



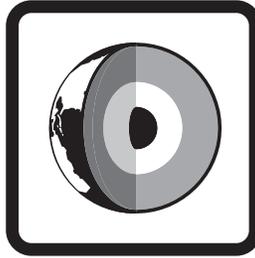
Energy Sources



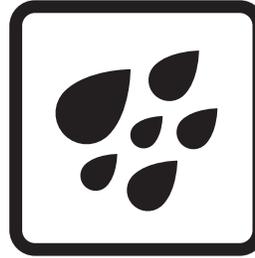
BIOMASS



COAL



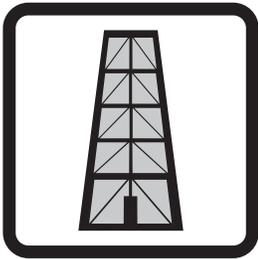
GEOTHERMAL



HYDROPOWER



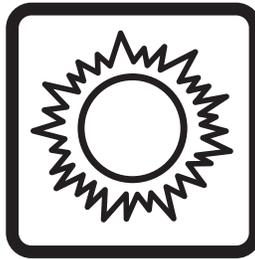
NATURAL GAS



PETROLEUM



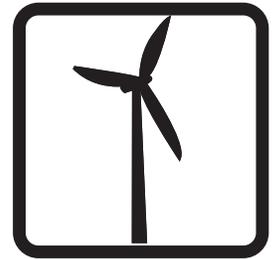
PROPANE



SOLAR



URANIUM



WIND

We use many energy sources to do work.



Energy Sources

TEACHER

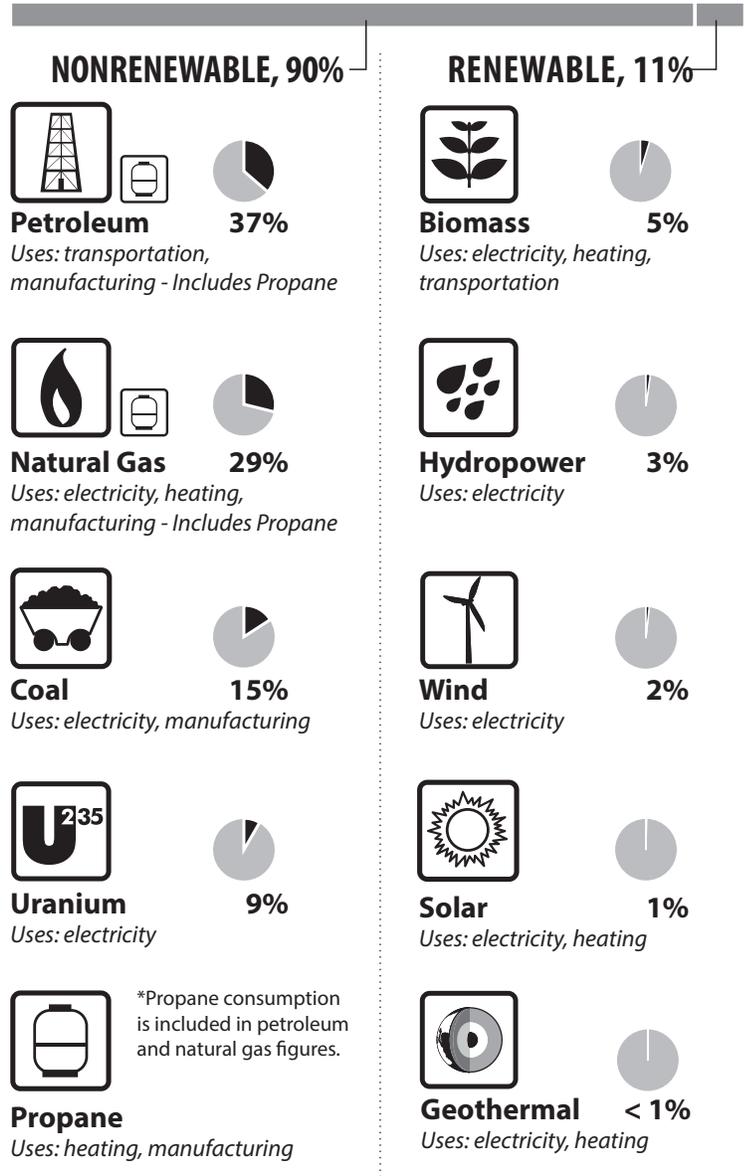
We use many different energy sources to do work for us. Energy sources are classified into two groups—nonrenewable and renewable. In the United States, most of our energy comes from nonrenewable energy sources. Coal, petroleum, natural gas, propane, and uranium are nonrenewable energy sources. They are used to make electricity, to heat our homes, to move our cars, and to manufacture all kinds of products.

These energy sources are called **nonrenewable** because their supplies are limited. Petroleum, for example, was formed hundreds of millions of years ago from the remains of ancient sea plants and animals that lived prior to dinosaurs. We cannot make more petroleum in a short time.

Renewable energy sources include biomass, geothermal energy, hydropower, solar energy, and wind energy. They are called **renewable** energy sources because they are replenished in a short time. Day after day the sun shines, the wind blows, and the rivers flow. We use renewable energy sources mainly to make electricity.

Electricity is different from the other energy sources because it is a **secondary source of energy**. We have to use another energy source to make electricity. In the United States, natural gas is the number one energy source for generating electricity.

U.S. Energy Consumption by Source, 2016



Data: Energy Information Administration
*Total does not equal 100% due to independent rounding.



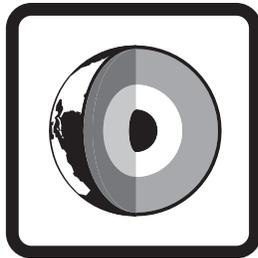
Renewable

Re - NEW - a - ble

Able to be NEW again



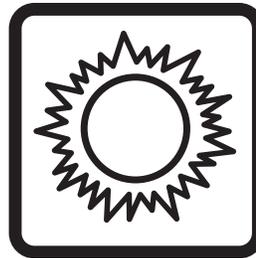
BIOMASS



GEOTHERMAL



HYDROPOWER



SOLAR



WIND

Some energy sources can
be made again quickly.



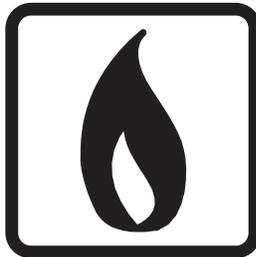
Nonrenewable

NON - re - NEW - a - ble

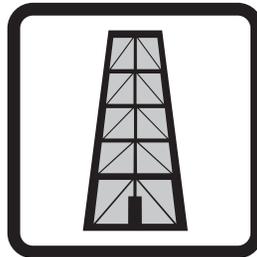
NOT able to be NEW again



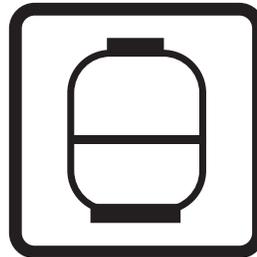
COAL



NATURAL GAS



PETROLEUM



PROPANE



URANIUM

Some energy sources take
millions of years to form.