



ENERGY STAR HOME REPORT

Date: August 08, 2007 Rating No.: Simulated Performance Analysis
Building Name: Skyview Homes Rating Org.: EnergyLogic, Inc.
Owner's Name: Skyview Homes Phone No.: 970.532.3220 1.800.315.0459
Property: Big Horn Duplex Rater's Name: Peter Oberhammer
Address: New Castle, CO 81647 Rater's No.: 023
Builder's Name: Skyview Homes
Weather Site: Ft. Collins, CO Rating Type: Based On Plans
File Name: Big Horn.blg Rating Date: 08/08/07

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

Table with 3 columns: Category, ENERGY STAR, As Designed. Rows include Heating, Cooling, Water heating, Lighting & Appliances, Total, and HERS Index.

ENERGY STAR Mandatory Requirements

Form with checkboxes for Thermal Bypass Inspection Checklist, Ductwork Requirements, ENERGY STAR Products, and ENERGY STAR Scoring Exceptions.

\* Thermal Bypass Checklist and ENERGY STAR Products are not checked in REM/Rate at this time.

This home MEETS OR EXCEEDS the energy efficiency requirements for designation as an EPA ENERGY STAR Qualified Home.

Table with 2 main sections: Pollution Prevented and Energy Cost Savings (\$/year). Rows include Carbon Dioxide, Sulfur Dioxide, Nitrogen Oxides, Heating, Cooling, Water Heating, Lights & Appliances, and Total.

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).

REM/Rate - Residential Energy Analysis and Rating Software v12.42

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# Home Energy Rating Certificate

Skyview Homes

Big Horn Duplex

New Castle, CO 81647



**5 Stars Plus  
Based On Plans**

## Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70-0

## Energy Efficient

**HERS Index: 68**

### General Information

Conditioned Area:	2175 sq. ft.	HouseType:	Single-family detached
Conditioned Volume:	22455 cubic ft.	Foundation:	Conditioned crawl space
Bedrooms:	3		

### Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 93.0 AFUE.		
Water Heating:	Conventional, Natural gas, 0.58 EF.		
Duct Leakage to Outside:	120.00 CFM.		
Ventilation System:	Exhaust Only: 70 cfm, 13.0 watts.		
Programmable Thermostat:	Heating: Yes	Cooling: Yes	

### Building Shell Features

Ceiling Flat:	R-38	Exposed Floor:	R-19
Vaulted Ceiling:	NA	Window Type:	Low E .35 /.35
Above Grade Walls:	R-25, R-18	<b>Infiltration:</b>	
Foundation Walls:	R-11.0	Rate:	Htg: 0.10 Clg: 0.10 ACHnat
Slab:	R-0.0 Edge, R-0.0 Under	Method:	Tracer gas test

### Lights and Appliance Features

Percent Fluorescent Pin-Based:	10.00	Clothes Dryer Fuel:	Electric
Percent Fluorescent CFL:	0.00	Range/Oven Fuel:	Electric
Refrigerator (kWh/yr):	775.00	Ceiling Fan (cfm/Watt):	0.00
Dishwasher Energy Factor:	0.46		

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

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**Rating Number: Simulated Performance Analysis**

Certified Energy Rater: Peter Oberhammer

Rating Date: 08/08/07

Rating Ordered For: Skyview Homes

### Estimated Annual Energy Cost

Based On Plans

Use	MMBtu	Cost	Percent
Heating	36.3	\$301	24%
Cooling	0	\$0	0%
Hot Water	21.0	\$167	14%
Lights/Appliances	27.2	\$566	46%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$196	16%
<b>Total</b>		<b>\$1231</b>	<b>100%</b>

**This home meets or exceeds the minimum criteria for all of the following:**

EPA Energy Star Home

ASHRAE Standard 90.2 - 1992

2003 International Energy Conservation Code

2004 International Energy Conservation Code

2006 International Energy Conservation Code

Meets Ft Collins requirement of a 94 or lower.\*

\* Compliance with criteria for this program is determined by the rater.

### Home Energy Rating Provider

**EnergyLogic, Inc**

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www.nrglogic.com



Certified Energy Rater