



ZERO

ENERGY READY HOME

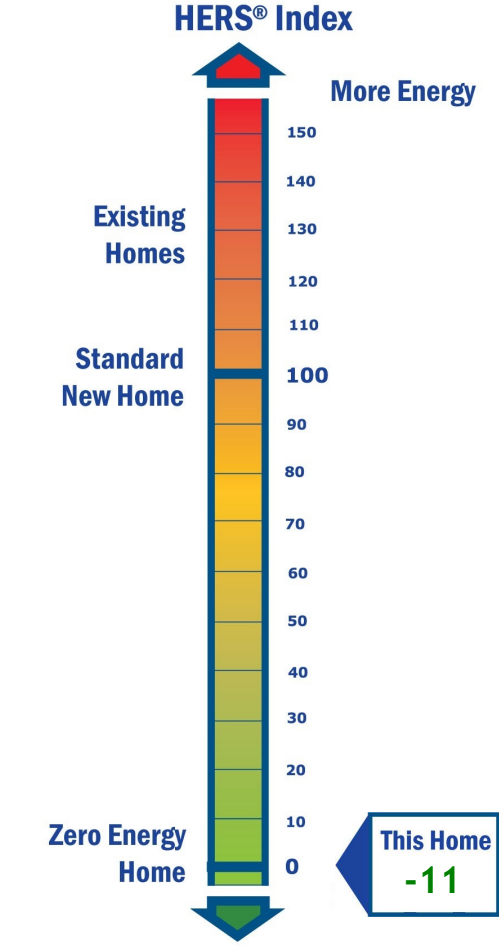
YOUR HOME WAS DESIGNED, ENGINEERED,
AND CONSTRUCTED IN CONFORMANCE TO
U.S. DEPARTMENT OF ENERGY (DOE)
GUIDELINES FOR EXTRAORDINARY
LEVELS OF EXCELLENCE AND QUALITY.

This home built at 6689 Asher Ct
By Vitaliy Kovalenko
Verified by Whit Collins

an independent professional organization, to meet or exceed strict home performance guidelines set by The U.S. Department of Energy on 8/21/2024

THIS HOME MEETS OR EXCEEDS THE MINIMUM CRITERIA FOR THE FOLLOWING:

REM/Rate - Residential Energy Analysis and Rating Software v16.0.6



SAM RASHKIN, CHIEF ARCHITECT
BUILDING TECHNOLOGIES
U.S. DEPARTMENT OF ENERGY

DOE Zero Energy Ready Home

Energy Performance	
House Type	DOE Zero Energy Ready Home Builder Partner ID#
Single-family detached	1825
Year built	Square footage of Conditioned Space including Basement
2022	7473.0
Number of Bedrooms	Square footage of Conditioned Space without Basement
5	7473.0
Site address (if not available, list the site Lot #)	Registered Builder
6689 Asher Ct	Vitaliy Kovalenko
Niwot	Certified Rater
CO, 80503	Whit Collins
HERS Index without On-site Generation	Date of Rating
47	2022-06-28
HERS Index with On-site Generation	Rating Software
-11	REM/Rate - v16.0.6
HERS Index of the Target Home using size adjustment factor	Estimated annual energy costs(\$)
50	-679
Estimated annual energy use	Estimated annual energy savings
Electric: -12749 kWh \ Natural Gas: 775 CCF	Electric: 43177 kWh \ Natural gas: 1183 CCF
Energy cost rates	Estimated annual emissions reductions
Electric: 0.14 \$/kWh \ Natural Gas: 1.12 \$/CCF	CO2: 43.3 tons / SO2: 82.3 lbs / NOx: 123.8 lbs

DOE Zero Energy Ready Home Certification

As the certified Rater for this house, I certify this house meets/complies with all mandatory requirements of the DOE Zero Energy Ready home guidelines, including the following:

X	Compliance with all ENERGY STAR Qualified Homes Version 3 requirements and checklists
X	Compliance with Mandatory Fenestration Requirements
X	Compliance with Mandatory Insulation Requirements
X	Compliance with Mandatory Duct Location Requirements
X	Compliance with Mandatory Appliance Requirements
X	Compliance with Mandatory Lighting Requirements
X	Compliance with Mandatory Fan Efficiency Requirements
X	Compliance with Mandatory EPA Indoor airPLUS
X	Compliance with Mandatory Water Efficiency Requirements
X	Compliance with Mandatory Renewable Energy Ready Solar Electric Requirements
	This home was qualified via sampling in lieu of testing, in accordance with allowable sampling provisions as stated in the DOE Zero Energy Ready Home National Program Requirements

Optional Compliance for Builder Recognition

I further certify that the following also apply to this house:

YES	NO	DON'T KNOW	Optional Home Builder Commitments for Recognition
	X		Certified under the EPA WaterSense for New Homes Program

*Certification under the DOE Zero Energy Ready Home permits limited exceptions to full compliance with Indoor airPLUS. Builders seeking the Indoor airPLUS label must achieve full compliance with the Indoor airPLUS Verification Checklist.

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This information does not constitute any warranty of energy costs or savings.

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DOE Zero Energy Ready Home

Optional Compliance for Builder Recognition

I further certify that the following also apply to this house:

YES	NO	DON'T KNOW	Optional Home Builder Commitments for Recognition
	X		Certified under the IBHS Fortified for Safer Living Program
	X		Followed the DOE Zero Energy Ready Home Quality Management Guidelines
	X		The buyer of this home signed a waiver giving DOE Zero Energy Ready Home access to utility bill data for one year

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