

D.A.V. PUBLIC SCHOOL, VELACHERY, CHENNAI - 42

EXPERIENTIAL LEARNING ACTIVITIES

SUBJECT : Science

CLASS : X

CHAPTER NO. : 14

TOPIC : Sources of Energy.

SUB-TOPIC : Thermal Power Plant

METHODOLOGY:

Video of [Thermal Power Plant](https://www.youtube.com/watch?v=Ih5_7sHyLU4) https://www.youtube.com/watch?v=Ih5_7sHyLU4 is shown.

QUESTIONS :

- 1) Why are thermal power plants located closer to coal or oil fields?
- 2) List the energy transformation in a thermal power plant?
- 3) Name the fuel used in a thermal power plant?

CURIOSITY QUESTIONS:

- 1) Is there a possibility for India to get its maximum energy requirement from renewable sources?

Answer Guide:

Think about:

- a) Is there any country in the world which generates its maximum energy by renewable sources and how?
- b) What type of renewable energy do you think can be used to generate energy in your state?
- c) What are the disadvantages of using a Solar panel?