



GDS Associates, Inc.  
Engineers and Consultants

## ENERGY STAR® Home Certification Report



For the dwellings located at:

**100 Longview Road  
Carroll, NH**

Sponsored by

**EVERSOURCE**  
ENERGY



1155 Elm Street, Suite 702  
Manchester, New Hampshire 03101

Phone: 603.656.0336  
Fax: 866.611.3791

**GDS Associates, Inc.**

Engineers and Consultants

## **ENERGY STAR® Homes Certification Report**

**Date:** October 9, 2015  
**To:** Ben Southworth, Garland Mill Timberframe  
**CC:** Michael Loughlin, Eversource

**Project ID:** GDS-PS-NH-ES-5465  
**Project Address:** 100 Longview Road Carroll, New Hampshire

**Congratulations...I have completed the energy performance review of this new home and have determined that the building meets the standards required to be labeled as an ENERGY STAR® Home.**

As you review this report, please remember that the results are not a precise prediction of overall energy consumption or utility bills, but rather a guide to compare energy costs between a number of house configurations, similar to the “miles per gallon” guide for automobiles. The program includes numerous factors that can affect home energy usage such as weather patterns, number and living habits of the occupants, hot water usage, lights and appliance usage, thermostat settings, and certain details of construction. In a particular house, any of these factors can vary significantly from the assumptions made.

This home was evaluated using state of the art software used to rate home energy performance. The software, REM/Rate™, has become the standard medium for determining a home's energy performance using the nationally recognized *Home Energy Ratings System* (HERS)<sup>1</sup>. This software is also used as the basis for determining whether a home meets the minimum performance standards for the EPA ENERGY STAR Home label, federal energy tax credit qualification and compliance with various energy codes.

For each home modeled in the software an energy rating known as a HERS Index is produced. This HERS index will typically be a number between 0–100 and represents the energy usage as compared to a home of similar size and shape built to minimum energy code (reference home)<sup>2</sup>. For example, a home with a HERS index of 100 means that the home uses the same amount of energy (100%) that a standard new home would use, and a home with a HERS Index of 80 uses only 80% of the energy consumed by the standard new home. Therefore, a lower HERS Index represents a better home energy performance. The HERS Index produced for this home is 1.

### **Important Comments & Suggestions:**

A “Blower Door” diagnostic test was performed on this home to measure the level of air leakage and the number of times it expels and replaces its internal air volume. Over the past 20 years the blower door has become the standard method of measuring the air infiltration characteristics of a building.

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<sup>1</sup> The REM/Rate™ software was developed by *Architectural Energy Corporation* of Boulder, Colorado.

<sup>2</sup> The reference home represents a home built to minimum energy code requirements based on International Energy Conservation Code



It is important that you develop a strategy to properly ventilate this home for both indoor-air-quality and long term building durability (moisture) reasons. Current *American Society of Heating, Refrigeration, and Air-Conditioning Engineers, Inc.* (ASHRAE) national ventilation standards recommend that you provide a minimum ventilation rate of 55 cubic feet per minute (cfm) for 24 hours per day (per unit). (See attached Air Leakage Report but be aware the report is for the whole building). Some of this ventilation will be provided naturally through typical building leakage and occupants' use of egress and operable window, but most of it will be provided by the HVAC system which includes ventilation for indoor air quality.

Important:

- If you have, or will install combustion appliances in this home or have an adjoined garage, hard wired or plug-in carbon monoxide alarms should be installed on each floor as per manufacturers' instructions.
- The HVAC equipment specifications used in the REM/Rate™ model are based on the designed performance factors of that equipment. Any deviations in actual performance from those design specifications in your home are warranty issues that are the sole responsibility of your heating/cooling design and installation contractors.

Enclosed, please find your official ENERGY STAR® Home and RESNET Home Energy Rating (HERS) certificate that can be filed with your other important documents. Also enclosed is an ENERGY STAR Home peel-and-stick label that should be attached in a permanent location of the home such as the cover to the electrical panel.

Thank you for participating in the EPA's ENERGY STAR® Homes program and for using *GDS Associates, Inc.* as your Home Energy Rating Provider and ENERGY STAR Homes Partner. Please feel free to contact me with any questions. All concerns or complaints may also be directed to my attention and will be handled in a timely manner.

Very Sincerely,



Bruce Bennett  
Senior Project Manager

**ATTACHMENTS:**

- Air Leakage Report
- ENERGY STAR® Home Verification Summary
- EPA ENERGY STAR® Homes Certificate
- IECC 2009 Certificate
- RESNET – Home Energy Rating Certificate
- HERC – Home Performance
- RESNET Home Energy Rating – Standard Disclosure
- RESNET – Home Energy Rating Label
- EPA ENERGY STAR® Homes Label (to be attached to electrical box)



GDS Associates, Inc.  
Engineers and Consultants

## AIR LEAKAGE REPORT

Date: October 09, 2015 Rating No.: GDS-PS-NH-ES-5465

Building Name: Szauter Residence Rating Org.: GDS Associates, Inc.  
Owner's Name: Imre & Debbie Szauter Phone No.: (603) 656-0336  
Property: 100 Longview Road Rater's Name: Joe Rando  
Address: Carroll, NH Rater's No.: 4348719  
Builder's Name: Garland Mill Timberframes  
Weather Site: St. Johnsbury, VT Rating Type: Confirmed  
File Name: 100 Longview Drive - Final.blg Rating Date: September 9, 2015

Whole House Infiltration	Blower door test	
	Heating	Cooling
Natural ACH:	0.02	0.02
ACH @ 50 Pascals:	0.37	0.37
CFM @ 25 Pascals:	127	127
CFM @ 50 Pascals:	199	199
Eff. Leakage Area: [sq.in]	10.9	10.9
Specific Leakage Area:	0.00002	0.00002
ELA/100 sf shell: [sq.in]	0.19	0.19
Duct Leakage	<b>Leakage to Outside Units</b>	
	CFM @ 25 Pascals:	
	CFM25 / CFMfan:	
	CFM25 / CFA:	
	CFM per Std 152:	
	CFM per Std 152 / CFA:	
	CFM @ 50 Pascals:	
	Eff. Leakage Area: [sq.in]	
	Thermal Efficiency:	
	<b>Total Duct Leakage Units</b>	
Ventilation	<b>Mechanical:</b>	
	<b>Sensible Recovery Eff. (%):</b>	<b>Balanced</b> 75.0 <b>ASHRAE 62.2-2010</b>
	<b>Total Recovery Eff. (%):</b>	64.0
	<b>Rate (cfm):</b>	55 55
	<b>Hours/Day:</b>	24.0 24
	<b>Fan Watts:</b>	15.0
	<b>Cooling Ventilation:</b>	No Ventilation

### Regarding ASHRAE 62.2 Ventilation Compliance

The ASHRAE 62.2 flow rates shown above are the CONTINUOUS mechanical fresh air ventilation which will meet the 'whole-building' under that version of the standard. Both values incorporate any appropriate 'infiltration credit'. Intermittent mechanical ventilation flow rate is adjusted accordingly. For example, the runtime can be reduced to 12 hours per day using a doubled flow rate, as long as ventilation at least once every 3 hours. For more detail, refer to the appropriate standard.



GDS Associates, Inc.  
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## 2005 EPACT ENERGY EFFICIENT HOME TAX CREDIT ( 13-001 )

Date:	October 09, 2015	Rating No.:	GDS-PS-NH-ES-5465
Building Name:	Szauter Residence	Rating Org.:	GDS Associates, Inc.
Owner's Name:	Imre & Debbie Szauter	Phone No.:	(603) 656-0336
Property:	100 Longview Road	Rater's Name:	Joe Rando
Address:	Carroll, NH	Rater's No.:	4348719
Builder's Name:	Garland Mill Timberframes		
Weather Site:	St. Johnsbury, VT	Rating Type:	Confirmed
File Name:	100 Longview Drive - Final.blg	Rating Date:	September 9, 2015

### Normalized, Modified End-Use Loads (MMBtu/year)

	2006 IECC 50% Target	As Designed
Heating:	38.2	12.3
Cooling:	2.2	9.7
Total:	40.4	21.9

### Envelope Loads (MMBtu/year)

	2006 IECC 90% Target	As Designed
Heating:	68.8	15.1
Cooling:	4.0	12.1
Total:	72.8	27.2

**This home MEETS the requirements for the residential energy efficiency tax credits under Section 1332, Credit for Construction of New Energy Efficient Homes, of the Energy Policy Act of 2005 extended to December 31, 2014.**

As demonstrated above, this dwelling unit has a projected level of annual heating and cooling energy consumption that is at least 50% below the annual level of heating cooling energy consumption of a 2006 IECC reference dwelling in the same climate zone, and the building envelope components improvements alone account for at least 10% of those savings. The projected heating and cooling energy savings above have been calculated in the manner prescribed in Appendix A of the RESNET Publication No. 13-001. Field inspections of the dwelling unit performed by the undersigned eligible certifier during and after the completion of construction have confirmed that all features of the home affecting such heating and cooling energy consumption comply with the design specifications provided to the undersigned certifier.

### Building Features

Ceiling Flat: NA	Slab: R-24.0 Edge, R-24.0 Under
Sealed Attic: NA	Duct: NA
Vaulted Ceiling: R-57.0	Window: U-Value: 0.088, SHGC: 0.620
Above Grade Walls: R-38.0	Heating Air-source heat pump, Electric, 11.3 HSPF.
Foundation Walls: R-26.5	Cooling N/A
Exposed Floor: NA	

**Under penalties of perjury, I declare that I have examined this certification, including accompanying documents, and to the best of my knowledge and belief, the facts presented in support of this certification are true, correct, and complete.**

Name: Joe Rando	Signature: _____
Company: GDS Associates, Inc.	Date: September 9, 2015
Address: 1155 Elm Street, Suite 702, Manchester, NH 03101	

### REM/Rate - Residential Energy Analysis and Rating Software v14.6.1

This information does not constitute any warranty of energy cost or savings.  
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## ENERGY STAR VERSION 3 HOME VERIFICATION SUMMARY

Date:	October 09, 2015	Rating No.:	GDS-PS-NH-ES-5465
Property:	100 Longview Road Carroll, NH	Rating Org.:	GDS Associates, Inc.
Builder's Name:	Garland Mill Timberframes	Rater's Name:	Joe Rando
Building Name:	Szauter Residence	Rater's ID:	4348719
		Rating Date:	September 9, 2015

### Building Information

Conditioned Area (sq ft):	3205
Conditioned Volume (cubic ft):	32416
Insulated Shell Area (sq ft):	5690
Number of Bedrooms:	2
Housing Type:	Single-family detached
Foundation Type:	Conditioned basement

### Ratings

HERS Index:	1
HERS Index w/o PV:	32
HERS Index Target (SAF Adjusted):	55
HERS Index of Reference Design Home:	58
Size Adjustment Factor:	0.95

### Building Shell

Ceiling w/Attic:	None	Window/Wall Ratio:	0.14
Sealed Attic:	None	Window Type:	U:0.088, SHGC:0.62*
Vaulted Ceiling:	R57,CE1,16-16 C* U=0.020	Window U-Value:	0.088
Above Grade Walls:	R38,EPS,10-16* U=0.024	Window SHGC:	0.620
Found. Walls (Cond):	R10,G1,4-16,16I R=26.5	Infiltration:	Htg: 199 Clg: 199 CFM50
Found. Walls (Uncond):	None	Duct Leakage to Outside:	NA
Floors:	None	Total Duct Leakage:	NA
Slab Floors:	R24P,R24U,24W* U=0.020		

### Mechanical Systems

Heating	Air-source heat pump, 21.6 kBtuh, 11.3 HSPF.
Water Heating	Heat pump, Elec, 2.73 EF.
Programmable Thermostat:	Heat=Yes; Cool=Yes
Ventilation System:	Balanced: ERV, 55 cfm, 15.0 watts.

### Lights and Appliances

Percent Interior Lighting:	100.00	Clothes Dryer Fuel:	Electric
Percent Garage Lighting:	100.00	Clothes Dryer EF:	3.01
Refrigerator (kWh/yr):	665.00	Clothes Washer LER:	96.00
Dishwasher kWh/yr:	259.00	Clothes Washer Capacity:	3.81
Ceiling Fan (cfm/Watt):	225.00	Range/Oven Fuel:	Electric

Note: Where feature level varies in home, the dominant value is shown.

### REM/Rate - Residential Energy Analysis and Rating Software v14.6.1

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ENERGY STAR VERSION 3 HOME VERIFICATION SUMMARY

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Szauter Residence

Page 2

**This home MEETS OR EXCEEDS the EPA's requirements for an ENERGY STAR Home.**  
*HERS Index w/o PV  $\leq$  HERS Index of Reference Design Home AND HERS Index  $\leq$  HERS Index Target to comply.*





# ENERGY STAR<sup>®</sup> CERTIFIED NEW HOME

**Builder Name:** Garland Mill Timberframes  
**Permit Date/Number:**  
**Home Address:** 100 Longview Road  
Carroll, NH

**Rating Company:** GDS Associates, Inc.  
**Rater Identification Number:** 4348719  
**Rating Date:** September 9, 2015  
**Version:** 3.0

## Standard Features of an ENERGY STAR Certified New Home

Your ENERGY STAR certified new home has been designed, constructed, and independently verified to meet rigorous requirements for energy efficiency set by the U.S. Environmental Protection Agency (EPA), including:

### Thermal Enclosure System

A complete thermal enclosure system that includes comprehensive air sealing, quality-installed insulation and high-performing windows to deliver improved comfort and lower utility bills.



**Air Infiltration Test:** Htg: 199 Clg: 199 CFM50

**Primary Insulation Levels:**

**Ceiling:** R-57.0      **FndWall:** R-26.5  
**AGWall:** R-38.0      **Slab:** R-24.0, R-24.0

**Primary Window Efficiency:**

**U-Value:** 0.088, **SHGC:** 0.620

### Water Management System

A comprehensive water management system to protect roofs, walls, and foundations.



Flashing, a drainage plane, and site grading to move water from the roof to the ground and then away from the home.

Water-resistant materials on below-grade walls and underneath slabs to reduce the potential for water entering into the home.

Management of moisture levels in building materials during construction.

### Heating, Cooling, and Ventilation System

A high-efficiency heating, cooling system, and ventilation system that is designed and installed for optimal performance.



**Total Duct Leakage:**

**NA**

**Duct Leakage to Outdoors:**

**NA**

**Primary Heating (System Type • Fuel Type • Efficiency):**

**Air-source heat pump, Electric, 11.3 HSPF.**

**Primary Cooling (System Type • Fuel Type • Efficiency):**

**None**

### Energy Efficient Lighting and Appliances

Energy efficient products to help reduce utility bills, while providing high-quality performance.



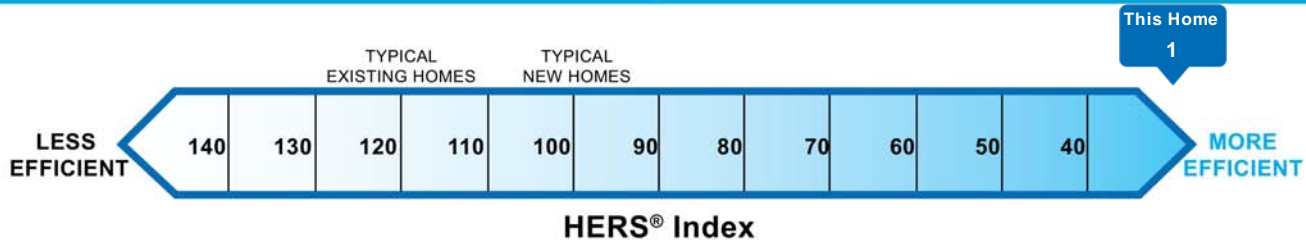
**ENERGY STAR Qualified Lighting:** 100%

**ENERGY STAR Qualified Appliances and Fans:**

**Refrigerators:** 1      **Dishwashers:** 1  
**Ceiling Fans:** 1      **Exhaust Fans:** 0

**Primary Water Heater (System Type • Fuel Type • Efficiency):**

**Heat pump, Electric, 2.73 EF, 80.0 Gal.**



The certificate provides a summary of the major energy efficiency and other construction features that contribute to this home earning the ENERGY STAR, including its Home Energy Rating System (HERS) score, as determined through independent inspection and verification performed by a trained professional. The home Energy Rating System is a nationally-recognized uniform measurement of the energy efficiency of homes.

Note that when a home contains multiple performance levels for a particular feature (e.g., window efficiency or insulation levels), the predominant value is shown. Also, homes may be certified to earn the ENERGY STAR using a sampling protocol, whereby one home is randomly selected from a set of homes for representative inspections and testing. In such cases, the features found in each home within the set are intended to meet or exceed the values presented on this certificate. The actual values for your home may differ, but offer equivalent or better performance.

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Learn more at [www.energystar.gov/homefeatures](http://www.energystar.gov/homefeatures)



100 Longview Road  
Carroll, NH

Garland Mill Timberframes

GDS Associates, Inc.

September 9, 2015

Version 3.0

HERS Index: 1

# HOME CERTIFIED TO MEET THE PROVISIONS OF THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE

This home built at

**100 Longview Road , Carroll, NH**

by Garland Mill Timberframes

**exceeds the minimum requirements for the 2009 International Energy Conservation Code**

**September 9, 2015**

## **Building Features**

Ceiling Flat: NA	Duct Leakage to Outside: NA
Sealed Attic: NA	Total Duct Leakage: NA
Vaulted Ceiling: R-57.0	Infiltration: Htg: 199 Clg: 199 CFM50
Above Grade Walls: R-38.0	Window: U-Value: 0.088, SHGC: 0.620
Foundation Walls: R-26.5	Heating Air-source heat pump, Electric, 11.3 HSPF.
Exposed Floor: NA	Cooling N/A
Slab: R-24.0 Edge, R-24.0 Under	Water Heating Heat pump, Electric, 2.73 EF, 80.0 Gal.
Duct: NA	

**The organization below certifies that the proposed building design described herein is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2009 IECC requirements in compliance with Chapter 4 based on Climate Zone 6A and with all mandatory requirements.**

Name: <u>Joe Rando</u>	Signature: _____
Organization: <u>GDS Associates, Inc.</u>	Date: <u>October 09, 2015</u>

*The 2009 International Energy Conservation Code is a registered trademark of the International Code Council, Inc. ( "ICC").  
No version of this software has been reviewed or approved by ICC or its affiliates.  
REM/Rate - Residential Energy Analysis and Rating Software v14.6.1*



**GDS Associates, Inc.**  
Engineers and Consultants

# Home Energy Rating Certificate

100 Longview Road  
Carroll, NH



**5 Stars Plus  
Confirmed**

## Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

**HERS Index:** **1**

## General Information

Conditioned Area: 3205 sq. ft. HouseType: Single-family detached  
Conditioned Volume: 32416 cubic ft. Foundation: Conditioned basement  
Bedrooms: 2

## Mechanical Systems Features

Heating: Air-source heat pump, Electric, 11.3 HSPF.  
Water Heating: Heat pump, Electric, 2.73 EF, 80.0 Gal.

Duct Leakage to Outside: NA  
Ventilation System: Balanced: ERV, 55 cfm, 15.0 watts.  
Programmable Thermostat: Heating: Yes Cooling: Yes

## Building Shell Features

Ceiling Flat: NA Slab: R-24.0 Edge, R-24.0 Under  
Sealed Attic: NA Exposed Floor: NA  
Vaulted Ceiling: R-57.0 Window Type: U-Value: 0.088, SHGC: 0.620  
Above Grade Walls: R-38.0 Infiltration Rate: Htg: 199 Clg: 199 CFM50  
Foundation Walls: R-26.5 Method: Blower door test

## Lights and Appliance Features

Percent Interior Lighting: 100.00 Range/Oven Fuel: Electric  
Percent Garage Lighting: 100.00 Clothes Dryer Fuel: Electric  
Refrigerator (kWh/yr): 665.00 Clothes Dryer EF: 3.01  
Dishwasher (kWh/yr): 259.00 Ceiling Fan (cfm/Watt): 225.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

**REM/Rate - Residential Energy Analysis and Rating Software v14.6.1**

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**Registry ID: 029322052**

**Rating Number: GDS-PS-NH-ES-5465**

Certified Energy Rater: Joe Rando

Rating Date: September 9, 2015

Rating Ordered For: Imre & Debbie Szauter

## Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	9.8	\$485	700%
Cooling	0	\$0	0%
Hot Water	3.6	\$176	255%
Lights/Appliances	22.3	\$1107	1600%
Photovoltaics	-37.3	\$-1849	-2672%
Service Charges		\$150	217%
<b>Total</b>	<b>1.5</b>	<b>\$69</b>	<b>100%</b>

**This home meets or exceeds the minimum  
criteria for all of the following:**

EPA ENERGY STAR Version 3 Home

**GDS Associates Inc**  
1155 Elm Street, #702  
Manchester, NH 03101  
603.656.0336



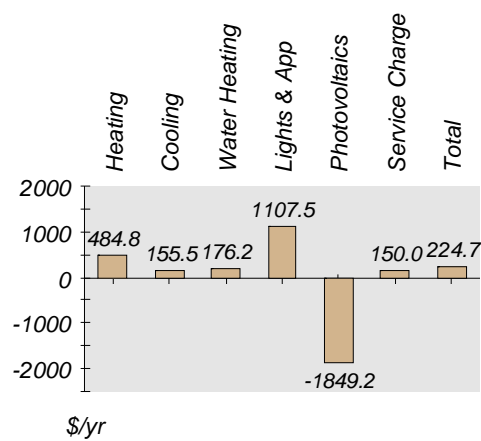
# HOME PERFORMANCE WITH ENERGY STAR

## ENERGY RATING CERTIFICATE

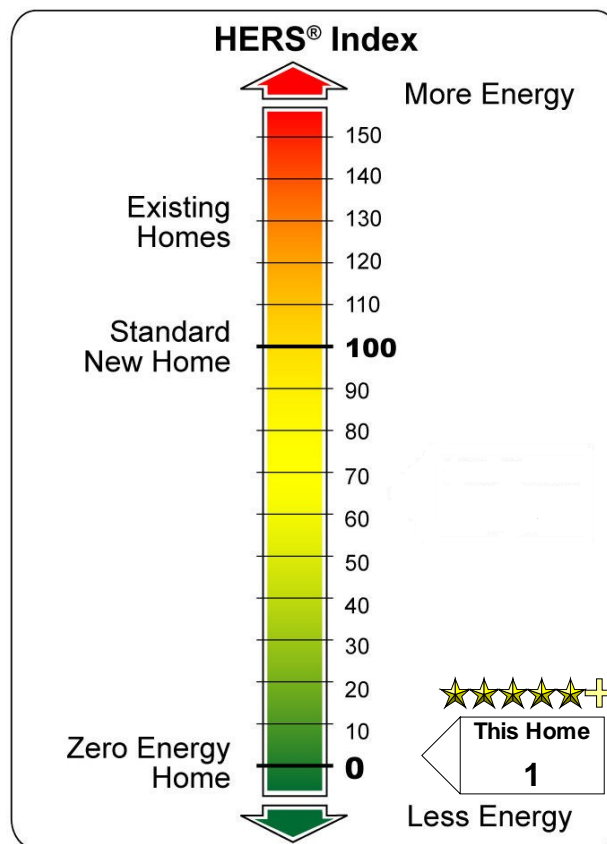
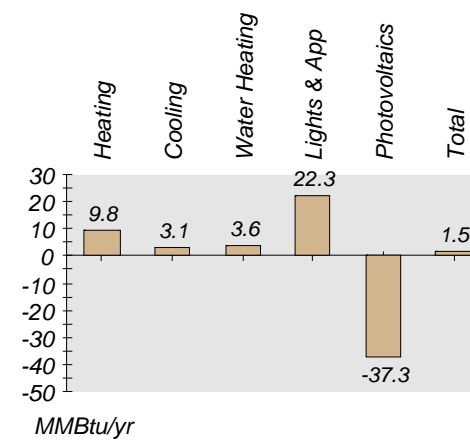


**GDS Associates, Inc.**  
Engineers and Consultants

Estimated Annual Energy Cost



Estimated Annual Energy Consumption



Address: 100 Longview Road  
Carroll, NH

House Type: Single-family detached  
Cond. Area: 3205 sq. ft.  
Rating No.: GDS-PS-NH-ES-5465  
Issue Date: October 09, 2015  
Certification: Verified

Annual Estimates\*:  
Electric(kWh): 449  
CO2 emissions(Tons): 0  
Annual Savings\*\*: \$7765

\* Based on standard operating condition.  
\*\* Based on a HERS 130 Index Home

**GDS Associates Inc**  
1155 Elm Street, #702

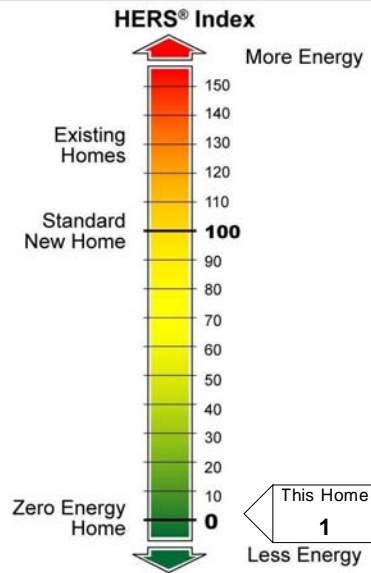
Certified Rater: Joe Rando  
Rater ID: 4348719  
Registry ID: 029322052  
Rating Date: September 9, 2015



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The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

## RESNET HERS Index Certificate



100 Longview Road  
Carroll, NH  
Rater: Joe Rando  
Registry ID: 029322052

**Annual Estimates\*:**

Elec(kWh): 98

C02 emissions(Tons): 0

Energy Savings (\$)\*\*: 7680

*\*Based on standard operating conditions*

*\*\*Based on U.S. DOE designation of a HERS Index of 130 as the 'Typical Existing Home'*



GDS Associates Inc  
1155 Elm Street, #702  
Manchester, NH 03101  
603.656.0336

*This home has been inspected  
and performance tested in  
accordance with Chapter 3 of  
the RESNET standards.*

**RESNET®**  
www.resnet.us

# RESNET HOME ENERGY RATING

## Standard Disclosure

For home located at: 100 Longview Road

City: Carroll

State: NH

1. ☒ The Rater or the Rater's employer is receiving a fee for providing the rating on this home.
2. ☐ In addition to the rating, the Rater or Rater's employer has also provided the following consulting services for this home:

- ☐ A. Mechanical system design
- ☐ B. Moisture control or indoor air quality consulting
- ☐ C. Performance testing and/or commissioning other than required for the rating itself
- ☐ D. Training for sales or construction personnel
- ☐ E. Other (specify below)

3. ☒ The Rater or Rater's employer is:
- ☐ A. The seller of this home or their agent
- ☐ B. The mortgagor for some portion of the financed payments on this home
- ☒ C. An employee, contractor or consultant of the electric and/or natural gas utility serving this home

4. ☐ The Rater or Rater's employer is a supplier or installer of products, which may include:

	Installed in this home by:		OR	Is in the business of:	
HVAC systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Thermal insulation systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Air sealing of envelope or duct systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Windows or window shading systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Energy efficient appliances	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Construction (builder, developer, construction contractor, etc.)	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
Other (specify below):	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer

I attest that the above information is true and correct to the best of my knowledge. As a Rater or Rating Provider I abide by the rating quality control provisions of the Mortgage Industry National Home Energy Rating Standard as set forth by the Residential Energy Services Network (RESNET). The national rating quality control provisions of the rating standard are contained in Chapter One 4.C.8. of the standard and are posted at [http://resnet.us/standards/RESNET\\_Mortgage\\_Industry\\_National\\_Home\\_Energy\\_Rating\\_Standard\\_Disclosure](http://resnet.us/standards/RESNET_Mortgage_Industry_National_Home_Energy_Rating_Standard_Disclosure) for this home is available from the rating provider.

Joe Rando

Rater's Printed Name

4348719

Certification #

October 09, 2015

Date

Rater's Signature