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Class date – 21/09/2020

## Chapter-7, Lecture-2

### Natural Resources

2. Uses of natural resources for energy production:

Energy:

Energy is the ability to do things.

Functions of energy:

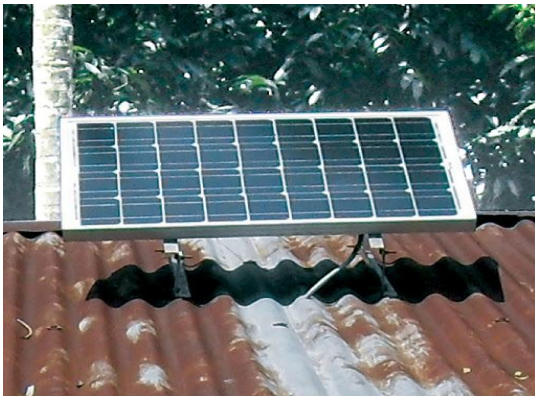
- Energy can move something.
- Energy can make sound.
- We can produce light with the help of energy.
- We can produce heat with the help of energy.

Energy resource:

Anything that can be used to produce energy is called an energy resource. Sunlight, wind, water current, oil, coal and natural gas are energy resources.

Sunlight:

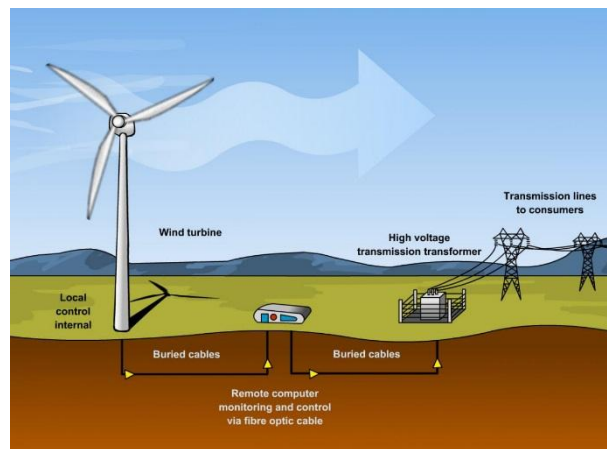
People use solar panels to get energy from the sun. Solar panels are devices that transform sunlight into electricity.



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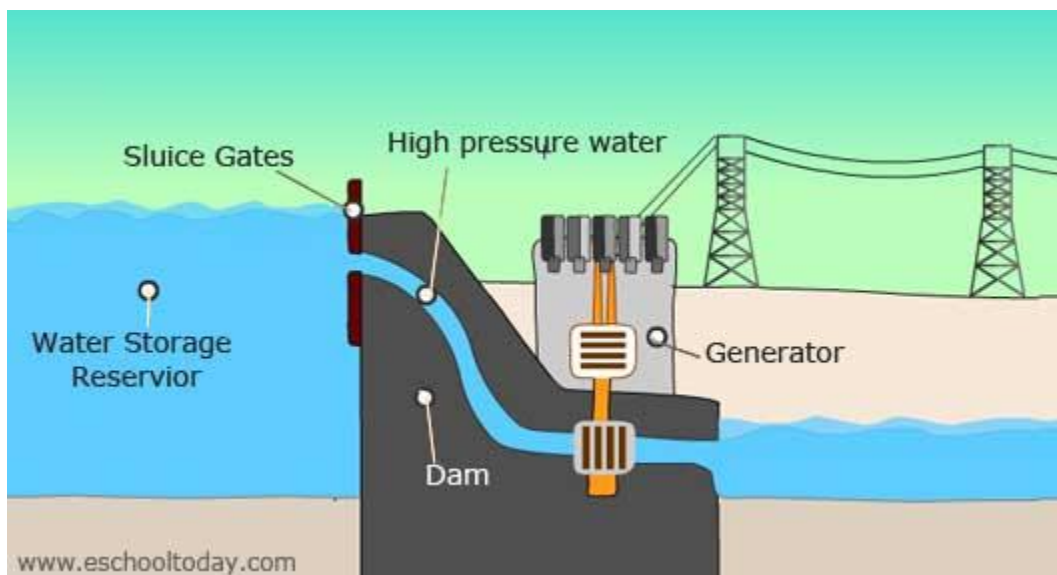
Wind:

People use wind to produce electricity. Wind turns the blades of a wind turbine; it spins a generator and produce electricity.



Water Current:

Water current turns the blades of a turbine and spins a generator to produce electricity.



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Oil, Coal and Natural Gas:

Oil, coal and natural gas are non-renewable natural resources. They are called fossil fuels. If we burn this resource, we can produce heat energy. Heat is used to cook food, to run vehicles, to produce electricity and to warm houses in the cold countries.



Fossil Fuel:

A fuel such as coal or oil that is formed in the earth from dead plants or animals is known as fossil fuel.

Example: Natural gas, coal etc.

## Exercise related with this topic

[Students will write the answer of the following questions]

1. Name four types of natural resources.
2. What is energy?
3. How can we use solar energy? Explain.
4. Which resources are used in producing urea fertilizer?