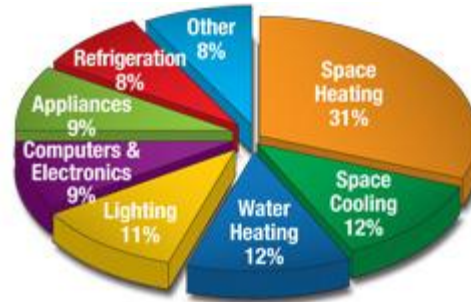


## Green Building Elements – Energy Efficiency

In a typical home, energy is consumed in the areas shown in the pie chart (shown as a percentage of the total household energy use):



Source: [U.S. Department of Energy](https://www.energy.gov)

A high-performance home incorporates multiple strategies to significantly reduce home energy consumption (both electricity and gas), reduce home operating costs, and minimize upstream environmental impacts associated with energy production:

- Layout and home design
- Insulation
- Windows
- Air Infiltration
- Duct Leakage
- Water Heating
- Space Conditioning Mechanical Equipment
- Lighting
- Appliances