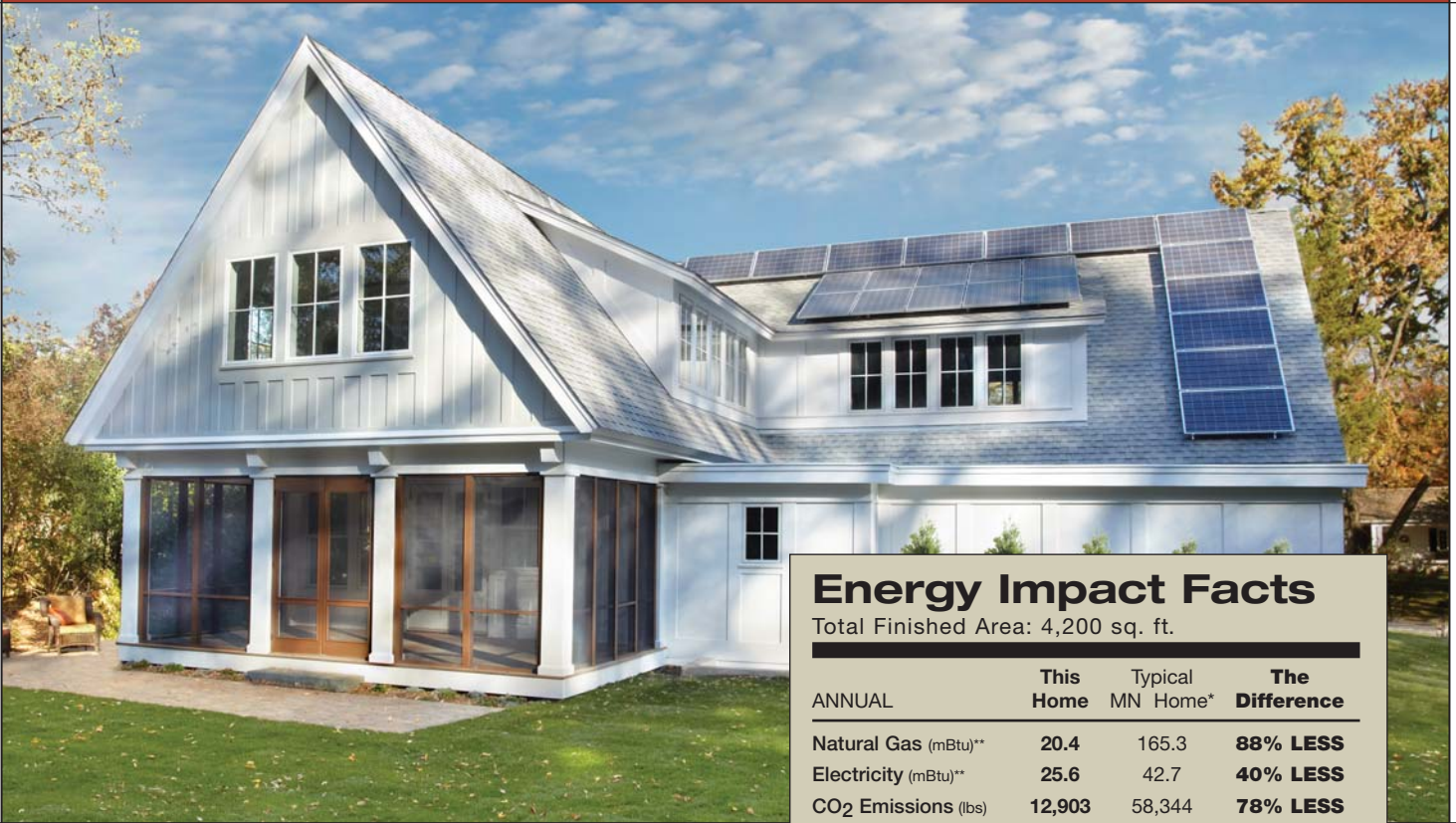


ENERGY CONSCIOUS FEATURES



Cutting-edge heating, cooling & electric mean almost no utility expenses!

- **SHARP® SOLAR PANELS**, deliberately placed on the home's south facing roof lines to hide the 22 solar collectors, generate over 50% of the home's electricity usage. There's room for an additional 20 "disguised" panels should the future owner wish to harvest nearly all their electricity from the sun! In the meantime, the windsorce program from Xcel Energy allows us to capture 100% from renewables. To learn more about Sharp® photovoltaics visit: www.sharp-solar.com.
- **SPRAY FOAM INSULATION** has double the R-value of fiberglass, perfectly seals the home and prevents moisture and sound intrusion. Visit: www.icynene.com to learn more.
- **SUPER EFFICIENT APPLIANCES & LED LIGHTING** significantly reduce the home's electrical needs. This home is third party certified under the federal Energy Star program. To learn more about the Energy Star program please visit: www.energystar.gov/index.cfm?c=new_homes.hm_index.

Energy Impact Facts

Total Finished Area: 4,200 sq. ft.

ANNUAL	This Home	Typical MN Home*	The Difference
Natural Gas (mBtu)**	20.4	165.3	88% LESS
Electricity (mBtu)**	25.6	42.7	40% LESS
CO ₂ Emissions (lbs)	12,903	58,344	78% LESS

Insulation (R-value)	This Home	Above State Minimum
Wall Assembly	R40	90%
Roof Assembly	R60	50%
Foundation Assembly	R24	58%
Windows	R3.4	220%

* Comparable to average Minnesota homes adjusted for Sq. Ft.
 ** Projected usage for heating, cooling, hot water, appliances and lighting

- **GEOTHERMAL** uses the earth as a heat sink for summer cooling and as heat source for winter heating and hot water use. The system virtually eliminates natural gas usage. Visit: www.geoexchange.org to learn more.
- **FSC CERTIFIED WOOD** insures that nearly 90% of the resources used in the construction of this home are harvested from sustainably managed forests. Visit: www.fscus.org to learn more.
- **FUTURE RAIN HARVESTING SYSTEM** is incorporated into the roof lines of this home. Drainage to a single point ensures that enough water could be captured, filtered and stored to make this home's water utility independent should the homeowner wish to do so.



FEDERAL TAX CREDITS: Future homeowner will be eligible to receive a federal tax credit worth approximately \$27,400 or 30% of the cost of the geothermal and photovoltaic systems. Credits may be carried forward in succeeding years (through 2016). To learn more about the Residential Renewable Energy Tax Credit visit: www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US37F&re=1&ee=1.