

Rose's Comfortable and Energy Efficient Home & Office

INSULATION AND AIR SEALING



“ I am very pleased with the work done. My house is considerably more comfortable and my energy bills decreased significantly! ”

-Rose Rothe, Yorktown

YEAR: 1975

BEDROOMS/BATHS: 3 BR/3 BA

STYLE: RAISED RANCH

HEAT SOURCE: OIL

SQUARE FEET: 5,130

CONTRACTOR: BK SOLUTIONS

**INCREASE IN COMFORT &
ENERGY PERFORMANCE**

Rose Rothe Title

Rose Rothe was frustrated with the inconsistent temperature throughout her house. Despite turning the heat up in her house, some rooms remained cold in the winter. In the summer, the first floor was always hot. In order to address this issue, she decided to get a Home Energy Assessment with NYSERDA's Home Performance with ENERGY STAR® program using BK Solutions, LLC.

The assessment showed that the attic was not insulated so heat was escaping through the roof, and there were heating system issues. After choosing to make the recommended improvements, Rose is more comfortable in her home and is pleased to see a decrease in her home's energy bills!

HOMEOWNER CONCERNS

- High energy bill costs.
- Inconsistent temperature throughout the house.
- Uncomfortably cold in some areas during the winter.

PROBLEMS UNCOVERED

- Lack of adequate insulation in the attic
- Drafty, uncomfortable, dry air in the house during the winter
- Heating system needed a tune up
- AC ducts exposed to hot attic temperatures



IMPROVEMENTS COMPLETED

- Insulated attic with additional 12" of Cellulose, R-46
- Covered ducts with additional insulation in the attic
- Air sealed house and reduced air leakage of heated area from 4200 CFM to 2700 CFM

BENEFITS & IMPACT

- Decreased energy costs
- Even temperature throughout the house
- More comfortable home

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