usage and increase comfort in their tri-level home built in 1968, Anthony and Trish contacted Rhode Island Energy and requested a no cost Home Energy Assessment. An Energy Specialist was sent to the home and thoroughly explored a wide variety of ways to improve energy efficiency.

The Lemas were given a home energy action report with recommendations tailored specifically for the needs of the house, including improvements to the building envelope and attic ventilation..

Because many houses have drafts from holes and gaps in attics, unfinished basements, plumbing and wiring access points, air sealing is a process that can help close those openings to increase the effectiveness of a home's thermal barrier. Combine that with insulation and the home will use less energy to keep it cool in the summer and warm in the winter.

The following building envelope services were recommended:

- Air leakage sealing
- Duct sealing
- Door weatherstripping
- Insulation damming in the attic
- Attic, kneewall and garage ceiling insulation
- Installation of an insulating cover over the attic access stairs
- Recessed light covers

The Energy Specialist noted that attic ventilation was another challenge in the home and two bath exhaust fans were vented properly. The proper ventilation of exhaust fans are an important component of proper weatherization when done in conjunction with the building envelope services.

"I am so glad we decided to call Rhode Island Energy for a no cost Home Energy Assessment. The Energy Specialist who came to our home was professional and knowledgeable. They really opened my eyes to the many ways we could be saving. In the end, our total cost for completing the energy efficiency recommendations was a little less than \$700—far less than I expected to have to pay. And now we're seeing a nice difference in our energy bill also. We're very pleased."

—Anthony, Homeowner



In addition to air sealing and duct sealing, insulation was dammed and blown into the attic to reduce annual energy costs.



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The home energy report offered a variety of other energy saving tips, from a heating and air conditioning system tune-up to installing air conditioner duct register covers and keeping refrigerator coils clean. A maximum water heater temperature was also programmed into the equipment.

The cost of the energy efficiency recommendations was \$4,909, but after Rhode Island Energy incentives worth \$4,216, Anthony and Trish only had to pay \$693. In addition to the incentives, the homeowners are expected to save approximately 168 therms and \$365 annually on energy costs.



Our Energy Specialist is greeted by the homeowner of this tri-level home in North Providence, RI. A thorough no cost Home Energy Assessment offered a wide variety of updates that could be made to improve energy efficiency in the house.

North Providence, RI Tri-level home project	
Year built:	1968
Project cost:	\$4,909
Rhode Island Energy incentives:	\$4,216
Customer cost:	\$693
Expected annual cost savings:	\$365



With help from Rhode Island Energy, the customers living in this home in North Providence, RI paid less than 15% of the cost of their energy efficiency upgrades.

To learn more about our Home Energy Assessment and other energy efficiency programs, call **1-888-633-7947** or visit rienergy.com/saveathome.



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These programs are funded by the energy efficiency charge on all customers' gas and electric bills, in accordance with Rhode Island law.