



# Electricity Worksheet

Write the word that best describes each definition in the blank space. Use each word only once.

1. A device that changes voltage. transformer
2. A device that changes linear motion into circular motion. turbine
3. Allowing competition in the power industry. deregulation
4. Managing how and when consumers use electricity. demand-side management
5. The total amount of electricity a power plant can deliver. capacity
6. Times when many customers need electricity. peak demand
7. How well a utility delivers electricity at all times. reliability
8. Electricity produced at all times to meet basic demand. baseload
9. A merged network of electric utilities. power pool
10. Reducing energy usage through behavioral changes. conservation
11. A measurement of the amount of electricity used by consumers. kilowatt-hour
12. Power plants that burn fuel to produce electricity. thermal
13. A material with little resistance to electric current. superconductor
14. A device measuring electricity consumption that allows for two-way wireless communication between the utility and consumer. smart meter
15. A source of energy that requires another source to produce it. secondary
16. Manufacturing a product and producing electricity. cogeneration
17. Reducing the amount of energy consumed by devices through advances in technology. efficiency

## Word Bank

- 
- |                         |                |                 |
|-------------------------|----------------|-----------------|
| ▪baseload               | ▪efficiency    | ▪secondary      |
| ▪capacity               | ▪generator     | ▪smart meter    |
| ▪cogeneration           | ▪kilowatt-hour | ▪superconductor |
| ▪conservation           | ▪peak demand   | ▪thermal        |
| ▪demand-side management | ▪power pool    | ▪transformer    |
| ▪deregulation           | ▪reliability   | ▪turbine        |