

RENEWABLE ENERGY SOLUTIONS

With the world slowly moving to the much-dreaded energy crisis, it is important that we reduce our dependency on non-renewable sources of energy. Non-renewable sources being renewable are about to get extinct.

Renewable energy solutions refer to those energy solutions that can keep churning energy without exhausting the resources. Three types of energy solutions fall into the category of renewable energy solutions: solar energy solutions, hydro energy solutions, and wind energy solutions.

Solar energy solutions: The sun's energy is the most abundant energy available on earth. Make use of this free energy. You can employ solar power solutions at home. This will not only cut down power bills but also help you contribute to a greener world. Solar power solutions comprise of solar cookers, solar heating systems, solar lighting systems, solar dryers etc.

The sun has always been a source of heat energy and light energy. With the advancement of technology, the sun's energy can be used to create other forms of energy.

The solar energy systems have many advantages apart from being cost-effective and environment-friendly. They are low on maintenance thus saving your time and effort. Also, solar systems give you a return on investment very soon, thus making the

systems free after some time. Cooking with solar energy is also considered extremely healthy. Families have started employing solar energy as a power solution at their homes.

Hydro energy solutions: The hydro energy or water energy is an effective renewable energy. One can convert the hydro energy into electrical energy to run vehicles and various electrical appliances. Hydro energy is typically generated on a large scale. It has been estimated that 90 percent of the electrical energy produced by renewable resources is produced solely by hydro power. Dams are built to help generate electricity by tapping the water power.

There have been some concerns about using this energy because it is supposed to adversely affect the water-borne flora and fauna.

Wind energy solutions: Windmills were in existence even in the years before the birth of Christ. They helped tow boats and pump water. Eventually, post-industrialization, they became a source for generating electricity.

Windmills and wind turbines have never been passé. Wind energy can help generate tonnes of megawatts of electricity. When employed at individual estates, it can help do away with conventional power sources. An excellent renewable source of energy, the wind energy will go a long way in promising a good future to generations to come.

Source : <http://www.hicow.com/renewable-energy/hydro-energy/generating-electricity-1.html>