

GE Targets Net Zero Energy Homes by 2015

Home Energy Manager

The central nervous system for the net zero energy home helps homeowners optimize energy consumption.



Solar Photovoltaic

3 kW to 4 kW solar array on the roof to meet energy requirements of the home.

Small Wind

Supplementary renewable generation.



Smart Meter

A communication gateway between the Smart Grid and the home.



Geothermal Heat Pumps

Reduces HVAC and water heating energy requirements by 30%.



GE Heat Pump Water Heater

Uses less than half the energy of a conventional electric water heater.



Energy Storage

Battery storage for backup power and peak loads.

Demand Response Appliances

High efficiency Energy Star Appliances shed load from the grid and help consumers save money during peak demand.

GE Water Filtration

Filters, conditions and monitors home water usage.

Energy Efficient Lighting

High efficiency CFL, LED and OLED lighting.



imagination at work