This home participated in
NHSaves Home Performance with ENERGY STAR in 2018

Home Performance with ENERGY STAR is a national program sponsored by the U.S. Department of Energy and delivered by local program sponsors, including NHSaves, a collaboration of New Hampshire electric utilities working together to provide customers with information, incentives, and support to save energy, including heating energy.

February 2018: A comprehensive home energy audit was completed by a Building Performance Institute certified contractor.

November 2018: ALL measures recommended in the February energy audit report were completed by a specialized contractor and a quality assurance walk-through was conducted by NHSaves. Measures included:

- **44% improvement in building envelope tightness**, resulting in reduced drafts and heat loss, while staying within the home's safe "building tightness limit."
- **Rigid and spray foam installed throughout basement** and below floor of master bedroom, resulting in reduced heat loss and warmer floor surfaces.
- **Cellulose insulation added to both attics**, with new insulation levels exceeding current energy code standards for new buildings.
- **Second floor wall and slope ceilings re-insulated** with cellulose and spray foam.

Additional energy upgrades completed by seller in 2018:

- Installed Morso **high-efficiency wood stove**, replacing inefficient open fireplace (cost: $3,421). Not frequently used.
- Replaced all five upstairs windows (previously single-pane and in poor condition) with **new, energy efficient double-pane windows.** (cost: $1,884 – just windows, labor provided by skilled homeowner)

Benefits

- **Lower heating bills** (600-650 gallons of propane used per year for heating, cooking, and hot water)
- **Increased comfort** (few drafts, consistent heat throughout, warm floors)

According to NHSaves, this home has "Low to Moderate" energy use, and performs better than the average NH home.

List of energy efficiency measures completed in 2018 by a certified Home Performance with ENERGY STAR contractor:

Description	Total
BASEMENT PACKAGE:	
2" Fire Rated Polyisocyanurate installed on the block walls in the basement (affixed to inside of full height cement walls)	$1,752.12
3" closed cell spray foam installed on the walls above the block foundation (visible throughout basement)	$800.80
3" closed cell spray foam installed on the walls in the crawl space (visible in crawlspace)	$1,631.70
3" closed cell spray foam installed under the floor of the rear bedroom (visible in shed below bedroom)	$983.84
BASEMENT PACKAGE TOTAL: $5,168.46 (Package Is Included In Total)	
AIR SEALING PACKAGE:	
Air Sealing - Labor & Materials (largely invisible, lots of caulking and weather-stripping throughout home)	$1,650.00
AIR SEALING PACKAGE TOTAL: $1,650.00 (Package Is Included In Total)	
FIRST FLOOR ATTIC PACKAGE:	
Lighting dam, rigid fire rated material (hidden beneath insulation behind recessed lights in attic above dining room)	$55.50
Attic, flat-open, R38 above the kitchen (visible if dining room attic is accessed via window above north sunroom)	$214.20
FIRST FLOOR ATTIC PACKAGE TOTAL: $269.70 (Package Is Included In Total)	
2ND FLOOR ATTIC AND WALLS PACKAGE:	
Insulation dam, min 1/2" wood w/reinforced corners installed around the entrance to the attic (visible at 2nd story attic entry)	$125.00
6" Urethane (R42) 2x3 opening (visible above 2nd story attic hatch)	$72.96
3.5" (2x4) wall insulated from outside (not visible, hidden by insulation and drywall, see image below)	$319.68
Heat source barrier - chimney (around chimney in attic)	$24.96
Soffit/eave air chutes (not visible, hidden by insulation and drywall, see image below)	$355.20
Attic, flat-open, R60 (visible in attic)	$459.80
5" closed cell spray foam on the slopes (not visible, hidden by insulation and drywall, see image below)	$1,716.00
Install netting on the interior wall and install dense pack cellulose (not visible, see image below)	$778.80
Apply Intumescent Paint Covering (per fire code) (visible on all exposed sprayfoam, including in basement, shed, attic)	$28.05
3" closed cell spray foam(open access) (visible on wall of attic access stairs)	$67.65
2ND FLOOR ATTIC AND WALLS PACKAGE TOTAL: $3,948.10 (Package Is Included In Total)	

Black "soffit/eave air chutes"

5" closed cell spray foam on upstairs slopes

3.5" dense-pack cellulose in exterior, upstairs walls

All second floor windows replaced with high-efficiency, double-pane windows (not listed above because this was separate from the Home Performance with ENERGY STAR work scope).

AI Reports®
Form 820.05*

Client File #:		Appraisal File #:	

Residential Green and Energy Efficient Addendum

Client:

Subject Property:

City: State: Zip:

Additional resources to aid in the valuation of green properties and the completion of this form can be found at http://www.appraisalinstitute.org/education/green_energy_addendum.aspx

The appraiser hereby certifies that the information provided within this addendum:

- has been considered in the appraiser's development of the appraisal of the subject property only for the client and intended user(s) identified in the appraisal report and only for the intended use stated in the report.
- is not provided by the appraiser for any other purpose and should not be relied upon by parties other than those identified by the appraiser as the client or intended user(s) in the report.
- is the result of the appraiser's routine inspection of and inquiries about the subject property's green and energy efficient features. Extraordinary assumption: Data provided herein is assumed to be accurate and if found to be in error could alter the appraiser's opinions or conclusions.
- is not made as a representation or as a warranty as to the efficiency, quality, function, operability, reliability or cost savings of the reported items or of the subject property in general, and this addendum should not be relied upon for such assessments.

Green Building: The practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a building's lifecycle from siting to design, construction, operation, maintenance, renovation, and deconstruction. This practice expands and complements the classic building design concerns of economy, utility, durability, and comfort (US EPA). High Performance building and green building are often used interchangeably.

Six Elements of Green Building: A green building has attributes that fall into the six elements of green building known as (1) site, (2) water, (3) energy, (4) materials, (5) indoor environmental quality, and (6) maintenance and operation. The energy and water elements are the most measurable elements of green or high performance housing. Appraisers need savings amounts to develop an income approach to support energy efficient contributory value.

THIRD-PARTY VERIFICATIONS (See types defined in glossary).

The following verified items are considered within the appraisal analysis of the subject property:

Green Certification

Certifications attest that the home meets certain minimum thresholds.

Environmental Protection Agency (EPA): ☐ Indoor airPLUS ☐ WaterSense ☐ ENERGY STAR
Energy Department (DOE): ☐ Zero Energy Ready Home (ZERH)
Home Innovation Research Labs NGBS Home Remodel:
Home Innovation Research Labs NGBS New Home: ☐ Bronze ☐ Silver ☐ Gold ☐ Emerald
Living Building Challenge (LBC): ☐ Living Building Certified ☐ Petal Certification
Passivhaus Standard: ☐ PHI Low Energy ☐ EnerPhit ☐ Passive House
Passive House Institute US: ☐ PHIUS+ 2015
USGBC LEED: ☐ Certified ☐ Silver ☐ Gold ☐ Platinum
Other:

Date Verified: __/__/____	Green Certification Version: ____ Organization URL: _____	**ABOVE VALID ONLY IF CHECKED:** ☐ Verification reviewed on site ☐ Verification attached to this report

Energy Label

Labels disclose the state of the home's energy assets.

RESNET's HERS Rating (0 to 150): _____ ☐ Sampling Rating ☐ Projected Rating ☐ Confirmed Rating	Estimated energy savings for this home: $____/year ____¢kWh rate dated__/__/__ *Energy Savings includes electricity, heating & Cooling.* *Score below 100 indicates energy costs are expected to be lower than average code-built home. HERS Index Report occupancy estimates energy cost based on number of bedrooms plus one. Only a "confirmed rating" is diagnostically tested.*	
DOE's Home Energy Score Score (1 to 10): _____ ☐ Official Score ☐ Unofficial Score	Estimated energy savings for this home: $____/year ___¢kWh rate dated __/__/__ *Energy Savings includes electricity, heating & Cooling.* *Score above five indicates energy costs are expected to be lower than average local home. Home Energy Score estimates energy cost based on state average energy rates and the home's energy features.*	
Other Energy Score: Range (____ to ____): _____	Estimated energy savings: $____/year __¢ kWh rate dated __/__/__ Describe energy label system:	
Date Verified: __/__/____	Score or Rating Version: ____ Organization URL: ☐ www.resnet.us/ ☐ www.homeenergyscore.gov ☐ Other:_____	**ABOVE VALID ONLY IF CHECKED:** ☐ Verification reviewed on site ☐ Verification attached to this report

Verified Energy Improvements

Only include improvements with verified documentation.

Explain energy-related improvements:
Cost of improvements: $ 12,121 — Professional air sealing and insulation upgrades throughout the house

Date Verified: 11/14/2018	Certificate of Efficiency Improvements Version: _____ Organization URL: ☒ Other: nhsaves.org ☐ energystar.gov/homeperformance	**ABOVE VALID ONLY IF CHECKED:** ☐ Verification reviewed on site ☑ Verification attached to this report

Completed by: _____ Title: Seller Date: 12/11/2019

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Client:		Client File #:	
Subject Property:	[redacted]	Appraisal File #:	

EFFICIENCY FEATURES (Water, Energy, and Environmental. See types defined in glossary).

The following items are considered within the appraisal analysis of the subject property:

Insulation

☐ Fiberglass Blown-In ☒ Foam Insulation ☒ Cellulose ☒ Fiberglass Batt Insulation
☒ R-Value 11 Wall 50 Ceiling ☒ Other (Describe): R30 sloped ceilings, R18 crawlspace walls, R13 basement walls

Building Envelope

Envelope Tightness: 1755 Unit: ☐ CFM25 ☒ CFM50 ☐ ACH50 ☐ ACH natural
Instructions: Insert the rating as a number that could be 0.5 to 7ACH50 or higher. The lower the number, the more air tight the envelope. Building Codes for area show maximum Envelope Tightness allowed based on the climate zone. Not all areas have adopted a building code. http://bcap-energy.org/

Windows

☐ ENERGY STAR® ☐ Low E ☐ High Impact ☐ Storm ☒ Double Pane ☐ Triple Pane ☐ Tinted ☐ Solar Shades

Day Lighting

☐ # Of Skylights: ____ ☐ # Of Solar Tubes: ____ ☐ Other (Describe): ____
(% Of lighting LEDs): 95%

ENERGY STAR® Appliances

ENERGY STAR®: ☒ Dishwasher ☐ Refrigerator ☐ Washer/Dryer ☐ Other: ____
Energy Source: ☐ Propane ☒ Electric ☐ Natural Gas ☐ Other: ____
Note: ENERGY STAR® appliances do not result in an ENERGY STAR® Home.

Water Heater

☐ ENERGY STAR® Size: 40 gallons ☐ Tankless ☐ Solar (next page) ☐ Heat Pump ☒ Coil

HVAC & Related Equipment Describe in comments area.

☒ High Efficiency HVAC
SEER: ____
Efficiency Rating: ____%
AFUE* 96.6%
*Annual Fuel-Utilization Efficiency

☐ Heat Pump
Efficiency Rating:
COP: ____
HSPF: ____
SEER: ____
EER: ____

Thermostat/Controllers?	☒ Yes	☐ No
Programmable Thermostat?	☒ Yes	☐ No
Auxiliary heat source?	☐ Yes	☐ No
Radiant Floor Heat?	☐ Yes	☐ No
Geothermal?	☐ Yes	☐ No
Electric Vehicle Ready? (car charger)	☐ Yes	☐ No

Indoor Environmental Quality

☐ Energy (ERV) or Heat Recovery Ventilator (HRV)
☐ Other Measured Whole-House Ventilation Device (See glossary)
☐ Humidity Monitoring Device installed
☐ Non Toxic Pest Control
☐ Radon System: ☐ Active ☐ Passive

Water Efficiency

☐ Reclaimed Water System (Describe): ____
☐ Greywater reuse system
☒ Water Saving Fixtures
☐ Rain Barrels Used in Irrigation
Cistern size: ____ gallons
Location of cistern: ____

Utility Costs

Annual Utility Cost: $ 2164 /year, based on: 11/6/18 to 11/20/19 (full year).
Includes (check all that apply): ☒ Electric ☒ Heating ☒ Water ☒ Other: cooking
Of Occupants: 2

Comments Include source for information provided in this section.

If a property is built green but not formally certified, it still deserves proper description and analysis to value the features. The market analysis is of the structure's physical, economic, and locational attributes and not an analysis of its label alone. Provide additional information that illustrates how this property exceeds local building code. This document is intended for new construction or existing homes that have been retrofit to include higher energy or green features.

Energy audit conducted in 2018, with ALL recommended upgrades completed by a Building Performance Institute certified contractor through the NHSaves Home Performance Program (see attached completed work scope)

44% improvement in envelope tightness (3,131 CFM50 before; 1,855 CFM50 after)
(still safely above building tightness limit of 1,435 CFM50)

Completed by: [redacted] Title: Seller Date: 12/11/2019

The objective of this Addendum is to standardize the communication of the high performing features of residential properties. Identifying the features not found on the appraisal form provides a basis for comparable selection and analysis of the features. Builders, contractors, homeowners, and third party verifiers are encouraged to complete this Addendum and present to appraisers, agents, lenders, and homeowners. Complete the pages that apply to the property appraised and provide to appraiser prior to the completion of an appraisal. Provide the Addendum to the lender at the time of loan application to assist them in understanding the property type so an appraiser with sufficient knowledge of this property type will be engaged to provide an appraisal to meet secondary mortgage market guidelines.

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Client:		**Client File #:**	
Subject Property:	[redacted]	**Appraisal File #:**	

Location - Site

The following items are considered within the appraisal analysis of the subject property:

Walk Score	Score:	Source: ☐ http://www.walkscore.com ☐ Other: _____	
Public Transportation	☐ Bus Distance: _____ Blocks	☐ Train: Distance: _____ Blocks	☐ Subway Distance: _____ Blocks
Site	Orientation (front faces): ☒ East / West ☐ North / South	Landscaping: ☐ Water Efficient ☐ Natural ☒ Pond/Lake on site ☐ Rain Garden	
Comments	Property located 1.3 miles from I-89 Exit 9 on-ramps with Market Basket, gas station, and hardware store, and 2.5 miles from downtown Warner (post office, shops, elementary school, restaurants, bike trail, and other convenient amenities)		

Incentives – Amount of Incentive and Terms

The following items are considered within the appraised value of the subject property and **based on effective date of value**.

Federal	
State	$4,000 toward the $12,121 energy efficiency work scope (see page 1) was paid for through a rebate from the NHSaves Home Performance with ENERGY STAR program
Local	
Comments	Incentives offset cost and should be reported and described in the cost approach section of the report. Clearly identify the incentives that offset the gross cost of construction to meet appraisal standards. Incentives are typically not a sales concession in sales comparison approach since they do not transfer with the property and are not paid by the seller. Incentives are typically for a specified period and only those available as of the date of value should be addressed in the appraisal process. Incentives may be available to offset repairs or deferred maintenance items as well. Incentives, rebates, and tax credits for most U.S. properties can be found at www.dsireusa.org

Completed by: [redacted] Title: Seller Date: 12/11/2019

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- Builders, contractors, homeowners, and third party verifiers are encouraged to complete this Addendum and present to appraisers, agents, lenders, and homeowners. Appraisers typically do not have sufficient information to complete this addendum without builder, contractor, or third party verifier documentation.
- Attach this completed document to the MLS listing to provide sufficient detail on sales and listings to assist buyers, appraisers, and real estate agents in understanding the high performance features of the property.
- Complete the pages that apply to the property appraised and provide to appraiser prior to the completion of an appraisal.
- Provide the Addendum to the lender at the time of loan application to assist them in understanding the property type so an appraiser with sufficient knowledge of this property type will be engaged to provide an appraisal to meet secondary mortgage market guidelines.

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Client:		Client File #:	
Subject Property:		Appraisal File #:	

Residential Green and Energy Efficient Addendum
Additional Resources

Appraised Value and Energy Efficiency: Getting it Right. This document provides links to resources in understanding the secondary mortgage market guidelines on appraisals of energy efficient and green features. It addresses the following:

- What can builders do?
- For Buyers: Assuring a competent appraiser for your home
- For Lenders: A sample letter that should be completed and provided to the lender at the time of mortgage application alerts the lender to the special features that requires an appraiser with knowledge of the property type.

https://www.appraisalinstitute.org/assets/1/29/AI-BCAP_Flyer.pdf

PV Value®. PV Value® is a discounted cash flow (Income Capitalization Approach) to valuing energy produced. The solar PV system inputs on this form are necessary to use this program. www.pvvalue.com.

Residential Green Valuation Tools. A textbook resource for completing the AI Residential Green and Energy Efficient Addendum is available. It can be purchased at the following website: http://www.appraisalinstitute.org/residential-green-valuation-tools/

Glossary

Building Envelope: The building envelope is everything that separates the building's interior from the exterior. This includes the foundation, exterior walls, roof, doors and windows. The envelope rating should be compared to the local building code requirements for this rating to identify a structure that exceeds the building code.

ENERGY STAR Products: Behind each blue label is a product, building, or home that is independently certified to use less energy and cause fewer of the emissions that contribute to climate change. Today, ENERGY STAR is the most widely recognized symbol for energy efficiency in the world. In order to earn the label, ENERGY STAR products must be third-party certified based on testing in EPA-recognized laboratories. In addition to up-front testing, a percentage of all ENERGY STAR products are subject to "off–the–shelf" verification testing each year. The goal of this testing is to ensure that changes or variations in the manufacturing process do not undermine a product's qualification with ENERGY STAR requirements. https://www.energystar.gov/about/origins_mission

Home Performance with ENERGY STAR: Home Performance with ENERGY STAR (HPwES) program connects homeowners with experienced and trusted contractors that can help them understand their home's energy use and identify home improvements that increase energy performance, improve comfort and health, and lower utility bills. Participating contractors use sophisticated equipment to assess a home's energy use and identify any health and safety issues. These experts also recommend and perform energy improvements such as air sealing, installing insulation to fix drafty and uncomfortable rooms, and replacing old equipment with high-efficiency heating and cooling systems. Local program sponsors qualify all contractors that participate in HPwES and independently verify the quality of contractors' work. Homeowners can feel confident in their contractor's recommendations and in the effectiveness of the home improvements they pay for. https://www.energy.gov/eere/buildings/home-performance-energy-star

Low E: "Low emissivity" indicates a coating is added to the glass surface. The coating allows visible light to pass through the glass while stopping radiant heat energy from entering the building by passing through the glass. Approximately 40% of the sun's harmful ultra violet rays are blocked and insulation enhanced. https://energy.gov/energysaver/energy-efficient-windows

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May 2017

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NH Home Performance with Energy Star

Home Energy Assessment

for: [redacted]

Prepared by:

[redacted]

Work Scope Details for Applied Measures

Improvement
Furnace Ancillary Savings **Work Scope:** Furnace fan electric savings from insulation and air sealing measures **Non-Energy Benefit:** **Item List:** 1 Each of Ancillary Savings: Furnace Fan
Walls **Work Scope:** The unfinished walls on the 2nd floor will have insul-web installed on them and then be filled with dense pack cellulose. The right-side wall on the 2nd floor and near the stairs will be insulated with dense pack cellulose from outside. **Non-Energy Benefit:** **Item List:** 148 Square Foot of Cellulose: 3.5" (2x4) W/Clapboard, vinyl, wood shake siding, R11; 354 Square Foot of Cellulose: 3.5" (2x4) Interior patch-in, R11
Air Sealing **Work Scope:** Pre blower door 3131@-50 Pa. BTL 1435. Final blower door 1755. Right-side attic: The balloon framed walls on either side of the kitchen and near the bathroom need to be blocked where they extend into the attic. The framing above the left rear corner closet will be sealed where the addition framing meets the main section of the home. The covers that are made to go over the recessed lights will be sealed to the ceiling with one-part foam. Left-side attic/2nd floor: The top of the walls at the right and left side gable ends will be blocked with solid foam blocking. While the front and rear walls are open, blocking will be installed where the floor framing extends out to the balloon framed walls at the front and rear of the home. The right-side wall near the entrance to the attic will be covered with insul-web prior to installing dense pack cellulose from outside. Sheet-metal and fire-rated caulking will be installed around the chimney. The opening into the attic will be down-sized by installing half-inch plywood or OSB at the front and rear sections of the attic entrance, leaving a 2'x3' opening. The smaller opening will be framed in, and the new hatch cover will have an exterior grade weather-strip installed on it. Basement/Crawl space: The plumbing will be sealed where it goes up into the walls. The framing at the entrance to the crawl space where the addition attaches to the main section of the home will be sealed with one-part foam. The wood paneling at the wall above the block foundation will be removed to seal the framing with closed cell foam. Interior: Rear bedroom: The trim where the wall meets the ceiling and where it meets the floor will be removed to be sealed with one-part foam. First floor bathroom: The trim will be removed where the ceiling meets the wall to install one-part foam. Every other piece of wainscoting on the ceiling has some air leakage that will require caulking. Kitchen/Dining area: The trim will be removed where the wall meets the ceiling in the kitchen to install one-part foam. Caulking will be installed around the door casing at the inside of the right-side closet. The left rear closet near the bathroom will have rigid foam blocking installed at the top of it and then the smaller openings will be sealed with one-part foam. The ceiling of the hallway closet will be taken down around the plumbing vent to seal it as needed. The plumbing will be sealed where it goes into the walls under the sinks. Weather-strips will be installed as needed at all of the exterior doors. After air sealing the items noted above, blower door guided air sealing will be done to chase down any other leaks that may be cost-effective to fix. **Non-Energy Benefit:** **Item List:** 33 $50 units of CFM: Labor & Materials; 1376 CFM of CFM: HPwES CFM Energy Savings
Attic **Work Scope:** Upper attic: Propa vents will be installed at the soffits to preserve the ventilation. A wooden barrier with re-enforced corners will be built around the entrance of the attic. A small landing will be built inside the barrier to make it easier to access the attic. The hatch cover will have 6-inches of polyisocyanurate installed on the backside of it. A barrier will be built around the chimney to keep the insulation from coming in contact with it. R-60 cellulose will be installed across the flat ceiling of this attic space. One section of the wall near the attic entrance will be insulated with 3-inches of closed cell foam where a window used to be installed. This foam will be covered with an ignition barrier intumescent paint. Left-side slopes: Propa vents will be installed between the rafters to preserve the ventilation. 5-inches of closed cell foam will be installed at the slopes from the wall to the flat section. Right-side above the kitchen/dining area: Boxes made of fire-rated material will be installed over the recessed lights. The insulation will be redone at the small wall above the shower. If the slope above

	the bathroom is accessible, the poorly installed fiberglass will be removed and redone with dense pack cellulose. The right-side gable end above the kitchen will be remove to gain access into this space. R-38 cellulose will be installed above the kitchen and sloped ceiling near the entrance to it. **Non-Energy Benefit:** **Item List:** 2 Each of Attic: Lighting dam, rigid fire rated material; 126 Square Foot of Cellulose: Attic, flat-open, R38; 50 Square Foot of Attic: Insulation dam, min 1/2" wood w/reinforced corners; 6 Square Foot of Hatch: 6" Urethane (R42); 1 Item of Attic: Heat source barrier - chimney; 96 4 Foot of Attic: Soffit/eave air chutes; 242 Square Foot of Cellulose: Attic, flat-open, R50; 264 Square Foot of Spray Foam: 6" closed cell spray foam(open access); 15 Square Foot of Spray Foam: 3" closed cell spray foam(open access); 15 Square Foot of Spray Foam: Apply Intumescent Paint Covering (per fire code)
Basement	**Work Scope:** 3-inches of closed cell foam will be installed on the walls in the crawl space and at the small wall around the perimeter of the basement. All of the spray foam will be covered with an ignition-barrier intumescent paint. The foundation walls in the basement will be insulated fire-rated polyisocyanurate. If the entire wall cannot be insulated behind the laundry, it will be insulated from outside. FRP (fiberglass reinforced plastic) will be installed over the polyiso from the laundry to the stairs. The materials used will be billed accordingly 14’x6’. 3-inches of closed cell foam will be installed between the joists under the bedroom that extends out over the storage area in the rear. **Non-Energy Benefit:** **Item List:** 222 Square Foot of Spray Foam: 3" closed cell spray foam (Restricte, Above Grade); 140 Square Foot of Spray Foam: 3" closed cell spray foam (Open area, Above Grade); 172 Square Foot of Spray Foam: 3" closed cell spray foam (Open area, Above Grade); 372 Square Foot of Foam Board: 2" Fire Rated Polyisocyanurate Installed

Contract for Energy Efficiency Work

The NH HPwES program is designed to conserve energy through residential energy improvements. Eversource is arranging for the installation of certain energy efficiency measures in the homes of qualifying customers. These services, which are detailed below, shall be performed by one or more contractors selected by Eversource. Eversource is funding these energy efficiency measures as part of its effort to promote cost-effective, efficient use of electricity and reduce the need for carbon emission fuels. Therefore, Eversource reserves the right to cancel this contract at any time prior to the beginning of work if it determines that the proposed work is not cost-effective or ineligible for program services. The energy efficiency measures listed below must be performed by Eversource approved contractors in accordance with the program's material and installation standards in order to be eligible for program incentives

Customer contributions apply to some measures. The customer is responsible for those cost listed below as customer co-pay for the measures to be installed.

Proposed Improvement	Total Cost	Utility Rebate	Customer Co-Pay	ESTIMATED VALUES **		Customer Accepts
				Pay Back Period (years)	Customer Cost Savings ($/year)	
Furnace Ancillary Savings	$0.00	$0.00	$0.00	0.0	$14.49	
Walls	$1,169.28	$584.64	$584.64	1.7	$341.05	
Air Sealing	$1,650.00	$258.40	$1,391.60	2.5	$559.95	
Attic	$3,560.64	$0.00	$3,560.64	5.8	$610.93	
Basement	$5,168.46	$2,584.23	$2,584.23	7.3	$353.07	
Program Delivery/Audit Fee	$572.73	$572.73	$0.00			
Customer Co-Pay Pre-Payment			- $100.00			
Totals	$12,121.11	$4,000.00	$8,021.11			

Total Eversource Rebate: **$4,000.00**

Customer Co-Pay Balance: **$8,021.11**

Fuel costs used to determine estimated values are based on prices monitored by the NH Office of Energy and Planning (www.nh.gov/oep)

1. CONTRACT EXPIRATION
This contract offer is valid for 45 days from 07/17/2018

2. CUSTOMER'S RESPONSIBILITY TO REMOVE OBJECTS
The customer will prepare his/her home for the work by removing any objects that could be in the contractor's way.

3. CUSTOMER'S RESPONSIBILITY TO ARRANGE INSTALLATION
The customer agrees to cooperate with Eversource and its contractors in arranging a mutually convenient installation schedule. The customer further agrees to obtain any required permission from their association for any work being done in shared ownership property developments.

4. CUSTOMER'S RESPONSIBILITY TO ALLOW INSPECTIONS
The customer agrees to allow Eversource or its representative to visit the customer's home to verify installation or to conduct one or more post-installation inspections of the work listed in this contract.

5. CUSTOMER'S PAYMENT
The customer agrees to pay the Eversource contractor a deposit of 50% of the estimated Customer Cost Share at the time the customer signs this agreement and to pay the balance at the time of the contractor's post installation inspection when all work listed on this contract is complete. Notwithstanding the foregoing, if the customer signing this agreement is a non-occupant owner, the customer must pay the entire Customer Cost Share prior to any work commences.

6. DEFECTS IN WORK
Customer should notify the contractor listed below as soon as possible if there are any problems with the quality of the work or materials used. Eversource (through a contractor) agrees to cure any defects in labor or materials within two years from the original installation date, at no additional cost to the customer.

7. DISCLAIMER OF WARRANTIES/LIMITATION OF LIABILITY
Eversource offers no warranties other than those written in this contract. Eversource disclaims any and all implied warranties to the full extent permitted by law. Eversource excludes any warranty of merchant ability and also excludes any implied warranty of fitness except to the extent of its own negligence. Eversource is not responsible for any damages or losses, or any incidental, special, or consequential damage.

8. ENTIRE AGREEMENT
This document constitutes the entire agreement between the customer and Eversource and all previous representations and proposals, either written or oral, are hereby annulled and superseded. No modification shall be binding on the customer or Eversource unless it is in writing and signed by both parties.

9. EFFECTIVE DATE
This contract is effective after the customer has signed below and the contractor has been approved by the appropriate Eversource representative. All pricing and rebate offers are valid only within the current calendar year. Any project not completed within the current calendar year may be revised by Eversource to reflect the most current program pricing and offers.

NOTICE TO BUYER:
1. Do not sign this agreement if any of the space intended for the agreed terms to the extent of then available information are left blank.

2. You are entitled to a copy of this agreement at the time you sign it.

3. You may at any time pay the full balance due under this agreement, and in so doing you may be entitled to receive a partial rebate of any finance and insurance charges.

4. The seller has no right to enter unlawfully your premises or commit any breach of the peace to repossess goods purchased under this agreement. YOU, THE CUSTOMER, may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the attached Notice of Cancellation form for an explanation of this right.

In the event of defects or other problems, contact your Contract Coordinator:

Customer Name	*Contract Coordinator Name*
Address Where Work Will Be Performed	*Contract Coordinator Address*
Customer Phone Number	*Contract Coordinator Phone*
Customer Account #	*Contract Coordinator Signature & Date*

As the owner of the property listed above, I certify that (check one, cross out if not applicable):

- ☐ The tenant owns the refrigerator.
- ☐ I live in the building and own the refrigerator.
- ☐ I will pay the co-payment and agree to keep the refrigerator in the unit for at least 3 years.

In any case, where I am to be the owner of the new refrigerator, I agree that if I sell the building and/or unit, I will transfer ownership of the new refrigerator to the new owner.

Customer/Building Owner Name	*Customer/Building Owner Signature & Date*

Energy Summary Report

Your Energy Summary report addresses the recommendations for improving the comfort, safety and energy efficiency of your home. Use this report as a guide for deciding which recommended measures you want to have performed. Your contractor will be able to answer any questions you may have; can explain the specific benefits of each improvement, and can help you prioritize which improvements to undertake first. Please note that the estimated savings values listed in this report are based on program values established for typical New Hampshire homes and may not reflect the actual savings realized for your home.

Your contractor is ready to implement these recommendations promptly, and shall guarantee materials and workmanship for two years from the date of installation.

Proposed Improvement	Customer Co-Pay	ESTIMATED VALUES**		
		Energy Savings	Pay Back Period (years)	Customer Cost Savings ($/year)
Furnace Ancillary Savings	$0.00	84 kWh Electric	0.0	$14.49
Walls	$584.64	107 Gal Propane	1.7	$341.05
Air Sealing	$1,391.60	176 Gal Propane	2.5	$559.95
Attic	$3,560.64	192 Gal Propane	5.8	$610.93
Basement	$2,584.23	111 Gal Propane	7.3	$353.07
Program Delivery/Audit Fee	$0.00	N/A	N/A	N/A
Customer Co-Pay Pre-Payment	- $100.00	N/A	N/A	N/A

By implementing the above recommended improvements, you are estimated to save annually;

585 Gallon of Propane

84 kWh of Electricity

7455.5 lbs of CO2 Emissions***

This package of improvements is estimated to save you $1,879.49 on your energy bills and pay for itself in 4.3 years.

Fuel costs used to determine estimated values are based on prices monitored by the NH Office of Energy and Planning (www.nh.gov/oep)

****CO2 reduction estimates are based on values provided by the Energy Information Administration web site (www.eia.doe.gov)***

Certificate of Completion

[redacted]	[redacted]
Customer Name	*Eversource Contract Coordinator Name*
[redacted]	[redacted]
Address Where Work Will Be Performed	*Eversource Contract Coordinator Address*
[redacted]	[redacted]
Customer Phone Number	*Contract Coordinator Phone*
[redacted]	[redacted] 11/14/18
Customer Account #	*Contract Coordinator Signature & Date*
Date Inspected	*Inspector's Name*

Measure Type	Completed	Not Completed
Furnace Ancillary Savings		
Walls	SSB	
Air Sealing	SSB	
Attic	SSB	
Basement	SSB	

Combustion Appliance Final Testing				
	Heating System		Water Heater	
CO tests	☐ Pass	☐ Fail	☐ Pass	☐ Fail
Draft tests	☐ Pass	☐ Fail	☐ Pass	☐ Fail
Spillage tests	☐ Pass	☐ Fail	☐ Pass	☐ Fail
Ambient CO in living space			☐ Pass	☐ Fail
Ambient CO in CAZ			☐ Pass	☐ Fail

Certificate of Completion

Please Note: The inspection of the house is only for the purpose of finding out whether the Contractor completed the work.
Customer should not rely on the inspection for assurance that the contractor's work necessarily complies with all laws and standards related to safety.

It was the Contractor's sole responsibility to assure that the measures were installed properly and safely. In addition, this Post-Installation Inspection does not replace inspections by licensed inspectors where required by state or local law. It is the duty of the Customer to obtain such required inspections.

I have inspected the house at the above address and determined that the Contractor completed the energy conservation measures listed above.

[redacted]

Contract Coordinator Signature — *Date* 11/15/18

Customer Authorization of Completed Work

I confirm that the measures listed above have been completed to my satisfaction. I have received a copy of the Certificate of Completion and hereby authorize the release of any final payments to the Contractor. I understand that this Authorization of Completed Work does not in any manner void any warranties provided to me by the Contractor.

[redacted]

Customer Signature — *Date* 11/15/18

[redacted]

Invoice

Invoice #: 10567.00
Date: 11/15/2018
Terms: Due on receipt
PO #:
Plan ID:
Sales Rep: [redacted]
Phone #:
Email:

Customer Name:
[redacted] -

Job Name:
weatherization -
[redacted]
F:

Description	Total
BASEMENT PACKAGE:	
2" Fire Rated Polyisocyanurate installed on the block walls in the basement	$1,752.12
3" closed cell spray foam installed on the walls above the block foundation	$800.80
3" closed cell spray foam installed on the walls in the crawl space	$1,631.70
3" closed cell spray foam installed under the floor of the rear bedroom	$983.84
BASEMENT PACKAGE TOTAL: $5,168.46 (Package Is Included In Total)	
AIR SEALING PACKAGE:	
Air Sealing - Labor & Materials	$1,650.00
AIR SEALING PACKAGE TOTAL: $1,650.00 (Package Is Included In Total)	
FIRST FLOOR ATTIC PACKAGE:	
Lighting dam, rigid fire rated material	$55.50
Attic, flat-open, R38 above the kitchen	$214.20
FIRST FLOOR ATTIC PACKAGE TOTAL: $269.70 (Package Is Included In Total)	
2ND FLOOR ATTIC AND WALLS PACKAGE:	
Insulation dam, min 1/2" wood w/reinforced corners installed around the entrance to the attic	$125.00
6" Urethane (R42) 2x3 opening	$72.96
3.5" (2x4) wall insulated from outside	$319.68
Heat source barrier - chimney	$24.96
Soffit/eave air chutes	$355.20
Attic, flat-open, R60	$459.80
5" closed cell spray foam on the slopes	$1,716.00
Install netting on the interior wall and install dense pack cellulose	$778.80
Apply Intumescent Paint Covering (per fire code)	$28.05
3" closed cell spray foam(open access)	$67.65
2ND FLOOR ATTIC AND WALLS PACKAGE TOTAL: $3,948.10 (Package Is Included In Total)	
EVERSOURCE FUNDING PACKAGE:	
Admin fee (paid by Eversource)	$572.73

Invoice

[redacted]

Invoice #: 10567.00
Date: 11/15/2018
Terms: Due on receipt
PO #:
Plan ID:
Sales Rep: [redacted]
Phone #:
Email:

Customer Name:

[redacted]

Job Name:

[redacted]

F:

Eversource Funding	$-4,000.00

EVERSOURCE FUNDING PACKAGE TOTAL: $-3,427.27 (Package Is Included In Total)

MISC. ITEMS PACKAGE:

Intello and tape	$334.35
FRP and accessories to install	$313.41

MISC. ITEMS PACKAGE TOTAL: $647.76 (Package Is Included In Total)

Previous Payments

09/04/2018	Deposit - check #1182	$3,816.47

Subtotal	Total	Total Paid	Total Due	Min. Pay. Due	Due Date
$8,256.75	$8,256.75	$3,816.47	$4,440.28	**$0.00**	**11/15/2018**

Thanks For Your Business!
Thank you for your business!

NEREN MLS Listing Input Forms Preview

For Sample Warner Home

Green Marketing - 5 Fields – Located under "Green Mktg & 3rd Party Ver."

1) Green Energy Efficient:

Appliances	Exposure/Shade	Insulation	Thermostat
Constructions	HVAC	Lighting	Water Heater
Doors	Incentives	Roof	Windows

2) Green Energy Generation: Solar / Wind

3) Green Indoor Air Quality:

Contaminant Control	Integrated Pest Management	Moisture Control	Ventilation

4) Green H20 (Water) Sustainability:

Conserving Methods	Recyclable Materials	Renewable Materials
Onsite Recycling Center	Regionally Sourced Materials	Salvaged Materials

5) Green H2) (Water) Conservation:

Gray Water System	Low-Flow Fixtures	Water-Smart Landscaping
Green Infrastructure	Water Recycling	

Green Verification Program – THREE Sets – Located under "Green Mktg & 3rd Party Ver."

Blower Door Test	Indoor airPLUS	Passive House (PHIUS+)
ENERGY STAR Certified Homes	LEED for Homes	Residential New Construction Services
EnergPhit	NGBS New Construction	Vermont Home Energy Profile
HERS	NGBS Small Project Remodel	WaterSense
Home Energy Score	NGBS Whole Home Remodel	OTHER
Home Performance with ENERGY STAR	Zero Energy Ready Home (DOE Challenge Home)	

Power Production – TWO Sets – Located under "Power Production"

Power Production Type (2 sets, if needed): Photovoltaics / Wind

Mount Location: Ground/ Roof

Mount Type: Fixed Rack/ Pole / Tracker

Size:_____

Power Production Annual: _____

Production Year Install: _____

Production Verification Source:

Administrator	Contractor/ Installer	Program Sponsor	See Remarks
Assessor	Other	Program Verifier	
Builder	Owner	Public Records	

Template Updated December 2018 by Vital Communities

Sample **"Green Feature"** signs for posting around this home when appropriate:

- Open houses
- Home tours with prospective buyers
- When the appraiser is on site

Green Feature

Air Sealing

In 2018, a certified building performance contractor was brought in to professionally air-seal this home. Many gaps and cracks were filled in the basement and attic, around window frames and trim, and at electrical/plumbing penetrations.

BEFORE: 3,131 CFM50 (a measure of air leakage)

AFTER: 1755 CFM50 (**a 44% improvement!**)

Building Tightness Limit: 1435 CFM50

This home still gets plenty of fresh air, is a LOT less drafty, and uses less energy than other homes of this size.

Green Feature

Insulation Upgrades

In 2018, this attic was air sealed, properly ventilated, then filled with R60 cellulose* insulation. A custom, R39 insulated attic hatch was also built.

Insulation in this attic exceeds current code standards.

**Cellulose is a high quality, modern insulation material made from recycled newspaper and mixed with boric acid to prevent insect and rodent infestation.*

Green Feature

Insulation Upgrades

In 2018, all vertical, exterior walls in the upstairs of this home were re-insulated with **R-11 dense-pack cellulose** and air sealed to prevent air leaks.

This new insulation replaced the home's original rock wool insulation, likely doubling this wall's insulating power.

**Cellulose is a high quality, modern insulation material made from recycled newspaper and mixed with boric acid to prevent insect and rodent infestation.*

Green Feature

ENERGY STAR Furnace

This forced hot air oil furnace was installed in 2010. ENERGY STAR furnaces have annual fuel utilization efficiency (AFUE) ratings of 83 percent or higher, making them up to 15 percent more efficient than standard models.

This boiler's AFUE efficiency rating is <u>96 percent</u>

Green Feature

Insulation Upgrades

In 2018, all sloped walls in the upstairs of this home were re-insulated with **R-30 sprayfoam*** insulation, with the maximum possible insulating power per inch.

This new insulation replaced the home's original rock wool insulation, likely improving the insulating power of these slopes by a factor of about 5.

**Closed-cell sprayfoam is high quality, modern insulation material that delivers maximum insulation power per inch AND air seals at the same time.*

Green Feature

Insulation Upgrades

In 2018, the box sills and crawl space walls of this basement were insulated with **R-18 sprayfoam*** insulation.

This helps keep the floors on the home's first level from feeling cold and reduces the home's heat loss and air leakage.

**Closed-cell sprayfoam is high quality, modern insulation material that delivers maximum insulation power per inch AND air seals at the same time.*

Green Feature

Insulation Upgrades

Below your feet is 3” **R-18 sprayfoam*** insulation, installed in 2018. This reduces heat loss and keeps the bedroom floor from feeling too cold.

**Closed-cell sprayfoam is high quality, modern insulation material that delivers maximum insulation power per inch AND air seals at the same time.*

Green Feature

ENERGY STAR LED Lighting

In 2017, LED bulbs were installed in nearly all lighting in this house, inside and out.

LED bulbs are significantly more energy efficient and generate less heat than other light bulbs. These LEDs will last more than 10 years before needing to be changed.

Green Feature

Smart Thermostat

This smart thermostat uses sensors and automation to save energy. It is programmable to your unique schedule and can be controlled remotely via a smartphone for optimum energy savings.

Green Feature

Double Glazed Windows

These energy-efficiency, double-glazed windows were installed in 2018 and feature a low-E glazing to reduce solar heat gain in the summer.

Green Feature

ENERGY STAR Dishwasher

This high-efficiency dishwasher was installed in 2019.

ENERGY STAR dishwashers are, on average, 12 percent more energy efficient and 30 percent more water efficient than standard models.

Green Feature

Energy Saving Showerhead

This shower's "low-flow" showerhead uses 40% less hot water than a conventional showerhead.