

Energy Efficiency by Design

AT THE MYSTIC RIVER BUILDING COMPANY



"Building sustainable, energy-efficient homes is the best way to deliver real and lasting value to our customers. Our E-Save Homes are not only healthier and more comfortable, their low maintenance cost translates into big savings!"

- Andy Gil, Mystic River Building Company

The E-Save Home is based on the principal: "Reduce before you Produce". This means reducing the amount of energy required as much as possible by increasing insulation, incorporating appropriate energy efficient heating and cooling equipment, water saving plumbing fixtures and everything in between.

This E-Save Home is super insulated and will be heated and cooled without the use of fossil fuels. That's right . . . no fuel oil or gas . . . and guess what? It does not use geothermal.

This home was designed using a five step process to reduce energy consumption and increase efficiency. The home has earned a 5 Star Plus projected HERS rating of 48 which is 52% better than a home constructed to the current building code requirements.

"Home buyers expect a new home to be energy efficient," said Norton Wheeler, Graduate Master Builder and owner of the Mystic River Building Company. "We believe that it's our responsibility to have a sound understanding of building science, so that we can educate our clients on the differences between building

products and components. Our goal is to maximize the energy savings and performance of every home we build."

HIGHLIGHTS OF OUR E-SAVE HOME:

- 2,446 sq ft of living space
- 3 bedrooms, 2-1/2 baths
- A sunken living room with a wood burning fireplace
- Solid stained oak floors and stairs
- A spa-like master bath with ceramic tile floors and integrated soaking tub with oversized tiled shower.
- A stunning maple kitchen with sapphire blue granite countertops and Energy Star Certified appliances.
- The added living space of a large finished bonus room over the 2 car garage.
- Hot water produced by a super energy-efficient 80 gallon air source heat pump located in the insulated basement.
- A Heat Recovery Ventilation (HRV) system (has been installed) will insure a healthy exceptionally comfortable living environment.

Energy Star Certified under latest stringent Energy Star 3.0 Requirements:

The Mystic River E-Save Home far exceeds the state building code. It is certified under the Energy Star 3.0 standards, which many builders consider too rigorous to undertake. An Energy Star certified home warrants thru 3rd party testing that the home will have healthier indoor air quality, be more comfortable and durable. It guarantees savings on utility bills.

**The projected average monthly cost for heating, cooling and hot water for this home is less than \$100.00.*

For added energy saving value the home was strategically placed on the property to allow for the installation of a photovoltaic (PV) solar panel system. This PV system will produce most of the energy needed to provide lights, heating, cooling and hot water for the home further reducing the monthly operational cost.

But the best part is every home we build is an E-Save Home, so you know you are getting something special.

The Mystic River Building Company LLC is a design-build home builder located at 67 New London Turnpike (Rt-184) in Mystic. Contact them at 860-536-0102 or visit them on the web at www.mysticriverbuilding.com.

Visit the Mystic River E-Save Home on Saturday March 9th and Sunday March 10th 11AM - 3PM. The home is located at 83 Brown School Road in the beautiful town of Preston. Take Route 165 to the Preston Trading Post. Go North on Brown School Road just under a mile and the home will be on your left. Home plans and 8 additional lots are available.

A home energy rating involves an analysis of a home's construction plans and onsite inspections. Based on the home's plans, the Home Energy Rater uses an energy efficiency software package to perform an energy analysis of the home's design.