



ZERO

ENERGY READY HOME

YOUR HOME WAS DESIGNED, ENGINEERED,
AND CONSTRUCTED IN CONFORMANCE TO
U.S. DEPARTMENT OF ENERGY (DOE)
GUIDELINES FOR EXTRAORDINARY
LEVELS OF EXCELLENCE AND QUALITY.

This home built at 55 Hickory Drive
By Glastonbury Housesmith
Verified by Karla Donnelly

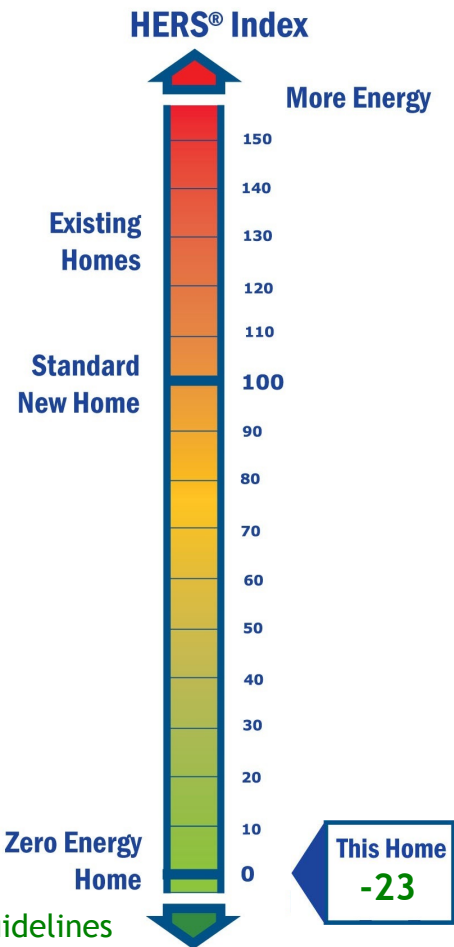
an independent professional organization, to meet or exceed strict home performance guidelines set by The U.S. Department of Energy on 4/23/2015

THIS HOME MEETS OR EXCEEDS THE MINIMUM CRITERIA FOR THE FOLLOWING:

DOE Zero Energy Ready Home Quality Management Guidelines

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

SAM RASHKIN, CHIEF ARCHITECT
BUILDING TECHNOLOGIES
U.S. DEPARTMENT OF ENERGY



DOE Zero Energy Ready Home

| Energy Performance | |
|--|--|
| House Type | DOE Zero Energy Ready Home Builder Partner ID# |
| Single-family detached | 822 |
| Year built | Square footage of Conditioned Space including Basement |
| 2014 | 4288.0 |
| Number of Bedrooms | Square footage of Conditioned Space without Basement |
| 4 | 3442.0 |
| Site address (if not available, list the site Lot #) | Registered Builder |
| 55 Hickory Drive | Glastonbury Housesmith |
| South Glastonbury | Certified Rater |
| CT, 06073 | Karla Donnelly |
| HERS Index without On-site Generation | Date of Rating |
| 30 | 4/20/2015 |
| HERS Index with On-site Generation | Rating Software |
| -23 | REM/Rate - v14.5.1 |
| HERS Index of the Target Home using size adjustment factor | Estimated annual energy costs(\$) |
| 50 | -1810 |
| Estimated annual energy use | Estimated annual energy savings |
| Electric: -10047 kWh | Electric: 48507 kWh |
| Energy cost rates | Estimated annual emissions reductions |
| Electric: 0.18 \$/kWh | CO2: 14.0 tons / SO2: 18.2 lbs / NOx: 17.7 lbs |

DOE Zero Energy Ready Home Certification

As the certified Rater for this house, I certify this house meets/complies with all mandatory requirements of the DOE Zero Energy Ready home guidelines, including the following:

| | |
|---|---|
| X | Compliance with all ENERGY STAR Qualified Homes Version 3 requirements and checklists |
| X | Compliance with Mandatory Fenestration Requirements |
| X | Compliance with Mandatory Insulation Requirements |
| X | Compliance with Mandatory Duct Location Requirements |
| X | Compliance with Mandatory Appliance Requirements |
| X | Compliance with Mandatory Lighting Requirements |
| X | Compliance with Mandatory Fan Efficiency Requirements |
| X | Compliance with Mandatory EPA Indoor airPLUS |
| X | Compliance with Mandatory Renewable Energy Ready Solar Electric Requirements |
| X | Compliance with Mandatory Renewable Energy Ready Solar Hot Water Requirements |
| | This home was qualified via sampling in lieu of testing, in accordance with allowable sampling provisions as stated in the DOE Zero Energy Ready Home National Program Requirements |

Optional Compliance for Builder Recognition

I further certify that the following also apply to this house:

| YES | NO | DON'T KNOW | Optional Home Builder Commitments for Recognition |
|-----|----|------------|---|
| | | | |

*Certification under the DOE Zero Energy Ready Home permits limited exceptions to full compliance with Indoor airPLUS. Builders seeking the Indoor airPLUS label must achieve full compliance with the Indoor airPLUS Verification Checklist.

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

This information does not constitute any warranty of energy cost or savings.

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DOE Zero Energy Ready Home

Optional Compliance for Builder Recognition

I further certify that the following also apply to this house:

| YES | NO | DON'T KNOW | Optional Home Builder Commitments for Recognition |
|-----|----|------------|---|
| | X | | Certified under the EPA WaterSense for New Homes Program |
| | X | | Certified under the IBHS Fortified for Safer Living Program |
| X | | | Followed the DOE Zero Energy Ready Home Quality Management Guidelines |
| | X | | The buyer of this home signed a waiver giving DOE Zero Energy Ready Home access to utility bill data for one year |

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