# "RESNET Appraiser Portal Free to Appraisal Institute Members, Candidates for Designation, Practicing Affiliates Only

June 5, 2020
By Sandra K. Adomatis, SRA, LEED Green Assoc., GREEN



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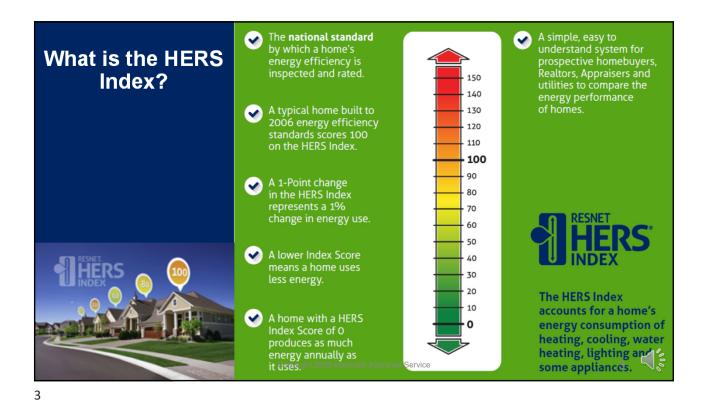
#### What is RESNET?

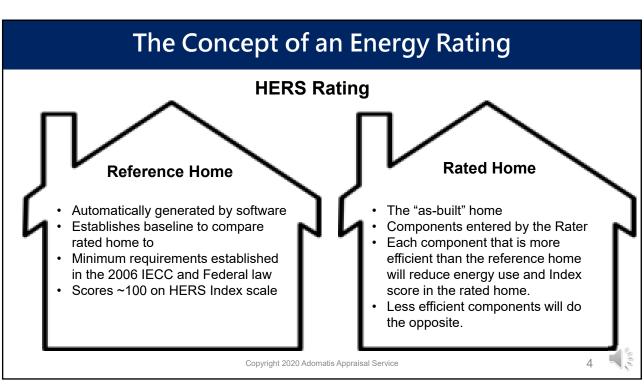


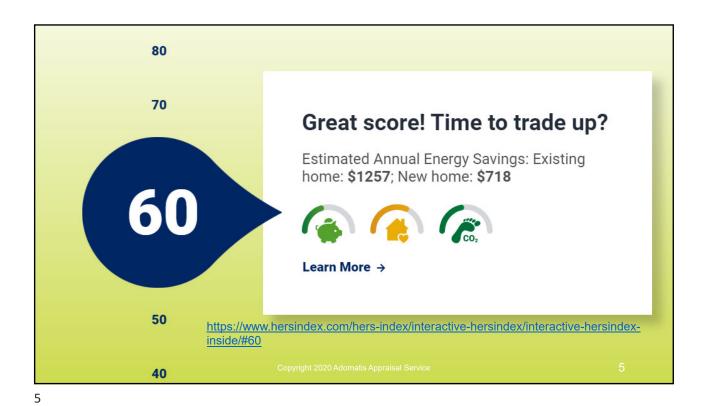
- · An industry-based, not for profit organization founded in 1995
- A national standards making body for building energy efficiency rating and certification systems in the USA (ANSI Accredited Standards Development Organization)
- Created and maintains the Mortgage Industry National Home Energy Rating System Standards
- Set the standards for certification of Home Energy Raters and Quality Assurance of HERS Ratings

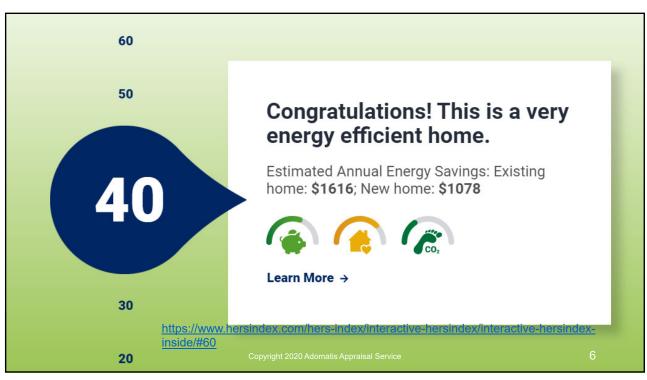
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Congratulations!

This is a net zero home that produces as much energy as it consumes.

Estimated Annual Energy Savings: Existing home: \$2355; New home: \$1796

Learn More →

https://www.hersindex.com/hers-index/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interactive-hersindex/interacti

The RESNET Appraiser Portal Secured Portal URL:

https://portal.resnet.us/

Private Portal for Appraisal Institute Members, Candidates for Membership, Practicing Affiliates

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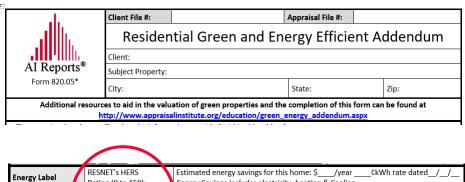
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The RESNET Public Portal Secured Portal URL:

https://www.hersindex.com/hers-rated-home-search/

No Excuses for Agents or Appraisers!

# RESNET's Appraisal Portal Includes Confirmed Ratings Only



Energy Label Labels <u>disclose</u> the state of the home' energy <u>assets</u> .	RESNET'S HERS Rating (0 to 150):  Sampling Rating Projected Rating Confirmed Rating	Estimated energy savings for this home: \$/yearCkWh 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.
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# **Differences in HERS Ratings**

	Sampling	Projected	Confirmed
Random Testing of a number of houses built by same builder.	X		
Rating based on plans and specifications – preliminary – not tested		X	
Diagnostically tested with blower door and duct blaster			X

A Sampling or Projected rating requires an extraordinary assumption in an appraisal report. Builders should provide a Projected Rating for mortgage lending work to allow appraisers to understand the energy efficiency. A Confirmed Rating cannot be done until the house is completed.

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# Appraising from Plans & Specifications

- Ask for a projected HERS Rating.
- It may cost a little more but will give the appraiser support for the energy efficiency rating and a savings amount to develop one indication of the value of the efficiency.
- Make the appraisal subject to a confirmed rating and completion per plans and specifications.

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# GreenCHOICE Mortgages – Require Energy Rating

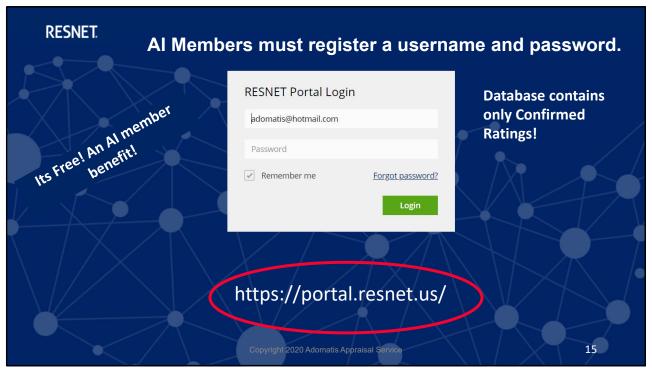
APPRAISAL AND ENERGY REPORTS

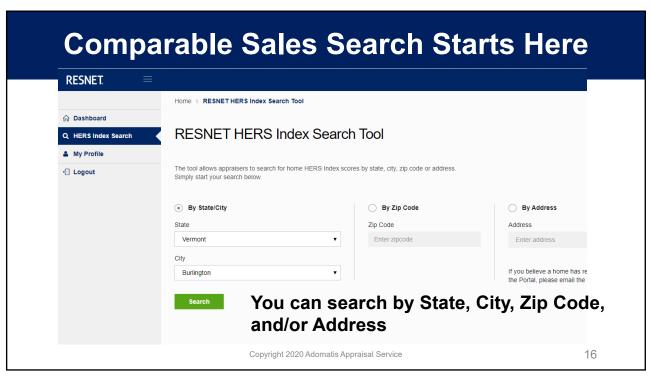
- The Seller must obtain an interior and exterior inspection appraisal. See Guide Section 5601.12 (p) for appraisal specific requirements.
- A completion report is required to verify completion of the improvements.
- The Seller must obtain a copy of an energy report. The following are acceptable energy reports.
  - o A Home Energy Rating Systems (HERS) report
  - o A Department of Energy Home Energy Score Report
  - o Comparable rating report or audit
- For basic energy and/or water efficiency improvements with an aggregate cost less than
  or equal to \$6,500, an energy report is not required.

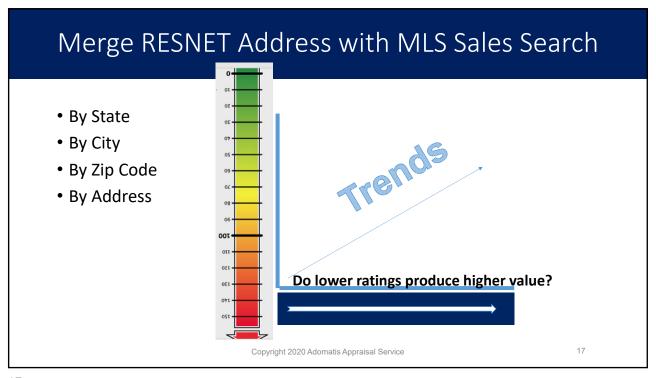
 $\underline{\text{https://sf.freddiemac.com/working-with-us/origination-underwriting/mortgage-products/greenchoice-mortgages}$ 

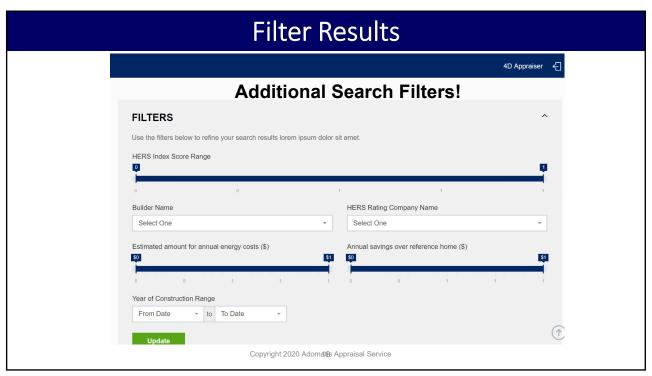
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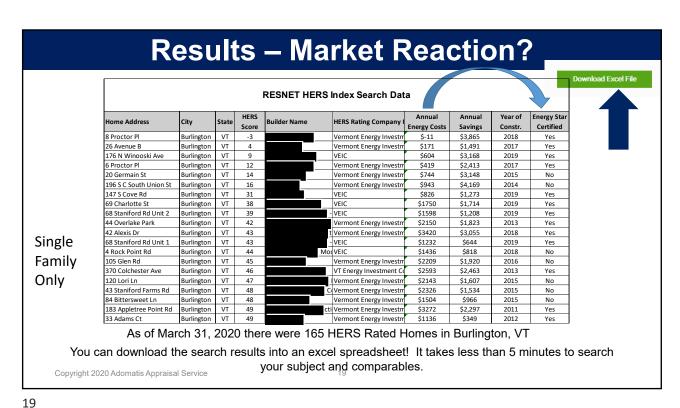
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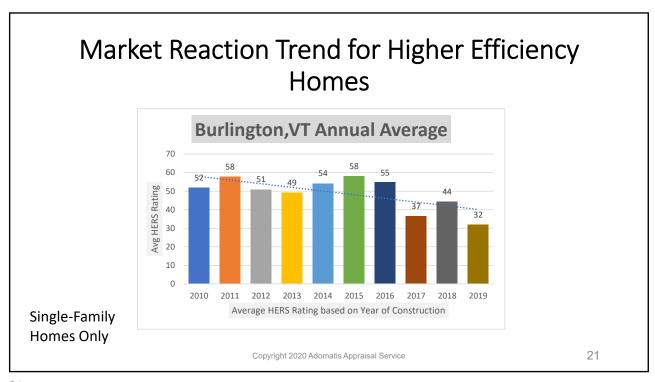
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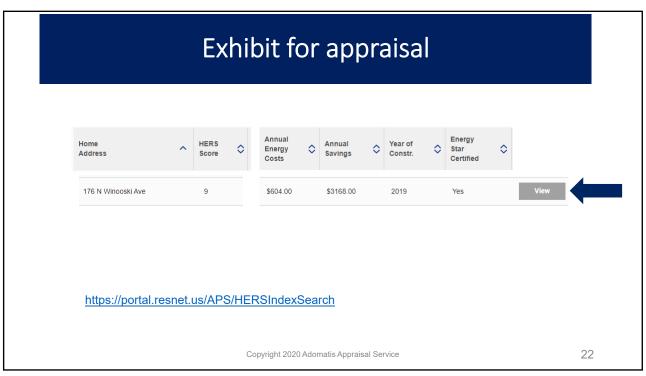
#### Now I have addresses to research

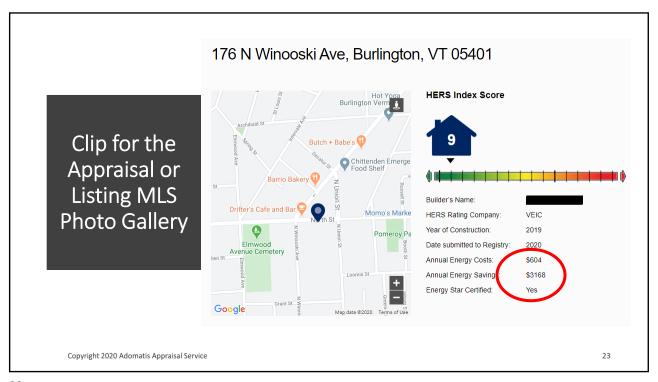
The HERS addresses give appraisers a place to start the sales search for not only comparable data but for...

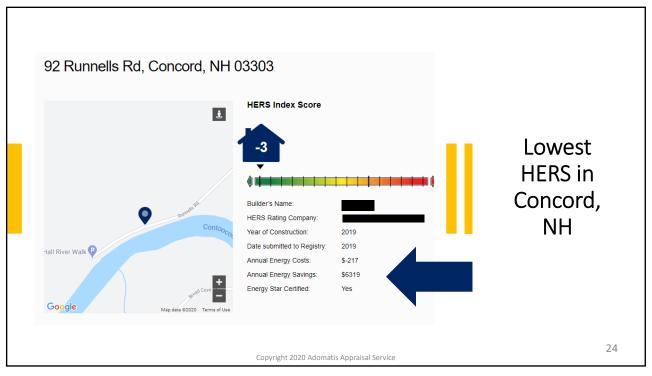
Paired-data analysis.
Pairing sales with differing
HERS Ratings may provide
direct market support for
the value of the energy
efficient features.

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Vermont ENERGY STAR® Certified Homes by Address

<b>ENERGY STAR® Certified Homes</b>		
Vermont		
Year		
Constructed	Count	
2010	1	
2011	10	
2012	2	
2013	2	
2015	57	
2017	3	
2018	6	
2019	5	
Total	86	

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Count of Zero Energy Ready Home® (ZERH) Certified Homes as of 4/2020

	Vermont	New Hampshire
ZERH®	78	61
ENERGY STAR®	9,024	8,054

Source: RESNET Portal for ES Sam Rashkin for ZERH

https://www.energystar.gov/index.cfm?fuseaction=new\_homes\_partners.showStateResults&s\_code=NH\_

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## Brands Requiring a HERS Rating

- ENERGY STAR®
- ZERH®
- Zero Energy Home (ZEH)
- LEED®
- National Green Building Standard (NGBS)

Always check the RESNET database to verify the HERS Rating. If no rating is shown, chances are the house is not a verifiable labeled brand.

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If the typical homeownership in VT is 12 Years & you save \$1,600 Yr = \$19,200 total savings over the ownership period.

Vermont Annual Savings Amount		
Avg.		
Year of	Annual	
Construction	Savings	
2010	\$2,403	
2011	\$798	
2012	\$1,519	
2013	\$383	
2014	\$912	
2015	\$658	
2016	\$1,041	
2017	\$1,400	
2018	\$1,575	
2019	\$1,601	

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### What's the Present Value of \$1,600 Yr Savings?

Key Stroke	Input	Result
12 n	12 years (Ownership)	
5 i	5% Discount Rate	
\$1,600 PMT	Annual Savings (HERS)	-
PV	Present Value	\$14,180 rounded

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### What is the return on the investment?

- Cost over the local building code to achieve the rating \$18,000
- Annual savings amount based on HERS Rating \$ 1,600

\$1,600/\$18,000= 9% annual return on the additional money spent.

This type of calculation requires the cost over code requirements and should be available on new construction. Ask your builder for the cost new over code. A true high-performance house will exceed code.

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What else should be analyzed besides the savings amount?



- Marketing
- Will the house sell for more on a resale?
- Will it sell quicker?

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# Marketing – Does it meet market value definition?

- Review the marketing of the home MLS or other
- Is the energy efficiency visible in marketing?
  - If not, why not? Does agent feel energy efficiency is not valuable?

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## Case Study

Sales Comparison Approach				
	Subject	Sale 1	Sale 2	Sale 3
Sale Date	5/2020	3/2020	2/2020	11/2019
Year Built	New-2020	26 yrs-1994	9-2011	39-1981
Living Area	950 SF	1050 SF	1100 SF	925 SF
Energy Eff.	HERS 43 \$1011 Savings Annually	None	None	None

Do these sales compete for the same buyer?

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## Scope of Work

- Expand the scope of work when appraising homes with high performance features.
- Verify the HERS ratings shown in the MLS Trust but Verify
- Address what documents you did or did not see

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#### Learn more about how to implement green into appraisals & marketing



# A Guide to the Residential Green and Energy Efficient Addendum

By Sandra K. Adomatis, SRA, LEED Green Associate, NAR GREEN May 2018

Reviewed by Ben Hoen of Lawrence Berkeley National Laboratory

https://www.appraisalinstitute.org/appraisal-institute-releases-guide-to-residential-green-addendum/

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# Guide Addresses Appraiser, Listing, & Lender Relevance for each section.

- Where does it go on the 1004?
- Why is it important?
- How can it be used in marketing?
- How can lender use in underwriting?

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#### **Appraiser Education Opportunities**

#### Valuation of Sustainable Buildings

Title	Hours	State Approval
Introduction to Green Buildings	8	State Approval
Case Studies in Appraising Green Residential Buildings	8	State Approval
Residential and Commercial Valuation of Solar	15	State Approval
Case Studies in Appraising Green Commercial Buildings	15	State Approval
Practical Applications in Appraising Green Commercial Properties	15	State Approval

#### **FAQs**

<u>Program Registry – Residential</u> <u>Program Registry – Commercial</u> https://www.appraisalinstitute.org/education/your-career/professional-development-programs/#Valuation%20of%20Sustainable%20Buildings

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## For Further Information...

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Setting the Standards for Copyright 20/10 mm Energy Efficie Geyvice

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