

Introduction to Electricity



Advantages of Electricity

Light in our houses, offices, roads etc. even past sunset.

To operate pumps which in turn have a lot of applications.

Electrical appliances like refrigerator, fans etc. Building houses, installing equipment etc.



Current

Current is the flow of particles in a particular direction. E.g. air currents that cause winds or water currents.

When particles flow in an electric circuit to produce electricity, it is called an electric current.



Electric current

The flow of electric charges in a circuit is called an electric current. The direction is taken from the positive terminal to the negative terminal of the battery in an external circuit

