

Home Energy Rating Certificate

Final Report

Rating Date: 2025-06-13
 Registry ID: 753136946
 Ekotrope ID: 23JARDav

HERS® Index Score:

28

Your home's HERS score is a relative performance score. The lower the number, the more energy efficient the home. To learn more, visit www.hersindex.com

Annual Savings

\$10,210

*Relative to an average U.S. home

Home:

937 Springs Fireplace Rd.
 East Hampton, NY 11937

Builder:

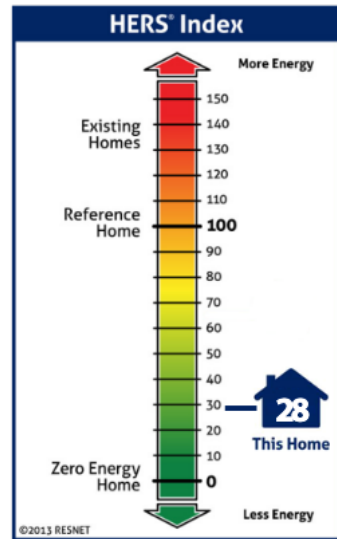
Smart Homes of the Hamptons

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	38.6	\$2,159
Cooling	2.2	\$133
Hot Water	16.0	\$546
Lights/Appliances	36.0	\$2,074
Service Charges		\$156
Generation (e.g. Solar)	-35.9	-\$2,078
Total:	57.0	\$2,990

This home meets or exceeds the criteria of the following:

2020 New York ECCC
 2018 International Energy Conservation Code



Home Feature Summary:

Home Type:	Single family detached
Model:	N/A
Community:	N/A
Conditioned Floor Area:	6,079 ft ²
Number of Bedrooms:	6
Primary Heating System:	Air Source Heat Pump • Electric • 9.1 HSPF2
Primary Cooling System:	Air Source Heat Pump • Electric • 19 SEER2
Primary Water Heating:	Residential Water Heater • Propane • 0.95 UEF
House Tightness:	1548 CFM50 (1.35 ACH50)
Ventilation:	116 CFM • 92.4 Watts • ERV
Duct Leakage to Outside:	Untested Forced Air
Above Grade Walls:	R-23
Ceiling:	Vaulted Roof, R-45
Window Type:	U-Value: 0.28, SHGC: 0.27
Foundation Walls:	R-21
Framed Floor:	R-30

Rating Completed by:

Energy Rater: Gordon Grant
 RESNET ID: 3523544

Rating Company: Dwelling Dynamics, LLC
 9 Oak Ledge Lane East Hampton, NY 11937
 631-324-0858

Rating Provider: Performance Systems Development
 950 Danby Rd, Ste 201P, Ithaca NY 14850
 607-277-6240

Gordon Grant, Certified Energy Rater
 Digitally signed: 7/18/25 at 10:47 AM



Energy savings calculated without modifications to the energy model. (As Modeled)

Ekotrope RATER - Version:4.1.2.3671

The Energy Rating Disclosure for this home is available from the Approved Rating Provider.

This report does not constitute any warranty or guarantee.

RESNET HOME ENERGY RATING

Standard Disclosure

For home(s) located at: **937 Springs Fireplace Rd., East Hampton, NY**

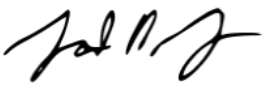
Check the applicable disclosure(s):

- The Rater or the Rater's employer is receiving a fee for providing the rating on this home.
- In addition to the rating, the Rater or the 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)
- The Rater or the 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
- The Rater or Rater's employer is a supplier or installer of products, which may include:

Products	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
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): <input type="text"/>	<input type="checkbox"/> Rater <input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer

This home has been verified under the provisions of Chapter 6, Section 603 "Technical Requirements for Sampling" of the Mortgage Industry National Home Energy Rating Standard as set forth by the Residential Energy Services Network (RESNET). Rater Certification #: 3523544

Name: Gordon Grant
Organization: Dwelling Dynamics, LLC

Signature: 
Digitally signed: 7/18/25 at 10:47 AM

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 102.1.4.6 of the standard and are posted at <https://standards.resnet.us>

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

New York ECCC 2020 Performance Compliance

Property

937 Springs Fireplace Rd.
East Hampton, NY 11937

937 Springs Fireplace Rd.
937 Springs Fireplace Rd. - 071125 FINAL

Organization

Dwelling Dynamics, LLC
Gordon Grant
631-324-0858

Builder

Smart Homes of the
Hamptons

Inspection Status

2025-06-13
Rater ID (RTIN): 3523544
RESNET Registered
(Confirmed)

Annual Energy Cost

Design	New York ECCC 2020 Performance	As Designed
Heating	\$2,575	\$1,850
Cooling	\$226	\$230
Water Heating	\$1,070	\$1,069
Mechanical Ventilation	\$63	\$143
SubTotal - Used to determine compliance	\$3,935	\$3,292
Lights & Appliances w/out Ventilation	\$1,718	\$1,718
Onsite generation	\$0	\$0
Total	\$5,653	\$5,010

Source Energy Exception: The proposed home uses 39.3 MBtu LESS source energy than the reference home.


Requirements

✓	R405.3	Performance-based compliance passes by 18.9%	The proposed house meets the New York ECCC 2020 Performance reference energy bill requirement by \$642.63 (39.3 MBtu).
✓	R402.4.1.2	Air Leakage Testing	Air sealing is 1.35 ACH at 50 Pa. It must not exceed 3.00 ACH at 50 Pa.
✓	R402.5	Area-weighted average fenestration SHGC	Area-weighted average fenestration SHGC is 0.283. The maximum allowed value is [No Limit].
✓	R402.5	Area-weighted average fenestration U-Factor	
✓	R404.1	Lighting Equipment	
✓	R403.6.1	Mechanical Ventilation Efficacy	
✓	R403.3.3	Duct Testing	
✓	Mandatory Checklist	Mandatory code requirements that are not checked by Ekotrope must be met.	New York 2020 Mandatory Requirements must be checked as complete.
✓	R403.6	Mechanical Ventilation Rate	
✓	R405.2	Duct Insulation	All ducts outside the thermal envelope must be insulated to at least R6.0.

Design exceeds requirements for New York ECCC 2020 Performance compliance by 18.9%.

As a 3rd party extension of the code jurisdiction utilizing these reports, I certify that this energy code compliance document has been created in accordance with the requirements of Chapter 4 of the adopted International Energy Conservation Code based on SUFFOLK County. If rating is Projected, I certify that the building design described herein is consistent with the building plans, specifications, and other calculations submitted with the permit application. If rating is Confirmed, I certify that the address referenced above has been inspected/tested and that the mandatory provisions of the IECC have been installed to meet or exceed the intent of the IECC or will be verified as such by another party.

Name: Gordon Grant
Organization: Dwelling Dynamics, LLC

Signature: 
Digitally signed: 7/18/25 at 10:47 AM

Ekotrope RATER - Version 4.1.2.3671

New York ECCC 2020 Performance compliance results calculated using Ekotrope RATER's energy and code compliance algorithm, including appropriate amendments.

Ekotrope RATER is a RESNET Accredited HERS Rating Tool. All results are based on data entered by Ekotrope users.

Ekotrope disclaims all liability for the information shown on this report.

New York ECCC 2020 UA Compliance

Property

937 Springs Fireplace Rd.
East Hampton, NY 11937

937 Springs Fireplace Rd.
937 Springs Fireplace Rd. - 071125 FINAL

Organization

Dwelling Dynamics, LLC
Gordon Grant
631-324-0858

Builder

Smart Homes of the
Hamptons

Inspection Status

2025-06-13
Rater ID (RTIN): 3523544
RESNET Registered
(Confirmed)

Building UA


Elements	IECC Reference	As Designed
Ceilings	87.3	71.5
Above-Grade Walls	165.3	121.3
Windows, Doors and Skylights	563.1	490.1
Slab Floor:	66.3	53.6
Framed Floors	31.2	23.6
Foundation Walls	113.3	68.3
Rim Joists	11.4	9.5
Overall UA (Design must be equal or lower):	1,037.9	837.9

Requirements

✓	R402.1.5	Total UA alternative compliance passes by 19.3%.	The proposed home meets the UA requirement by 19.3%
✓	R402.3.2	Average SHGC: 0.28 Max SHGC: 0.40	Average SHGC of 0.28 is greater than the maximum of 0.40.
i	R402.2.10	Slab insulation is evaluated through total UA.	
✓	R402.4.1.2	Air Leakage Testing	Air sealing is 1.35 ACH at 50 Pa. It must not exceed 3.00 ACH at 50 Pa.
✓	R402.5	Area-weighted average fenestration SHGC	Area-weighted average fenestration SHGC is 0.283. The maximum allowed value is [No Limit].
✓	R402.5	Area-weighted average fenestration U-Factor	
✓	R404.1	Lighting Equipment	
✓	R403.6.1	Mechanical Ventilation Efficacy	
✓	Mandatory Checklist	Mandatory code requirements that are not checked by Ekotrope must be met.	New York 2020 Mandatory Requirements must be checked as complete.
✓	R403.6	Mechanical Ventilation Rate	
✓	R403.3.4	Duct Leakage Testing	
✓	R403.5.3	Hot water pipe insulation	Hot water pipes at least 3/4 in diameter must be insulated to R-3 at minimum.

Design exceeds requirements for New York ECCC 2020 Prescriptive compliance by 19.3%.

Name: Gordon Grant
Organization: Dwelling Dynamics, LLC

Signature: 
Digitally signed: 7/18/25 at 10:47 AM

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New York 2020 ECCC Compliance Report (ERI Pathway) RESNET Registered Energy Rating Index Report

Property

Organization

Energy Rating Index Information

Builder: Smart Homes of the Hamptons
 Address:
 937 Springs Fireplace Rd., East Hampton, NY 11937

Company: Dwelling Dynamics, LLC
 Phone: 631-324-0858
 Rater: Gordon Grant

RESNET Registered Rating
 Rating No: 753136946
 Date Rated: 2025-06-13
 Rater ID (RTIN): 3523544

Estimated Annual Energy Consumption*

	Rated Home Calculated Energy Use (MBtu)	Rated Home Cost (\$/yr)
Heating	38.6	\$2,159
Cooling	2.2	\$133
Water Heating	16.0	\$546
Lights & Appliances	36.0	\$2,074
Photovoltaics	-35.9	-\$2,078
Service charge	-	\$156
Total	57.0	\$2,990

*Based on standard operating conditions

ERI with PV:25

ERI without PV:46

Annual Estimates

Electric (kWh): 22,512.5
 Natural Gas (Therms): 0.0

CO2 Emissions (Tons): 6.3

Maximum Energy Rating Index: 62


This Home's Energy Rating Index: 25

PASS

This home MEETS the Energy Rating Index Score requirement of New York 2020 ECCC Compliance Report (ERI Pathway) for Climate Zone 4. It MEETS all of the requirements verified by Ekotrope. Mandatory requirements are summarized on the 2nd page of this report, some of which are not verified by Ekotrope.

Name: Gordon Grant

Signature:



Organization: Dwelling Dynamics, LLC

Digitally signed: 7/18/25 at 10:47 AM

Rating Provider Data and Seal

Company: Performance Systems Development
 Address: 950 Danby Rd, Ste 201P, Ithaca NY 14850
 Phone #: 607-277-6240
 Fax #: 607-277-6224



To determine if a provider is properly accredited go to: www.resnet.us/professional/programs/search_directory

(Confirmed and tested)

Climate Zone 4		Mandatory Requirements
Provision Number	Topic	Compliance Decision
2010 ECCCNY Table 402.1.1 or 402.1.3	Building thermal envelope minimum insulation levels and maximum fenestration U-factor and SHGC	Pass
R401.3	Post a permanent certificate listing the level of efficiencies installed in the house	Certificate required for CO
R402.4.1.2	Envelope air leakage maximum leakage rate	Pass
R402.4.1 / Table R402.4.1.1	Comply with air sealing and insulation requirements in Table R402.4.1.1	Checklist required for CO
R402.4.4	Rooms containing fuel-burning appliances	Pass*
R402.5	Maximum fenestration U-factor and SHGC	(U-Factor) Pass (SHGC) Pass
R403.1.2	Heat pump controls	Pass*
R406.2	Ducts outside of conditioned space to be insulated to a minimum of R-6.	Pass*
R403.3.2	Duct sealing on all ducts	Pass*
R403.3.3	Duct testing for ducts in unconditioned space	PASS
R403.3.5	Building cavities not used as ducts.	Pass*
R403.5.1	Heated water circulation and temperature maintenance systems comply	Pass*
R403.5.3	Hot water pipe insulated to R-3	Pass
R403.6	Mechanical ventilation meeting the requirements of the IRC or IMC. Outdoor air and exhaust dampers installed	Pass*
R403.7	ACCA Manual J and S conducted for all heating and cooling systems.	ACCA forms required for permit
R403.8	Systems serving multiple dwelling units to meet the mechanical requirements of IECC commercial code	Pass*
R403.9	Snow melt and ice system controls installed where applicable	Pass*
R403.10	Pools and permanent spa energy consumption meet requirements for heaters, time clocks and covers	Pass*
R403.11	Portable spas meet the requirements of APSP-14.	Pass*
R404.1	High efficacy lights installed in 90% of permanently installed fixtures.	Pass

* These items have been field-verified by the Rater, Field Inspector, Code Inspector, or Builder.

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