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SUBJECT:- PHYSICS

CLASS:- XTH

DATE:21/05/XX

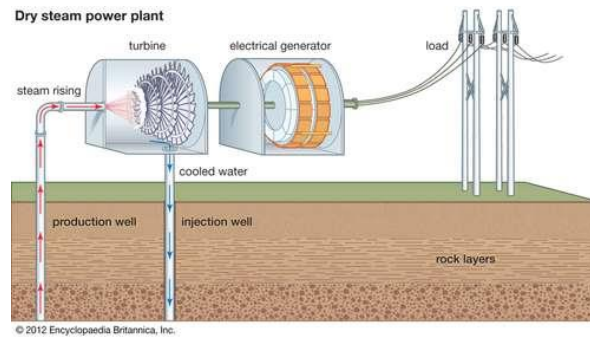
SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 3. SOURCES OF ENERGY

- **Geothermal Energy**

Heat from the earth can be used as an energy source in many ways. This heat energy, known as geothermal energy.

Hot water inside earth surface as geyser and that region where hot water accumulates, is known as hot spring.



The hot water and steam can be tapped to generate electricity and for other work directly. In some geothermal plants, the steam trapped in rocks is routed through a pipe to a turbine and used to generate electricity.

Advantages:

- In geothermal plant, steam used is free and thus cheap.
- Round the clock
- Pollution free

Disadvantages:

- Very few viable sites.