

Name #

Syed Daniyal Shah

Assignment #

Power Generation

ID #

15863

Date: \_\_\_\_\_

Q. No.  $\rightarrow$  1

Ans. No.  $\rightarrow$  1

Hydro Electric Plants are located mostly at remote places such as hilly terrain or at the foothills wherein only, the reservoirs can be constructed.

Installing the transmission lines at such a hilly terrain or at places which are far off from the utility

base requires a very long transmission lines. This makes

the transmission less more and also the cost

of construction on the

higher side.

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Q No :-> 2

Ans No :-> 2

The energy made by windmills can be used in many ways. These include grinding grain, or spices, pumping water and sawing wood. Modern wind power machines are used to create electricity.

From old Holland to farms in the United States, windmills have been used for pumping water or grinding grain.

Today, the windmill's modern equivalent - a wind turbine - can use the wind's energy to generate electricity. Wind turbine, like windmills, are mounted on the tower

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to capture the most energy.

Q No :-> 3

Ans No :-> 3

What is a conventional source of energy? When we cannot replace a source of energy after using it once we call them "conventional sources of energy" or "non-renewable energy resources".

They are the most important conventional sources of energy. These include coal, petroleum, natural gas and nuclear energy.

They are called conventional since these sources are used as major source of power generation.

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Few examples of Conventional Energy Source are: oil, coal, Natural Gas etc.

Non-Conventional Source are those sources which are inexhaustible in nature like solar, wind, Hydel/Hydro, biomass etc.

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