



ACROSS

1. A circuit that is _____ allows electricity to flow.
2. A circuit that is _____ interrupts the flow of electricity.
3. At this location in the distribution system, voltage is transformed; stepped up and stepped down to travel on electrical circuits.
4. Material through which electricity flows easily.
5. A kind of electrical force that makes electricity move through a conductor.
6. A form of energy related to the movement of atoms, which makes the object feel warm. Measured using temperature.
7. A device that changes the voltage of electricity. You can Step-Up or Step-Down the voltage.
8. The flow of electrical charges.
9. An overhead power line is attached to this.
10. An instrument that measures the amount of electricity used at a site.
11. Conductors that are used in an electrical distribution system to deliver electricity.

DOWN

1. Communication of data over long distances using a variety of technologies, including microwave transmission and fiber optics.
2. The flow of electricity through a conductor.
3. Material through which electricity cannot flow easily.
4. Publically elected commissioners govern these power companies, which Mason County PUD 3 is one of. We have preferred access to low cost, renewable, and reliable electricity generated through the federal hydropower system.
5. A measure of the amount of electrical charge (current) passing through a point in an electrical circuit at a given time.
6. A mighty machine that lifts linemen high above the streets below so that they can work on the electrical system.
7. An electrical component that stores energy in order to stabilize voltage and power flow.
8. Two or more objects on an electrical path form a _____.
9. Clean, renewable, and reliable electrical generation using the power of moving water to create electricity.
10. Large amounts of data can be moved very quickly with the power of light through this telecommunications cable.
11. This county is home to the very first PUD in the state of Washington, and now is the only county with two PUDs.
12. A worker who is especially qualified to build and maintain electrical transmission and distribution systems.
13. A word to describe electricity that is generated using natural resources which are naturally replenished. Example: The Water Cycle.
14. The form of energy that makes it possible to see.