Push/Pull Generator

This small electric generator turns your muscle power into electrical energy to light the lights. In a generator, magnetic fields are used to produce electric current. To provide enough electricity to power our homes, our cities, and our whole nation, big generators use giant coils of wire and huge magnets to change the energy from waterfalls, wind, or steam into electricity.

Magnet + Movement + Wire = Electrical Current
Spin Generator

This small electric generator changes your muscle power into electrical energy to move the meter and light the lights. In a generator, magnetic fields are used to produce electric current. To provide enough electricity to power our homes, our cities, and our whole nation, big generators use giant coils of wire and huge magnets to change the energy from waterfalls, wind, or steam into electricity.