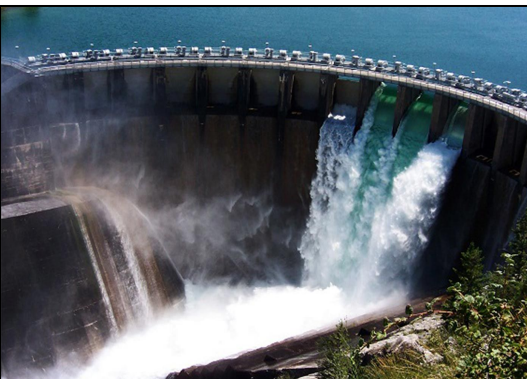
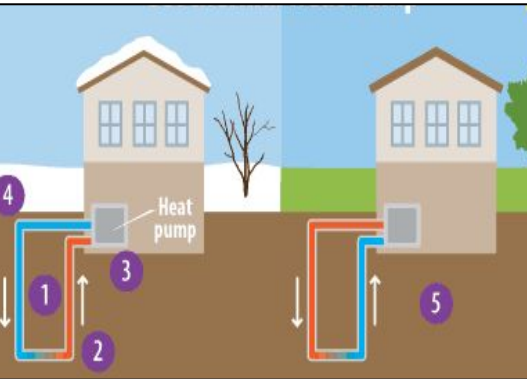


# RENEWABLE ENERGY

- 1) What type of energy do these pictures demonstrate?
- 2) How are these items used to generate energy? What do they do?



# RENEWABLE ENERGY

## ANSWER KEY

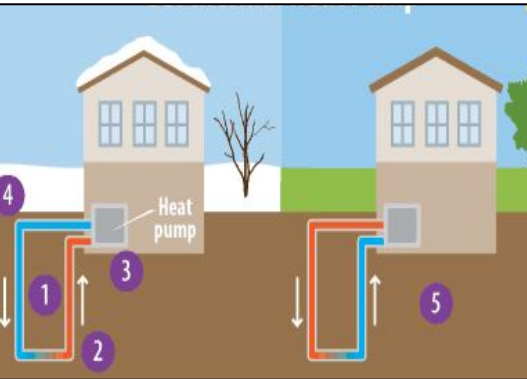
- 1) What type of energy do these pictures demonstrate?
- 2) How are these items used to generate energy? What do they do?



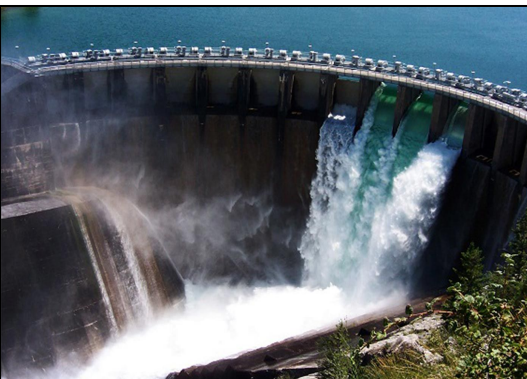
- 1) Wind energy
- 2) The wind causes the large fans, also known as turbines to spin and the energy taken in by the spinning turbines is used to generate electricity.



- 1) Solar energy
- 2) These are solar panels. They absorb the sunlight and have special cells in the panels that store the energy. That energy creates a current used for energy in houses and buildings.



- 1) Geothermal energy
- 2) There are pipes with water in the ground below the building. The temperature of the ground is different than the air temperature during the seasons so it heats and cools the water in the pipes and that leads to the building.



- 1) Hydropower
- 2) As the water moves over/through the dam and falls into the next area, it causes an underwater fan called a turbine to spin. That energy is turned into electricity by a generator.