Forms and Sources of Energy Canada

In Canada we use a variety of resources to meet our energy needs. Use the information below to analyze how each energy source is stored and delivered.

1 Using the information from the *Forms of Energy* chart and the graphic below, determine how energy is stored or delivered in each of the sources of energy. Remember, if the source of energy must be burned, the energy is stored as chemical energy.

NONRENEWABLE

Petroleum _____

Coal _____

Natural Gas _____

Uranium _____

RENEWABLE

Biomass _____

Hydropower _____

Wind _____

Geothermal _____

Solar _____

2 Look at the Canada Energy Consumption by Source graphic below and calculate the percentage of the nation's energy use that each form of energy provides.

What percentage of the nation's energy is provided by each form of energy?

Chemical _____

Nuclear _____

Motion _____

Thermal _____

Radiant _____

What percentage of the nation's energy is provided by renewables? _____

By nonrenewables? _____

Canada Energy Consumption by Source, 2012

NONRENEWABLE

PETROLEUM 35.39%
Uses: transportation, manufacturing

NATURAL GAS 31.23%
Uses: heating, manufacturing, electricity

COAL 6.87%
Uses: electricity, manufacturing

URANIUM 8.25%
Uses: electricity

RENEWABLE

BIOMASS 4.64%
Uses: heating, electricity, transportation

HYDROPOWER 12.24%
Uses: electricity

WIND, GEOTHERMAL, SOLAR 0.38%
Uses: heating, electricity

Data: Energy Information Administration

*Note: Sum of renewable and nonrenewable sources does not equal 100, due to independent rounding