



ENERGY STAR HOME REPORT

Date:	March 24, 2010	Rating No.:	
Building Name:	Bryant Residence	Rating Org.:	Southern Energy Management
Owner's Name:	Bryant Residence	Phone No.:	919-836-0330
Property:	5039 Duchy Drive	Rater's Name:	Scott Hoover
Address:	Mebane, NC 27302	Rater's No.:	08R1
Builder's Name:	Chandler Design Build Inc.	Rating Type:	Site Visit
Weather Site:	Greensboro, NC	Rating Date:	6/28/09
File Name:	Chandler Design Build Inc-Bryant Residence-5039		

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

	<i>ENERGY STAR</i>	<i>As Designed</i>
Heating:	33.8	6.5
Cooling:	25.3	15.2
Water heating:	9.1	2.3
Lighting & Appliances:	25.9	28.7
Total:	94.2	52.7
HERS Index:	85	48

ENERGY STAR Mandatory Requirements

<input checked="" type="checkbox"/> Thermal Bypass Inspection Checklist *	<input checked="" type="checkbox"/> ENERGY STAR Products *
<input checked="" type="checkbox"/> Ductwork Requirements	<input checked="" type="checkbox"/> 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		Energy Cost Savings (\$/year)
<i>Type of Emissions</i>	<i>Reduction</i>	Heating:
Carbon Dioxide (CO2) - tons/yr	4.7	\$1
Sulfur Dioxide (SO2) - lbs/yr	16.1	Cooling:
Nitrogen Oxides (NOx) - lbs/yr	12.3	\$109
		Water Heating:
		\$0
		Lights & Appliances:
		\$37
		Total:
		\$147

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 v12.71

This information does not constitute any warranty of energy cost or savings.
© 1985-2009 Architectural Energy Corporation, Boulder, Colorado.