

Weatherization improvements for homeowners Davis & Katie Kitchel: air sealing and whole-house insulation

Overall we're very pleased with the process of having the house weatherized and with Efficiency Vermont's incentives. We can feel the difference in the house—and it's made all the sweeter by knowing we're saving money only 3 years after the recouping the investment. We consider it a first step of several to make the house more efficient. We're planning on installing a wood pellet boiler as the primary heat source both for heat and domestic hot water. We also have additional insulation projects planned.

Results:

- Air leakage reduced by. 17.9%
- Projected heat energy savings. 14.31%
- Cost of job. \$1,850
- EVT incentives. \$599
- Net cost to homeowner. \$1,251
- Projected annual savings. \$369
- Years to payback/ROI. 3.4 / 29.5%
- Projected annual reduction CO₂. 2,624 lbs.

Note: Calculations do not include cost of initial energy audits. Projected monetary savings, years to payback, and ROI all assume stable heating fuel costs from time of weatherization.