

**WHAT'S
ENERGY?**

Thunder storm



WHAT'S ENERGY?

lightbulb



Energy is the ability of things living to perform work and produce changes in themselves or in other bodies. That is, the concept of energy is defined as the ability to make things work and also the capacity of matter to produce work energy in the form of movement, light, heat, etc.



The Sun

water



RENEWABLE ENERGY

- Energy that uses the inexhaustible resources of nature, such as biomass, solar radiation or wind. Below are some renewable energy sources of renewable energy.
- Solar energy, wind energy, hydroelectric energy, biomass and biofuels, geothermal energy and energy generated by waves, tides and marine currents.

NON – RENEWABLE ENERGY

- Non – renewable sources of energy or limited sources of energy are those that are found in nature in fixed amounts, which, once fully consumed, cannot be replaced, since there is no economically viable production or extraction system. There are two kinds of this type of energy.
- Renewable energy comes from natural and inexhaustible sources such as wind, sun or water. On the other hand, non – renewable sources of energy are those obtained from fossil fuels such as oil, natural gas or coal.

DIFFERENCES BETWEEN RENEWABLE ENERGY AND NON- RENEWABLE ENERGY

RENEWABLE ENERGY

- Renewable energies comes from natural and inexhaustible sources such as wind,the sun or water.



NON – RENEWABLE ENERGY

- On the other hand, non-renewable energy is obtained from fossil fuels such as oil, natural gas or coal.



DIFFERENT TYPES OF RENEWABLE ENERGY

WATER

RIVER

HYDROELECTRIC POWER



SEA

-TIDAL POWER
-WAVE ENERGY



WIND



THE SUN

SOLAR ENERGY(SOLAR
PANELS)



WASTE

BIOMASS ENERGY



BIOGAS ENERGY



HEAT FROM THE EARTH

