

Action Report

Property

Jeff & Nicole Moll
635 Bluebird Circle
Poynette, WI 53955

Organization

EMF Home Consultants Inc
608-839-3440
Mark Fredenberg

HERS

Confirmed
2020-07-22
Rating No:58-1706
Rater ID:2879310

Weather:Madison, WI
058-1706 MOLL.blg

Builder

Ultimate Construction

The following table identifies and ranks energy use and cost by building component. A maximum of six components are shown. Current mechanical equipment is assumed for this analysis. To determine the impact of varying the equipment efficiency, change the equipment specified in the building file and perform the energy calculations again.

ANNUAL ENERGY PROFILE

Energy End-Use	Component	Consumption(MMBtu/yr)	Cost(\$/yr)
HEATING	Foundation Walls	18.5	124
	Above Grade Walls	16.7	112
	Windows/Skylights	14.0	94
	Infiltration	8.2	55
	Ceilings/Roofs	5.0	34
	Slab Floors	4.2	28
	Other	-12.8	-86
	Total	53.8	360
COOLING	Internal Gains	4.2	174
	Windows/Skylights	1.8	73
	Ceilings/Roofs	0.1	2
	Other	-3.3	-135
	Total	2.8	114
WATER HEATING	Water Heater	16.2	95
LIGHTS & APPLIANCES	Lights & Appliances	28.3	1048

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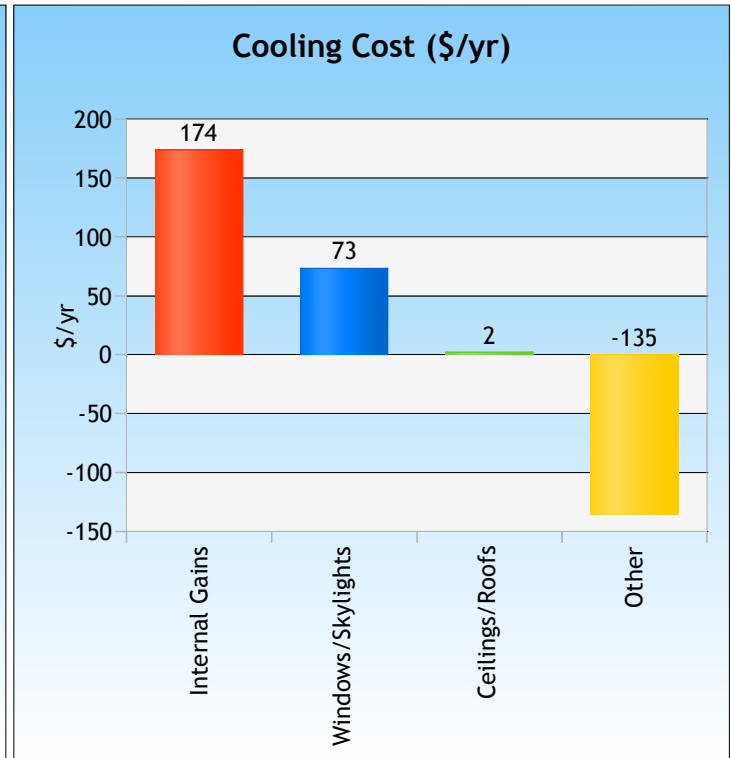
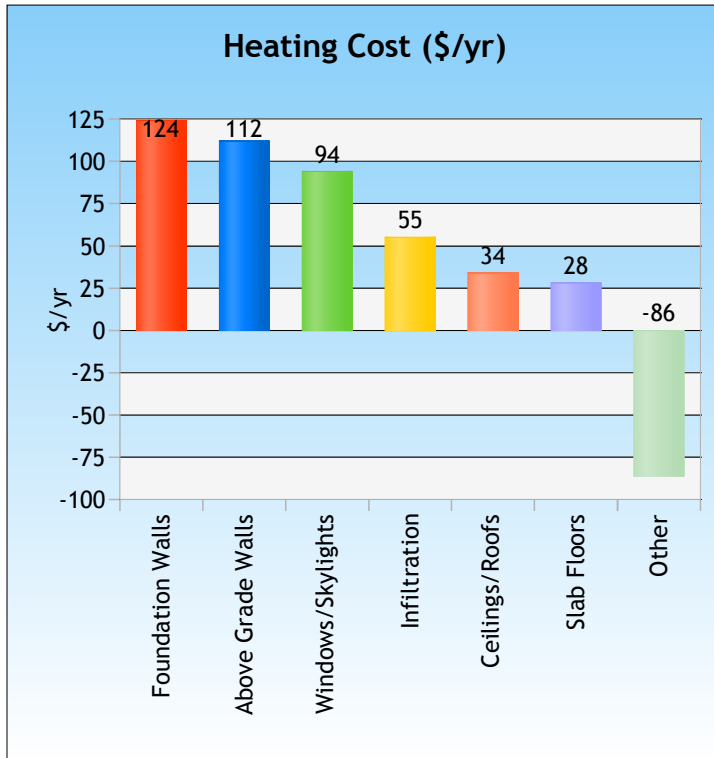
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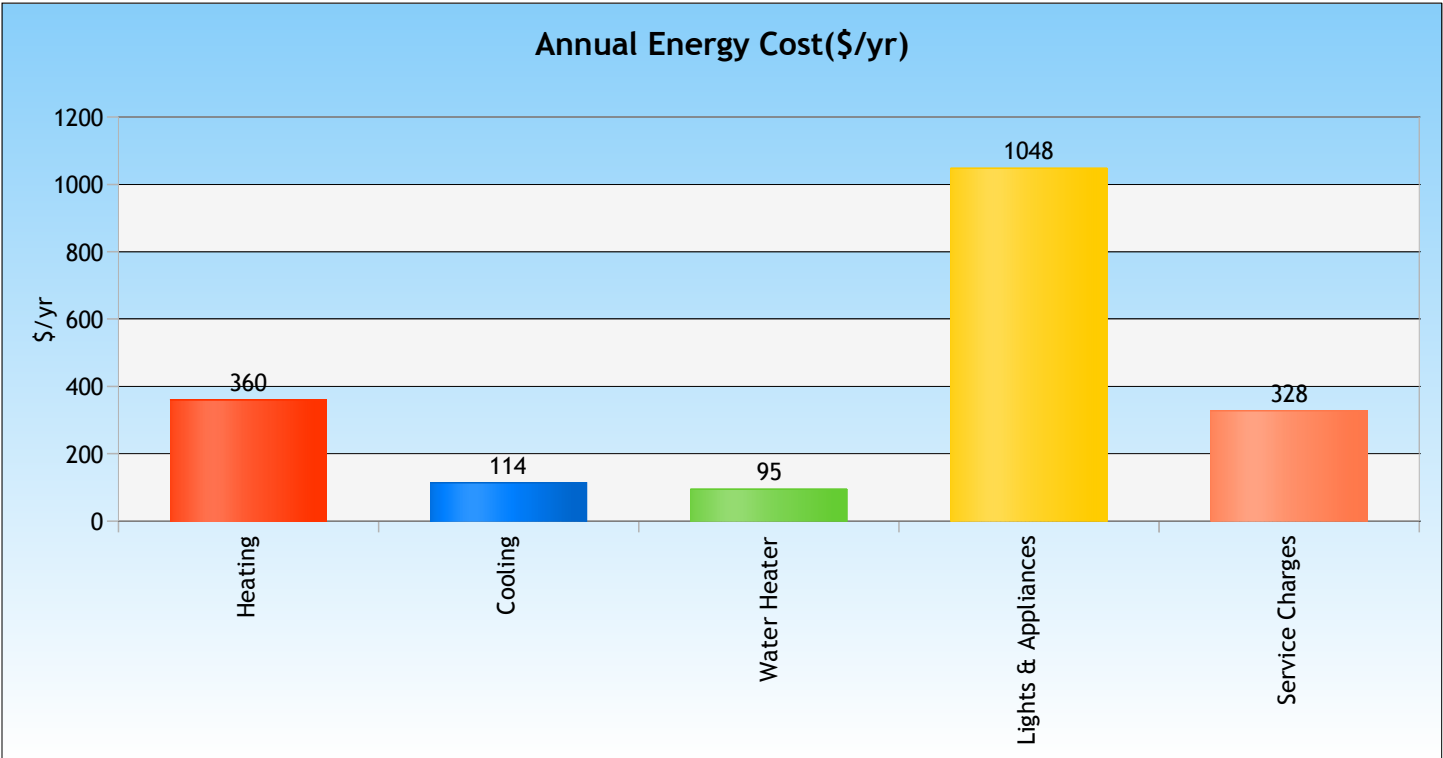
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Energy Cost and Features

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Annual Energy Costs	\$/yr
Heating	360
Cooling	114
Water Heating	95
Lights & Appliances	1048
Photovoltaics	-0
Service Charges	328
Total	1945
Average Monthly(\$/Month)	162

Energy Features

Ceiling w/Attic	R50 Attic 24"oc U=0.020
Sealed Attic	None
Vaulted Ceiling	None
Above Grade Wall	SIP R26 U=0.034
Foundation Walls (Cond)	8-12"C R11 R0 R=11.0
Foundation Walls (Uncond)	None
Doors	St 1.75" R7.5 U=0.119
Windows	NFRC .31 / .25 U=0.310
Floors	None
Slab Floors	Uninsulated U=0.365
Infiltration	Htg: 579 Clg: 579 CFM50
Infiltration Measure	Blower door
Mechanical Ventilation	Balanced: ERV, 130 cfm, 102.0 watts.
Interior Mass	None
Mechanical Equipment 1	Heating: Fuel-fired air distribution, 82.0 kBtuh, 95.0 AFUE.
Mechanical Equipment 2	Cooling: Air conditioner, 42.0 kBtuh, 13.0 SEER.
Mechanical Equipment 3	Water Heating: Conventional, Gas, 0.67 EF.
Programmable Thermostat	Heat=Yes; Cool=Yes
Ducts	UninsulatedConditioned basement
Duct Leakage to Outside	0.00 CFM @ 25 Pascals
Total Duct Leakage	0.00 CFM @ 25 Pascals
Lights/Appliances	Rating Tab

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

REM/Rate - Residential Energy Analysis and Rating Software v16.0.4 Wisconsin

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

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Energy Cost and Features

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Energy Features

Active Solar	None	
Photovoltaics	0.00	
Sunspace	No	

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FOCUS ON ENERGY NEW HOME CERTIFICATION PROGRAM

Certified Energy-Efficient Home

635 Bluebird Circle
Poynette, WI 53955

CERTIFIED ON 2020-07-22

Your New Home is Certified by Focus on Energy as
45.67% MORE ENERGY EFFICIENT
than what is currently required by Wisconsin state building code.

Builder File No:

Certification No: 58-1706

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RESNET Home Energy Rating Standard Disclosure

For home located at: 635 Bluebird Circle

City: Poynette

State: WI

1. ☒ The Rater or 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 mortgage for some portion of the financial 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:

HVAC Systems

Thermal Insulation Systems

Air sealing of envelope or duct systems

Windows or window shading systems

Energy efficient appliances

Construction (builder, developer, construction contractor, etc.)

Other (specify below):

Installed in this home by:		OR	is in the business of:	
<input type="checkbox"/> Rater	<input type="checkbox"/> Employer		<input type="checkbox"/> Rater	<input type="checkbox"/> Employer
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5. ☐ 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).

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

Mark Fredenberg

Rater's Printed Name

2879310

Certification #

Rater's Signature

August 26, 2020

Date

RESNET Form 0300-2

REM/Rate - Residential Energy Analysis and Rating Software v16.0.4 Wisconsin

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