





## CLUES

### DOWN

2. A system of transmission lines which interconnect the generating stations and distribution centres of local electricity authorities.
4. Gases that surround the Earth.
6. Energy taken from the heat of the Earth.
8. This type of energy is generated from radioactive material, such as uranium.
10. A unit of electrical power. It is a measure of the rate at which an appliance uses electrical energy.
12. A device fitted to most household switchboards, in order to protect you and your family when an electrical fault occurs (two words).
14. Type of energy that is unlikely to run out – includes solar, hydropower, wind, waves and tides.
16. Term usually used for a dry cell used to power a torch or small appliance.
18. A method of solid waste disposal in which rubbish is buried between layers of dirt to fill in low-lying land.
20. This renewable energy is harvested and taken to a sugar mill – usually by train.

### ACROSS

1. Is when you connect two or more electrical appliances into one power outlet.
3. A machine for converting mechanical energy to electrical energy. Common name used for direct current generators.
5. Watty and Volt star in this show which educates children about energy.
7. American inventor who developed the first practical incandescent lamp (surname only).
9. A fossil fuel formed in swamp ecosystems from the remains of plants saved by water and mud. Is the main source of electricity in Australia and throughout the world.
11. The basic unit for electrical potential. Also the name of a character highlighted in this website.
13. A renewable source of energy caused when the sun heats the air and Earth's surface unevenly, causing a difference in the atmosphere.
15. Rotors or blades that spin when driven by steam, gas, water or wind.
17. A renewable source of energy given out by the sun.
19. One of Ergon Energy Man's Top 10 EveryDay Safety Tips – the second word of something you can install in your home for extra safety.
21. A device that operates by electricity. It includes lights and heaters, not just machines with moving parts.