

# Energize New York Case Study

“I hope other homeowners in the area can recognize how valuable the Energize program is. The savings are fantastic, and the comfort my family feels is invaluable.”



## **Mary Beth Kass - Katonah, NY**

Year & Style: 1958 Brick Cape Colonial

Square Feet: 3,748

Bedrooms/Baths: 4 BR, 3 BA

Heat Source: Oil Boiler

## **Home Performance Contractor**

Healthy Home

# **Fuel Oil Savings: 22%**

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Mary Beth Kass has been a long time supporter of energy efficiency and conservation in her community. She was a key figure in the development of Bedford's Climate Action Plan (CAP), which measured the town's greenhouse gas emissions and laid out a comprehensive strategy for reducing emissions 20% by the year 2020. That effort led to her co-founding the Bedford 2020 Coalition, a not-for-profit organization dedicated to supporting and implementing the CAP goals. Ms. Kass currently serves as Co-President of the B2020 Board of Directors. To lead by example, she completed a comprehensive home energy assessment in 2011 and discovered that inadequate insulation and air sealing were root causes of her cold and drafty home. After choosing to insulate and air seal the house, Mary Beth now enjoys more comfortable living and the satisfaction of knowing she is directly contributing to her community's 20 by 20 goals.

## **Homeowner Concerns:**

- Cold and uncomfortable master bedroom
- Cold and drafty family room
- Upstairs bedrooms are hot in the summer and cold in the winter

## **Problems Uncovered:**

- Lack of insulation created air leakage at floor and ceiling of master bedroom
- Family room not insulated, causing heat loss
- Heat loss at ceilings of upstairs bedrooms due to missing insulation

## **Improvements Completed:**

- Insulated underside of master bedroom attic roof deck with R-30\* low density spray foam insulation
- Insulated underside of laundry & second floor attic roof deck with R-30 low density spray foam insulation
- Insulated basement ceiling with R-18 high density spray foam insulation
- Air sealed house to reduce overall air leakage of heated area from 7047 CFM50 to 4708 CFM50

\*The R-value is a measure of thermal resistance. The higher the value, the less heat conducted through the insulation.

## **The Kass Residence:**

Year & Style: 1958 Brick Cape Colonial  
Square Feet: 3,748  
Bedrooms/Baths: 4 BR, 3 BA  
Heat Source: Oil Boiler

## **Resulting Benefits:**

- ✓ Savings on home energy bills
- ✓ Warmer, more comfortable home
- ✓ Reduced drafts throughout the house



Home Performance with ENERGY STAR Contractor Used to Perform Upgrades:



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