



Facing - and fixing - the cold, hard facts of energy waste

Situation

- For seven long winters, the Coopers put up with drafty rooms, ice damming, and freezing pipes.

Solutions

- New high-efficiency propane boiler
- Expandable foam insulation in basement and crawl space areas
- Insulation in attic and roof cavity
- Hot water pipe insulation
- Vapor barrier in crawlspace

Benefits

- Increased comfort — home is warmer in the winter and cooler in the summer
- Lower energy bills
- Reduced need for heating energy, whether wood or propane



Matthew Cooper

Matthew and Minnie Cooper knew it was only a matter of time before an energy-related issue caused a major problem in their 1830s farmhouse. For seven long winters, the Coopers put up with drafty rooms, ice damming, and freezing pipes. On a cold, windy night in January, a radiator pipe in their main floor bathroom froze and burst. They were forced to turn off the house's water and boiler.

When the boiler failed the next day, the Coopers called a contractor for help. The contractor performed a home energy assessment, investigating the entire house to find its hidden energy inefficiencies.

Sealing the whole house

After a home energy assessment, their Home Performance with ENERGY STAR® contractor walked them through an energy upgrade plan and recommended improvements. The couple added insulation to their attic, roof cavity, basement, and main heated areas. They also insulated their hot water pipes and installed an ENERGY STAR-certified boiler system. Now they can heat their home more efficiently, cutting energy costs and reducing their impact on the environment.

Enjoying comfort and savings

During the winter months, Matthew and Minnie can now sit comfortably in their living room without feeling a cold wind move across the floor. Instead of burning five cords of wood and a lot of costly propane to heat their home, they know they'll be cutting their energy bills. Summer is more pleasant, too, with cooler temperatures upstairs.

Get started

Visit nyscrda.ny.gov/home or call **1-866-NYSERDA** to learn how you can reduce your energy consumption and costs.

“The sooner you do energy efficiency upgrades, the sooner you can start saving money.”

— Matthew Cooper, Spencer, NY



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