

Vidya Bhawan Balika Vidyapeeth, LKR.

Class-8th, Sub. -Social Science, 08-09-2021

Ch3-Ingredients of Modern Industry (Geog.)

Non-conventional sources of energy are the renewable sources of energy produced from the sources of energy produced from the sources of sun, wind, water tides, etc.

Solar energy:- It is the most universal & abundant source of energy available to us. It can be used for cooking, heating, lighting of streets & homes and drying of crops etc. The latest technology called 'photovoltaic technology' is available to energy.

Wind energy:- It is a renewable & pollution free source of energy. Constant movement of high velocity winds in a given direction over an area helps in the generation of wind energy. Wind mills have to be set up to generate wind energy.

Nuclear Power:- It is generated from uranium & thorium through nuclear fission. It release large quantities of energy in nuclear reactors.

Geothermal energy:- Energy produced from the heat if the earth's interior is called geothermal energy. It is used for cooking & bathing. In India, this energy is produced near Manikaran in Himachal Pradesh & Puga Valley in Ladakh.

Tidal Energy:-It is produced from high tides along the coastal regions. This can be generated by building dams at narrow inlets if sea. During high tide, the water turns the turbine installed at the dam to produce electricity.

Biogas:- Biogas plant use human waste, animal waste & farm waste to convert it into gaseous fuel called biogas. It is a mixture of methane & CO₂ which can be used as a fuel for cooking & lighting.

By :Punit kr. Oip)