

**Activity 1: Fill Me**

**Direction:** Read a paragraph about how a geothermal plant works and choose the appropriate word to complete the statement.

Electricity	Generator	Heat
Hot	Water	Wells
Steam	Surface	Turbine
Volcanic	Cold	Lava

Geothermal power plants are used to generate (1) \_\_\_\_\_ . Geothermal energy is the (2) \_\_\_\_\_ that comes from below the ground in areas of (3) \_\_\_\_\_ activity. (4) \_\_\_\_\_ are drilled into a known geothermal reservoir. Cold (5) \_\_\_\_\_ is pumped under pressure through the injection well into a layer of (6) \_\_\_\_\_ rocks. The rocks heat the water and the hot water then returns to the (7) \_\_\_\_\_. The decrease in the pressure causes the water to turn into (8) \_\_\_\_\_. The steam turns the (9) \_\_\_\_\_, which generates electricity in a (10) \_\_\_\_\_. The steam cools and turns back to water which can then be used again in the system to continue the process.