

Free Energy for Home Appliances through Plants

The emission during the production of electricity using non-renewable sources such as coal, natural gas and other fossil fuel is harmful to the environment. These sources were going to be wiped out within few decades. To meet the needs we should go for sustainable form of energy. we present a process of harvesting electrical energy from living plants. The energy is harvested by embedding electrodes into the soil to allow flow of ions and hence generate electricity. A process also developed to convert DC voltage produced by the plant to 220AC with an inverter circuit. Numerous random tests have been done using various pairs of electrodes and plants. It is found that voltages are produced to greater or lesser extents by all tests where combination of copper-zinc and fern produces the highest voltage. In addition, it is shown its ability to light up a 10W LED bulb.