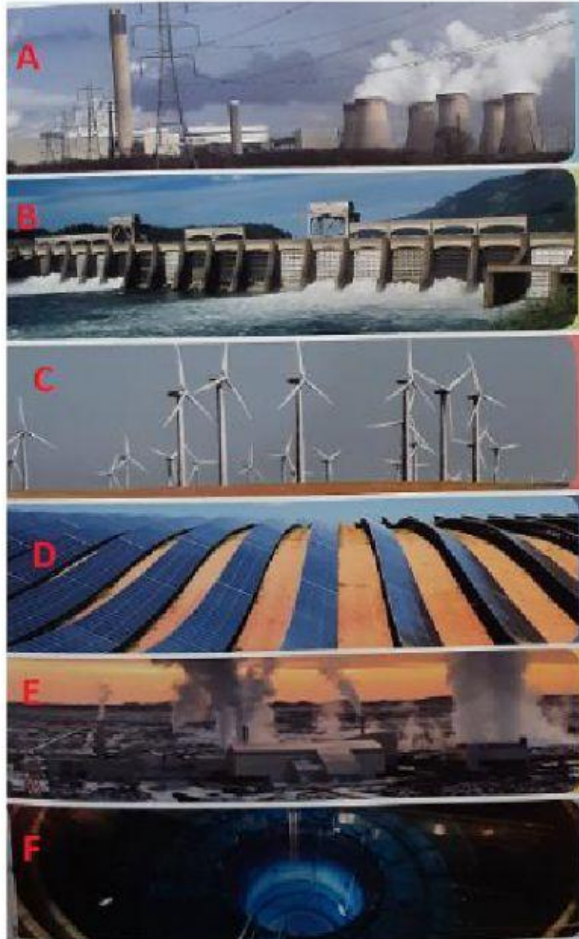


POWER

1. Label the pictures. Use the following: *Coal power station; Geothermal power; Hydroelectric dam; Nuclear reactor; Solar farm; Wind farm*



A:

B:

C:

D:

E:

F:

2. Use the words and expressions from ex 1. in correct form to complete the texts:

Places like Iceland and Japan have hot areas under the Earth's surface. This makes it easier to heat up water to create

_____.

The white smoke rising from the towers of _____ is steam from the boiling water used to turn

the turbines that make electricity.

_____ turn rivers into lakes, which creates higher pressure. The weight of the water rotates turbines inside the dam.

6 grams of _____ fuel can make as much energy as 1 tonne of coal. However, the uranium used to make fuel for _____ is rare.

The energy produced from a single _____ panel is very small. _____ have large groups of panels, called arrays.

Groups of _____ turbines are called _____. They are built where there are few people and strong _____ blow. Some are even built out at sea.

3. Match the headings with the descriptions. Don't get confused by the missing words:

Fossil fuels

The arms of ??? turbines turn when the ??? blows, which creates electricity. Modern turbines can be more than 100 m tall!

Geothermal power

Coal, gas and oil are ???. They are made up of squashed remains of plants and animals. When burnt, they create heat that turns water into steam which turns the turbine.

Nuclear power

??? flowing downhill can turn a turbine to create power. Engineers make use of this by building dams with turbine in them. ??? waves and currents can also be used.

Solar power

??? uses the natural heat of the ???. We can pump cold water deep under its surface, where it is so hot that it turns into the steam needed to turn a turbine.

Water power

??? uses a process called fission, where atoms are split apart. The heat this creates boils water to make steam, which then turns turbines to produce electricity.

Wind power

??? panels are made up of cells that absorb ???. The light is then turned into electricity. ??? panels work best where there is lots of ??? and hardly any clouds.

HINT: Missing words in alphabetical order: Earth, fossil fuels, geothermal power, nuclear power, ocean, solar, sunlight, water, wind

4. Complete the text with suitable words – first letters are given:

We need e_____ to run most machines from ovens to space rockets. Engineers build different structures that g_____ electricity. Most of it is made in large p_____ stations from burning fossil f_____ or using r_____ sources such as wind or water power. S_____ is created that then turns a turbine, a machine with b_____ that spins so quickly it can create electricity. Electricity is t_____ from p_____ stations to homes, offices and factories through aluminium c_____. They are held above the ground by metal towers called electricity p_____.

