



Name _____

Date _____

Review

Complete.

rotor
megawatt
kilowatt
grid
transmission line

transformer
blade
anemometer
cable
tower

substation
energy
hub
electricity
renewable

foundation
nacelle
wind
turbine
generator

Matching

Match each definition with a word.

1. _____ The science dealing with electric charges and currents.
2. _____ It sits atop the tower and contains the gear box, low and high speed shafts, generator, and brake.
3. _____ An auxiliary power station where electrical current is converted and voltage is stepped up or down.
4. _____ An electrical device by which alternating current of one voltage is changed to another voltage.
5. _____ A machine that produces electricity by changing energy of motion into electrical energy.
6. _____ Made from tubular steel, concrete, or steel lattice, they raise the blades above the ground.
7. _____ A unit of power equal to 1000 watts.
8. _____ A unit of power equal to 1,000 kilowatts or 1 million watts.
9. _____ A resource such as solar energy or wood that is inexhaustible or can be replaced by new growth.
10. _____ Most turbines have either two or three. Wind blows over them and causes them to "lift" and rotate.
11. _____ The base below the surface of the ground on which the tower rests.
12. _____ A device for converting the flow of air into mechanical motion used to produce electricity.
13. _____ Air moving (sometimes with considerable force) from an area of high pressure to an area of low pressure.
14. _____ A network of power lines or pipelines used to move energy from its source to consumers.
15. _____ A rotating part of an electrical or mechanical device. The blades and the hub together make up this assembly.



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16. _____ The central part of a rotor where the blades are inserted.
17. _____ Any source of usable power, such as fossil fuel, electricity, or solar radiation.
18. _____ A gauge for recording the speed and direction of wind.
19. _____ A bundle of wires that can carry electricity.
20. _____ The means to transfer of electric current from a power plant to a destination that could be hundreds of miles away.

Answer Key

1. electricity
2. nacelle
3. substation
4. transformer
5. generator
6. tower
7. kilowatt

8. megawatt
9. renewable
10. blade
11. foundation
12. turbine
13. wind
14. grid

15. rotor
16. hub
17. energy
18. anemometer
19. cable
20. transmission line