



ENERGY STAR HOME REPORT

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|-----------------|---|---------------|----------------------------|
| 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: \$1 |
| Carbon Dioxide (CO2) - tons/yr | 4.7 | Cooling: \$109 |
| Sulfur Dioxide (SO2) - lbs/yr | 16.1 | Water Heating: \$0 |
| Nitrogen Oxides (NOx) - lbs/yr | 12.3 | 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.
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