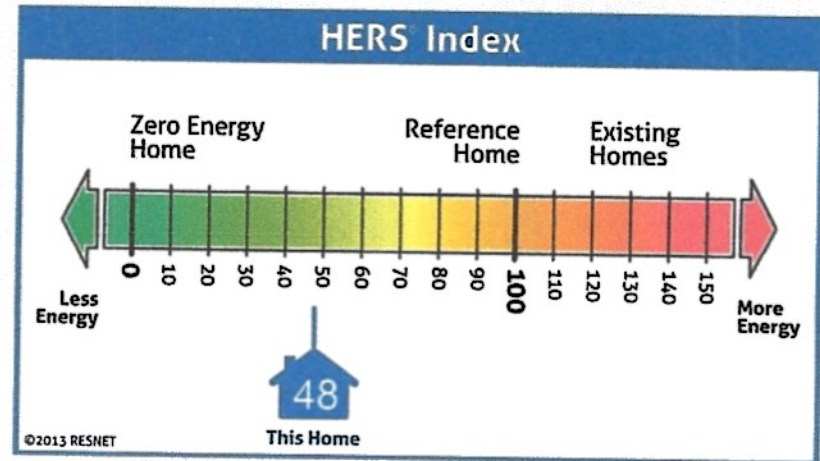




ENERGY STAR® CERTIFIED

NEW CONSTRUCTION

Builder/Developer: Best Custom Homes
Permit Date/Number:
Home/Unit Address: 11893 Pine St
Trempealeau, WI 54661
Rating Company: EnergyElements LLC
Rater ID Number: 6378164
Rating Date: 2026-03-09
Oversight By: RESNET
Program/Version Number: v3.1 (Rev 13)



This value is not intended to be used for code compliance.

Standard Features of ENERGY STAR Certified New Homes and Apartments

Your ENERGY STAR certified new home or apartment 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: 636 CFM50

Primary Insulation Levels:

Ceiling: R-50.0 **Floor:**
Wall: R-21.0 **Slab:** R-0.0, R-0.0

Primary Window Efficiency:

U-Value: 0.250 **SHGC:** 0.300



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 or building.

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

Management of moisture levels in building materials during construction.



Heating, Cooling, and Ventilation System

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

Total Duct Leakage: 204.00 CFM25 **Duct Leakage to Outdoors:** 41.00 CFM25

Primary Heating (System Type • Fuel Type • Efficiency):
Fuel-fired air distribution, Natural gas, 97.0 AFUE.

Primary Cooling (System Type • Fuel Type • Efficiency):
Air conditioner, Electric, 13.0 SEER.

Whole-House Ventilation Type (System Type):
Exhaust-only



Energy Efficient Lighting and Appliances

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

Energy Efficient Lighting: 100%

ENERGY STAR Certified Appliances and Fans:

Refrigerators: 1 **Dishwashers:** 0
Ceiling Fans: 3 **Exhaust Fans:** 2

Primary Water Heater (System Type • Fuel Type • Efficiency):
Conventional, Natural gas, 0.69 EF, 40.0 Gal.



About this certificate

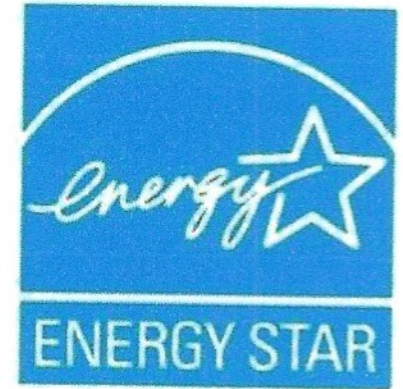
The certificate provides a summary of the major energy efficiency and other construction features that contribute to this home or apartment earning the ENERGY STAR, as determined through independent inspection and verification performed by a trained professional. The Energy Rating Index or HERS index for this home, if reported, is calculated in accordance with ANSI/RESNET/ICC Standard 301, with any exceptions

approved by EPA. Because the version of Standard 301 used to calculate this index may not align with the version referenced by code, this value is not intended to be used to demonstrate compliance with code. Note that when a home or apartment contains multiple performance levels for a particular feature (e.g., window efficiency or insulation levels), the predominant value is shown. Also, homes and apartments may be certified

to earn the ENERGY STAR using a sampling protocol, whereby one home or apartment is randomly selected from a set for representative inspections and testing. In such cases, the features found in each home or apartment within the set are intended to meet or exceed the values presented on this certificate. The actual values for your home or apartment may differ, but offer equivalent or better performance.

This certificate was printed using REM/Rate 2023.
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ENERGY STAR v3.1 Home Report



Property
Fannie Mae
11893 Pine St
Trempealeau, WI 54661

Organization
EnergyElements LLC
608-386-7454
Kevin Conroy

ERI
Confirmed
2026-03-09
Rating No:253-0436
Rater ID:6378164

Weather:La Crosse, WI
253-0436
253-0436 Final.blg

Builder
Best Custom Homes

Normalized, Modified End-Use Loads (MMBtu/yr)

	ENERGY STAR	As Designed
Heating	26.5	30.3
Cooling	5.9	4.0
Water Heating	10.0	6.2
Lights and Appliances	22.6	21.1
Total	65.0	61.6

ENERGY STAR ERI Index Target 51 48 ERI Index w/o PV
48 ERI Index

ERI Index w/o PV <= ES ERI Index Target to comply.

ENERGY STAR v3.1 (Rev 13) Mandatory Requirements

X	Duct leakage at post construction better than or equal to ENERGY STAR v3/3.1 requirements.
X	Envelope insulation levels meet or exceed ENERGY STAR v3/3.1 requirements.
X	Slab on Grade Insulation must be > R-5, and at IECC 2009 Depth for Climate Zones 4 and above.
X	Envelope insulation achieves RESNET Grade I installation, or Grade II with insulated sheathing.
X	Windows meet the 2009 IECC Requirements - Table 402.1.1.
X	Duct insulation meets the EPA minimum requirements of R-6.
X	Mechanical ventilation system has been measured in the home.
X	ENERGY STAR Checklists fully verified and complete.



This home **MEETS** or **EXCEEDS** the energy efficiency requirements
for designation as an EPA ENERGY STAR Version 3.1 Single-Family New Home (Rev 13).

Pollution Prevented

Type of Emissions	Reduction
Carbon Dioxide (CO2) - tons/yr	7.8
Sulfur Dioxide (SO2) - lbs/yr	16.5
Nitrogen Oxides (NOx) - lbs/yr	12.3

Energy Cost Savings

	\$/yr
Heating	163
Cooling	131
Water Heating	8
Lights & Appliances	499
Total	800

The energy savings and pollution prevented are calculated by comparing the Rated Home to the Reference Home as defined in the Mortgage Industry National Home Energy Rating Systems Standards as promulgated by the Residential Energy Services Network (RESNET). In accordance with these guidelines, building inputs affecting setpoints, infiltration rates, window shading and the existence of mechanical systems may have been changed prior to calculating loads.

REM/Rate 2023 - Residential Energy Analysis Tool

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

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ENERGY STAR v3.1 Home Verification Summary

Property
Fannie Mae
11893 Pine St
Trempealeau, WI 54661

Organization
EnergyElements LLC
608-386-7454
Kevin Conroy

HERS
Confirmed
2026-03-09
Rating No:253-0436
Rater ID:6378164

Weather:La Crosse, WI
253-0436
253-0436 Final.blg

Builder
Best Custom Homes

Building Information

Conditioned Area (sq ft)	3022
Conditioned Volume (cubic ft)	28080
Insulated Shell Area (sq ft)	6603
Number of Bedrooms	3
Housing Type	Single-family detached
Foundation Type	Conditioned basement

Rating

ENERGY STAR ERI Index Target	51
ERI Index w/o PV	48
ERI Index	48

ERI Index w/o PV <= ES ERI Index Target to comply.



This home MEETS or EXCEEDS the energy efficiency requirements for designation as an EPA ENERGY STAR Version 3.1 Single-Family New Home (Rev 13).

Building Shell

Ceiling w/Attic	R50 Attic G1***** U=0.020	Window Type	NFRC .25/ .30****
Sealed Attic	None	Window	U-Value: 0.250, SHGC: 0.300
Vaulted Ceiling	R-50, Vaulted**** U=0.022	Window/Wall Ratio	0.08
Above Grade Walls	R21 G1 2x6-16***** U=0.060	Infiltration Type	Blower door
Found. Walls(Cond)	8-12"C R13 RO F**** R=13.0	Infiltration	636 CFM50
Found. Walls(Uncond)	None	Duct Leakage to Outside	41.00 CFM @ 25 Pascals
Floors	None	Total Duct Leakage	204.00 CFM @ 25 Pascals
Slab Floors	Uninsulated**** U=0.663		

Mechanical Systems

Heating	Fuel-fired air distribution, 58.0 kBtuh, 97.0 AFUE.
Cooling	Air conditioner, 24.0 kBtuh, 13.0 SEER.
Water Heating	Conventional, Gas, 0.69 EF.
Programmable Thermostat	Heat=Yes; Cool=Yes
Ventilation System	Exhaust Only: 68 cfm, 23.4 watts.

Lights and Appliances

Refrigerator (kWh/yr)	701.00	Clothes Dryer Fuel	Electric	Interior LED Lighting (%)	100.00
Dishwasher (kWh/yr)	240	Clothes Dryer CEF	3.73	Ceiling Fan (cfm/Watt)	0.00
Range/Oven Fuel	Electric	Clothes Washer LER	400.00		
		Clothes Washer Capacity	3.00		

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

REM/Rate 2023 - Residential Energy Analysis Tool

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Focus on Energy New Home Certification Report

File Number: 253-0436

Year Built: 2026

Certification Date: 03/09/2026

Builder File Number:

Property Address	Builder	Building Performance Consultant
11893 Pine St	Best Custom Homes	EnergyElements LLC
Trempealeau, WI 54661	490 Campfire Dr	Kevin Conroy
	West Salem, WI 54669	k.conroy.rep@gmail.com

General Building Information	
Area of conditioned space (sq ft)	3022
Finished floor area (sq ft)	3022
Volume (cu ft)	28080
Shell area (sq ft)	6603
Housing type	Single-family detached
Floors above grade	2
Number of bedrooms	3
Foundation type	Conditioned basement

Energy Efficiency Data				
	House	PV	Geo	Total
Est. summer peak reduction (kW)	0.27	0.00	0.00	0.27
Annual energy savings (kWh)	1044.31	0.00	0.00	1044.31
Annual energy savings (Therms)	294.00	0.00	0.00	294.00

Performance Data	
Percent more efficient than current code	32.85%
Estimated average monthly energy bill	\$118
MMBtu Savings	33
Whole House Ventilation	
Type	Exhaust Only
Recommended ventilation rate (CFM)	60
TESTED ventilation rate (CFM)	68
Air Tightness	
Infiltration - TESTED (CFM50)	636
ACH 50:	1.36
CFM50/sq ft shell:	0.10
Effective Leakage Area (ELA) (sq in):	35

Mechanical Systems					
	Type	Fuel Type	Efficiency	EAE Value	Capacity
Primary SPACE HEATING	Fuel-fired air distribution	Natural gas	97.0 AFUE	303	58.0 KBtuh
Secondary SPACE HEATING	N/A	N/A	N/A	N/A	N/A
Primary SPACE COOLING	Air conditioner	Electric	13.0 SEER	N/A	24.0 KBtuh
Secondary SPACE COOLING	N/A	N/A	N/A	N/A	N/A
	Type	Fuel Type	Efficiency	Recovery Eff	Gallons
Primary WATER HEATING	Conventional	Natural gas	0.69 EF	0.8	40
Secondary WATER HEATING	N/A	N/A	N/A	N/A	N/A

REM/Rate 2023 - Residential Energy Analysis Tool

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