

Theftord Residents Are Excited To Share The Results Of Their Weatherization Projects

Pamela Podger, 186 Main Street, East Theftord

Increased distribution efficiency for oil furnace.
Air sealed attic penetrations, crawlspace penetrations, windows, doors, vents, fans, and chimneys.
Insulated attic, basement and exterior walls
Air Leakage Reduced by – 38.9%
Projected Heat Energy Savings – 43.15%
Cost of Job - \$3,600
Incentives - \$1,488 from Efficiency VT
Net Cost to Homeowner - \$2,112
Projected Annual Dollar Savings - \$1,173.20
Years to Payback Through Savings – 1.8
Return on Investment – 55.55%

Our house is considerably warmer and less drafty. We've been able to keep our thermostat lower and not feel chilled. One room in particular, which has two exterior walls, now is much toastier.

Stephen Branchflower & Coleen Fox, Houghton Hill Road, Theftord

Air sealed attic, ceiling, band joist, and basement/crawlspace penetrations.
Insulated attic and basement/crawlspace rim joists.
Air Leakage Reduced by – 36.3%
Projected Heat Energy Savings – 39.6%
Cost of Job - \$4,450.00
Incentives - \$1,427.50 from EVT
Net Cost to Homeowner - \$3,022.50
Projected Annual Dollar Savings – \$656.14
Years to Payback Through Savings – 4.6
Return on Investment – 21.73%

Properly air sealing and insulating the attic had the most tangible improvements to date in the overall comfort of our house. Now, since the work was done, after banking down the fire and shutting off the heat in the evening, the house is much more comfortable in the morning.

Scott Hesser, 428 Godfrey Road, East Theftord

Air sealed attic and basement penetrations
Insulated attic and basement
Air Leakage Reduced by – 60%
Projected Heat Energy Savings – 27.77%
Cost of Job – \$6,375
Incentives - \$1,634.50 from Efficiency VT
Net Cost to Homeowner - \$4,740.50
Projected Annual Dollar Savings - \$1,059.82
Years to Payback Through Savings – 4.47
Return on Investment – 22.37%

Before the improvements the house would cool off very quickly. Now it is much more comfortable.

William and Bernice Clark/Gove Hill Retreat, Gove Hill, Theftord Center

Air sealed attic.
Insulated attic.
Air Leakage Reduced by – 25.1%
Projected Heat Energy Savings – 18.27%
Cost of Job - \$5,580
Incentives - \$1,172 from Efficiency VT
Net Cost to Homeowner - \$4,408
Projected Annual Dollar Savings - \$1,466.68
Years to Payback Through Savings – 3
Return on Investment – 33.33%
Installed new furnace – 20% more efficient

After insulating our dining hall area, we notice it is much more comfortable as the significant draft previously felt in there is gone. In our storeroom area, we have not had to turn on the supplemental electric heat this winter, which as additionally saved us money. It is great to see the impact of doing even the particle amount of work that needs to be done.

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Michael Pepe, 2643 Godfrey Road, East Theftord

Air sealed attic and wall penetrations; band joists, soffits, base and ceiling moldings.

Insulated accessible section of attic.

Air Leakage Reduced by – 13.6%

Projected Heat Energy Savings – 10.15%

Cost of Job – \$800

Incentives - \$250 from Efficiency VT

Net Cost to Homeowner - \$550

Projected Annual Dollar Savings - \$274.87

Years to Payback Through Savings – 2.0

Return on Investment – 50%

One major difference is sealing we did on the garage door entrance, which significantly cut down on cold air ingress.

Daniel Pluta, 1575 Godfrey Road, East Theftord

Air sealed attic, basement, cantilevered floors and tuck-under garage.

Insulated attic, basement, cantilevered floors and garage ceiling

Air Leakage Reduced by – 36.7%

Projected Heat Energy Savings – 24.52%

Cost of Job – \$8,200

Incentives - \$1,795.50 from Efficiency VT

Net Cost to Homeowner - \$6404.50

Projected Annual Dollar Savings - \$724.58

Years to Payback Through Savings – 8.84

Return on Investment – 11.31%

The cost of oil and the amount we were using was getting out of control. We felt an immediate increase in warmth without major fluctuations between rooms.

Diane Osgood, 92 Cider Mill Road, North Theftord

Increased distribution efficiency for propane furnace.

Air sealed attic, basement and wall penetrations; knee wall floor and wall, and band joist between floors.

Insulated attic, slanted ceilings, knee wall floor and wall; gable end wall and basement.

Air Leakage Reduced by – 49.1%

Projected Heat Energy Savings – 50.71%

Cost of Job – \$10,074

Incentives - \$2,431 from Efficiency VT

Net Cost to Homeowner - \$7,643

Projected Annual Dollar Savings - \$1,034.81

Years to Payback Through Savings – 7.39

Return on Investment – 13.53%

I grew up in this house and moved back in 2008. My goal is to renovate as much as financially possible & insulation needs were at the top of the list. We felt an immediate increase in comfort. Much "cozier"!

Manohar Grewal, 1099 Rte 244, Post Mills

Air sealed attic penetrations and wall penetrations

Insulated attic

Air Leakage Reduced by – 12.5%

Projected Heat Energy Savings – 21.69%

Cost of Job – \$8,731.80

Incentives - \$1,647 from Efficiency VT

Net Cost to Homeowner - \$7,084.80

Projected Annual Dollar Savings - \$880.62

Years to Payback Through Savings – 8.05

Return on Investment – 12.42%

My motivation was to conserve energy and to save our environment. We owe that to future generations.

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Tim McCosker, 268 Houghton Hill Road, Thetford

Air sealed attic penetrations

Insulated attic

Air Leakage Reduced by – 22.3%

Projected Heat Energy Savings – 29.19%

Cost of Job – \$5,005

Incentives - \$1,156 from Efficiency VT

Net Cost to Homeowner - \$3,849

Projected Annual Dollar Savings - \$ 245.28

Years to Payback Through Savings – 15.69

Return on Investment – 6.37%

You can feel the difference when you walk down the stairs in the morning.

Sharon Harkey, Tucker Hill Road, Thetford Center

Increased distribution efficiency of oil furnace.

Air sealed attic, kneewall, wall and basement penetrations.

Insulated attic and kneewalls

Air Leakage Reduced by – 39.4%

Projected Heat Energy Savings – 26.52%

Cost of Job – \$9,005

Incentives - \$1,780 from Efficiency VT

Net Cost to Homeowner - \$7,225

Projected Annual Dollar Savings - \$789.86

Years to Payback Through Savings – 9.15

Return On Investment – 10.92%

I was tired of being too cold in winter and too hot in summer upstairs. I also wanted to save money and help do my share to save the environment.

Eric Pyle, 360 Cadwell Road, East Thetford

Installed propane boiler and new hot water tank

Air sealed attic, knee wall and basement penetrations, and tuck-under garage ceiling and walls.

Insulated attic, knee wall area and basement

Air Leakage Reduced by – 24.2%

Projected Heat Energy Savings – 34.25%

Cost of Job – \$25,327.49

Incentives - \$2,500 from Efficiency VT

Net Cost to Homeowner - \$22,827.49

Projected Annual Dollar Savings - \$1,778.80

Years to Payback Through Savings – 12.83

Return on Investment – 7.79%

House stays warm longer with wood stove. Better hot water supply with new tank integrated with boiler.

Michael Pepe, Godfrey Road, East Thetford

Air sealed attic and wall penetrations; band joists, soffits, base and ceiling moldings.

Insulated accessible section of attic.

Air Leakage Reduced by – 13.6%

Projected Heat Energy Savings – 10.15%

Cost of Job – \$800

Incentives - \$250 from Efficiency VT

Net Cost to Homeowner - \$550

Projected Annual Dollar Savings - \$274.87

Years to Payback Through Savings – 2

Return On Investment – 50%

One major difference is that the sealing done on the garage door entrance significantly cut down on cold air ingress.