

Home Energy Rating Certificate

Property

5116 Meadow Height Dr
First Choice Custom Homes LLC
5116 Meadow Height Dr
Shawnee, KS 66226

HERS

Rating Type: Confirmed
Rating Date: 2-13-2015
Registry ID: 627940153

Certified Energy Rater: Joshua Peterson
Rating Number: 08139010100

HERS Index: 70

Efficient Home Comparison: 30% Better

General Information

Conditioned Area	4536 sq. ft.	House Type	Single-family detached
Conditioned Volume	45051 cubic ft.	Foundation	More than one type
Bedrooms	4		

Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 92.1 AFUE.
Cooling:	Air conditioner, Electric, 13.0 SEER.
Water Heating:	Conventional, Electric, 0.90 EF, 50.0 Gal.
Duct Leakage to Outside	0.00 CFM25.
Ventilation System	None
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-48.0	Slab	R-0.0 Edge, R-0.0 Under
Sealed Attic	NA	Exposed Floor	R-30.0
Vaulted Ceiling	R-38.0	Window Type	U-Value: 0.300, SHGC: 0.270
Above Grade Walls	R-13.0	Infiltration Rate	Htg: 2845 Clg: 2845 CFM50
Foundation Walls	R-0.0	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	0.00	Range/Oven Fuel	Natural gas
Percent Garage Lighting	0.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	637	Clothes Dryer EF	3.01
Dishwasher (kWh/yr)	260	Ceiling Fan (cfm/Watt)	70.40

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	62.9	\$212	8%
Cooling	17.3	\$213	9%
Hot Water	14.2	\$480	19%
Lights/Appliances	43.4	\$1283	51%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$309	12%
Total	137.8	\$2497	100%

Criteria

This home meets or exceeds the minimum criteria for the following:
City of Shawnee Kansas*

* Compliance is determined by the rater.

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Certified Energy Rater:



REM/Rate - Residential Energy Analysis and Rating Software v14.6

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