

Fill in the blanks

Electrical energy can be produced from a variety of sources such as

1. Most methods of electrical energy production involve the use of a _____ to convert mechanical or thermal energy into electrical energy.
2. Some light bulbs use more energy than others (LED) because some energy is _____ through heat.
3. Photovoltaic cells turn _____ energy into electrical energy.
4. Mechanical energy may come from _____ moving past a turbine.
5. Electrical energy can be obtained direct or indirect from _____ energy, _____ energy, _____ energy, _____ energy.
Hydroelectric energy is produced with moving _____ .
7. _____ is renewable organic material that comes from plants and animals
8. Nuclear power plants use _____ for getting heat during nuclear fission.
9. Coal is classified as a _____ energy source because it takes millions of years to form.