

## Reap the Many Rewards of Building a Green House

Energy and cost efficiency are two perks of building using green architecture and design. Although the initial costs of building a green house may top those of a conventional home, expenditures can be made up in reduced utility bills. One way in which building a green house is more efficient than building a standard house is in the reduced consumption of electricity.

Building a green house easily allows for new energy sources to be utilized. Using wind turbines can be one way to create electricity in green homes. Solar panels are an additional way to power electricity in a green house. Gas and coal power are steadily increasing in price, but it will probably have little effect on those installing green technologies. The only costs in using solar and wind power are the materials and installation costs. Both abundant and constantly renewable, the resources of sunlight and wind are free! Both solar panels and wind turbines are economical and environmentally friendly tools that can be used to tackle energy issues inherent in building a green house.

Another design concept that can be used in building a green house is the gray water system. Gray water systems are more efficient because they use water from one area of household and recycle it elsewhere in the dwelling. Green home residents with gray water systems could use the same water to irrigate a garden that they had previously used to shower. Unnecessary water waste is decreased in recycling water throughout the home from day to day. Gray water systems are yet another state of the art technology that can be used to save money and reduce the carbon footprint of a home.

When building a green house, design and building materials are main factors to consider. In building a green house, there are many options including recycled materials. From insulation to roofing and even flooring, it is possible to use recycled or salvaged materials for nearly every surface in green house designs! Not only are recycled or salvaged materials often more cost effective for building, they are often more durable than other materials. Using locally salvaged building materials can reduce the carbon footprint of a home even more if they are locally obtained. Since it does not require as much energy to manufacture and transport locally salvaged building materials, less pollution is created building a green house.

Temperatures within a green house can be regulated by building with different kinds of architecture. Green homes in colder climates can benefit from designs that maximize sun exposure and thus, heat retention. A comparable design principle can be applied to those building a green house in warmer areas. In warm places, residents can minimize sun exposure and harness naturally cooler biomasses beneath the surface of the Earth. There are many ways to save money while reducing carbon footprints in building a green house. More articles [Green home design - General](#) - [Green home design](#) - [Green home plans](#) -

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