

Water can be used as a renewable energy source. By using hydroelectric power stations the hydroelectricity of falling or moving water can be transformed into electric energy. There are four different kinds of hydroelectric stations :

1. the running water pipe: It uses the energy of flowing water and produces electricity permanently
2. storage power plant: Here the water is collected in an artificial lake. At any time it can produce a water flow by itself, so produce electricity at the moment people need it.
3. Pumped storage power plant: It's a good way to save the electricity you produce.
4. tidal power station : This type of hydro electric power station uses the energy of the tides. So every time there is high tide you can produce electricity.

The use of hydroelectricity is a healthy way to get electricity. It can be expensive to build, but you have no production costs and it can last for 50-100 years.