

# Basic Environmental Science

## Energy

ability to do work or vigorous activity

## Kinetic Energy

energy in motion

## Potential Energy

stored energy

## Non-renewable Energy

energy being rapidly used but not easily recreated

## Biomass

organic material which has stored sunlight in the form of chemical energy

## Geothermal Energy

derived from the earth's core, eliminates pollution produced with use of fossil fuels

## Hydropower

energy from moving water

## Solar Energy

energy converted from the sun into thermal or electrical energy

## Wind Energy

wind turbines convert wind's kinetic energy into usable forms of energy

## Nuclear Energy

derived from atoms, caused radioactive waste

## Fossil Fuels

formed over millions and millions of years by action of heat from the Earth's core and pressure from rock and soil on the remains of dead plants and animals

## Biodiesel

diesel-replacement fuel

# Basic Environmental Science

Ethanol

alcohol based alternative fuel

Methanol

wood alcohol fuel

Natural Gas

mixture of hydrocarbons

Propane

liquefied petroleum gas

P-series

assortment of natural gas liquids, ethanol and biomass-derived co-solvent

Alternative

existing outside the established cultural, social or economic system

Energy

the resource for producing power

Vigorous

showing no signs of depletion

Category

distinct class to which entities or concepts belong

Pollute

contaminate with man-made waste

Convert

change from one form or function to another

Kinetic Energy

energy associated with motion

Emissions

substances discharged into the air, as by an automobile

# Basic Environmental Science

Combustion

act or instance of burning

Toxin

poisonous substance

Hydrocarbon

organic compound containing carbon and hydrogen often occurring in petroleum, natural gas and coal

Radioactivity

spontaneous emission of energetic particles by the disintegration of atomic nuclei

Legacy

something received from an ancestor or from the past

Hazardous

involving or exposing one to risk

Recycle

reuse or make available for reuse

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