

- Geothermal power plants

Geothermal power plants are used in order to generate electricity by the use of geothermal energy, they essentially work the same as coal or nuclear power plants, the main difference being the heat source. With geothermal, the Earth's heat replaces the boiler of a coal plant or the reactor of a nuclear plant.

- Thermal power plant

In thermal power plants, heat energy produced by burning of fossil fuel, such as coal, is converted to electrical energy. But in geothermal power plants, heat energy from the interior of the Earth is harnessed to produce electrical energy.