

What is Energy?

WHAT IS ENERGY?

Energy is part of our daily lives, it is the ability to do work. Energy is in everything. We use energy for everything we do, from making a jump shot to baking cookies to sending astronauts into space. Simple things like eating, and doing homework are also ways in which you use energy.

Energy can take a various forms such as heat (thermal), light (radiant), mechanical, electrical, chemical, and nuclear energy. There are two types of energy: Stored (potential) Energy and Working (kinetic) Energy.

All forms of energy are stored in different ways, in the energy sources that we use every day. These sources are divided into two groups: Renewable (energy source that can be used over and over again e.g. solar energy) and Non-renewable (energy source that can be used up and cannot recreate in a short period of time). Renewable and nonrenewable energy sources can be used to produce secondary energy sources including electricity.

WHAT IS ELECTRICITY?

Electricity is a form of energy. Electricity is the flow of electrical power or charge. It is generated when millions of electrons move around and create force fields that create energy.

The electricity we use in our homes comes from a primary source like oil, nuclear power, coal, natural gas, the sun, or other natural sources. LUCELEC brings energy to you so you have the power to light your house, play your video games, operate appliances and equipment and much more.

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