

Name: \_\_\_\_\_

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



Providing support for homeschooling parents & those who seek extra help with their school work

# Energy Terms Matching

I am YHWH: that is my name: and my glory will I not give to another, neither my praise to graven images- Isaiah 42:8

Clues are listed below. Print the word that matches the clue on the blank line by the clue.

1. LOAD \_\_\_\_\_ – The power and energy requirements of users on the electric power system in a certain area or the amount of power delivered to a certain point.
2. KINETIC \_\_\_\_\_ – The energy of a body which results from its motion.
3. ENERGY \_\_\_\_\_ – The ability to do work or the ability to move an object
4. MAGNET \_\_\_\_\_ – Any piece of iron, steel, etc., that has the property of attracting iron or steel.
5. RADIATION \_\_\_\_\_ – Any high-speed transmission of energy in the form of particles or electromagnetic waves.
6. COLLECTOR FIELD \_\_\_\_\_ – The area where many solar collectors are situated in a solar power plant.
7. JOULE \_\_\_\_\_ – A metric unit for measuring work and energy, named after James Joule. It is equal to the work done when a one ampere current is passed through a resistance of one ohm for one second.
8. POWER PLANT \_\_\_\_\_ – A facility where power, especially electricity, is generated.
9. HORSEPOWER \_\_\_\_\_ – A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts.
10. FUEL \_\_\_\_\_ – Any material that can be burned to make energy.
11. APPLIANCE \_\_\_\_\_ – A piece of equipment, commonly powered by electricity, used to perform a particular energy-driven function
12. LIGHT \_\_\_\_\_ – Radiant electromagnetic energy that an observer can see.
13. CIRCUIT(S) \_\_\_\_\_ – A conductor or a system of conductors through which electric current flows.
14. FORCE \_\_\_\_\_ – Something which changes the state of rest or motion of something.
15. ELECTRICITY \_\_\_\_\_ – A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.
16. GRID \_\_\_\_\_ – The layout of an electrical distribution system.

RADIATION	ELECTRICITY	COLLECTOR FIELD	JOULE
FORCE	CIRCUIT(S)	LIGHT	POWER PLANT
ENERGY	LOAD	MAGNET	GRID
KINETIC	APPLIANCE	FUEL	HORSEPOWER