



Home Performance with ENERGY STAR®

Home Performance with ENERGY STAR offers proven whole house solutions.

PROJECT INFORMATION

Program Name

- Home Performance with ENERGY STAR

Customer

- Stephen Levine

Location

- Cherry Hill, New Jersey

Installed Measures

- Central air conditioning
- Air sealing
- Cellulose insulation in attic
- Upgraded gas furnace to hybrid heating system
- Gas water heater
- Vented and insulated bath exhaust to exterior
- Air source heat pump

Project Cost

- \$19,590

Financial Incentives

- \$5,000 incentive
- \$10,000 0% interest loan

PROJECT SAVINGS

Total Energy Savings

- 27.1%

Estimated Annual Savings

- \$960 - \$1,200 on utility bills
- 74 kWh
- 731 therms of natural gas

Annual Emission Reductions

- 8,170 pounds of carbon dioxide eliminated

Environmental Benefits

- Savings are equivalent to the carbon dioxide emissions from 415 gallons of gasoline consumed in one year.



“I had no idea the potential monthly savings could be as great as they are. The continuity of heat in my home is much better. It's a spectacular program. How can you go wrong?”

— Stephen Levine,
homeowner

Challenge

Stephen Levine's central air conditioning system suddenly stopped working over the summer. Eager to get it fixed, a friend referred him to a Building Performance Institute (BPI) accredited contractor. Stephen said the contractor was very candid about his situation and noticed that not only was his central air conditioning unit out of date, but so was his furnace. Other areas of his 38 year old, 3,328 square foot home also required attention. Stephen mentioned that his home was drafty in the winter months and his utility bills were very high year-round. Even though his home was insulated, there were a lot of air leaks.

Realizing that Stephen could benefit from more energy efficiency home improvements, the contractor described the Home Performance with ENERGY STAR Program and what benefits and incentives the program provides.

What is Home Performance with ENERGY STAR?

Home Performance with ENERGY STAR offers whole house solutions to improve comfort and reduce energy costs by up to 30%. To get started, a BPI contractor performs a home assessment to identify energy efficient recommendations. Attractive financial incentives and low-interest financing are available to help pay for the energy efficiency upgrades.

Solution

After the initial home assessment, Stephen decided to have all of the recommendations performed on his home. The standard water heater was upgraded to a power vented unit, and the gas furnace and air conditioning were upgraded to a hybrid heating system with heat pump and gas furnace backup. The contractor air sealed the house and installed cellulose insulation in the attic. The bathroom exhaust was vented to the exterior of the home.

Stephen's total energy savings was 27.1% after the work was completed. He benefited from a \$5,000 incentive in addition to a zero-percent interest loan. He saves approximately \$80 – \$100 per month on his utility bills.

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