ENERGY STAR HOME REPORT

Date:	February 04, 2009	Rating No.:	02042009713
Building Name:	713 Young Ave NW	Rating Org.:	Affordable Energy
Owner's Name:	Habitat for Humanity	Phone No.:	330-351-2584
Property:	713 Young Ave NW	Rater's Name:	Marshall Jennings
Address:	Canton, OH 44704	Rater's No.:	2007-3
Builder's Name:	Habitat for Humanity		
Weather Site:	Akron, OH	Rating Type:	Site Visit
File Name:	713 Young Ave NW-Habitat.blg	Rating Date:	09-26-2008

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

	ENERGY STAR	*As Designed*
Heating:	37.0	29.4
Cooling:	11.8	6.2
Water heating:	10.2	11.7
Lighting & Appliances:	23.2	27.3
Total:	82.2	74.6
HERS Index:	**85**	**77**

ENERGY STAR Mandatory Requirements

X	Thermal Bypass Inspection Checklist *	X	ENERGY STAR Products *
X	Ductwork Requirements	X	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.

Pollution Prevented

Type of Emissions	*Reduction (lb/year)*
Carbon Dioxide (CO2)	3795.7
Sulfur Dioxide (SO2)	13.2
Nitrogen Oxides (NOx)	6.0

Energy Cost Savings ($/year)

Heating:	$233
Cooling:	$99
Water Heating:	$14
Lights & Appliances:	$-0
Total:	$347

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 - Residential Energy Analysis and Rating Software v12.61

This information does not constitute any warranty of energy cost or savings.
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Home Energy Rating Certificate

713 Young Ave NW

Canton, OH 44704

5 Stars
Site Visit

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 or Less

Energy Efficient

HERS Index: **77** **Efficient Home Comparison:** **23% Better**

General Information

Conditioned Area:	2224 sq. ft.	HouseType:	Single-family detached
Conditioned Volume:	17792 cubic ft.	Foundation:	Conditioned basement
Bedrooms:	3		

Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 92.5 AFUE.
Water Heating:	Conventional, Electric, 0.95 EF, 40.0 Gal.
Duct Leakage to Outside:	6.37 CFM.
Ventilation System:	None
Programmable Thermostat:	Heating: No Cooling: No

Building Shell Features

Ceiling Flat:	R-30	Exposed Floor:	NA
Vaulted Ceiling:	NA	Window Type:	DB/LE/AR 47 60 Wood*
Above Grade Walls:	R-13	**Infiltration:**	
Foundation Walls:	R-12.3	Rate:	Htg: 976 Clg: 976 CFM50
Slab:	R-0.0 Edge, R-0.0 Under	Method:	Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based:	10.00	Clothes Dryer Fuel:	Natural gas
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:	**02042009713**
Certified Energy Rater:	Marshall Jennings
Rating Date:	09-26-2008
Rating Ordered For:	Habitat for Humanity

Estimated Annual Energy Cost

Site Visit

Use	MMBtu	Cost	Percent
Heating	51.0	$637	30%
Cooling	0	$0	0%
Hot Water	12.6	$481	23%
Lights/Appliances	27.3	$923	44%
Photovoltaics	-0.0	$-0	-0%
Service Charges		$68	3%
Total		**$2109**	**100%**

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

EPA Energy Star Home

2006 International Energy Conservation Code

Cornerstone Energy Conservation
1320 McKinley Ave, Suite B
Columbus, OH 43222
Phone# 614-351-1439
Fax # 614-351-6650
Web: www.ibpcolumbus.com