**Different Forms of Energy**

**1. Green Energy**: renewable energy generated from natural resources (wind, solar, rain, tides, geothermal heat)

**2. Thermal Energy**: internal energy of an object due to the kinetic energy of its atoms (the faster they move, the more thermal energy is present)

**3. Electromagnetic (light) Energy**: energy emitted electrically or magnetically through space (gamma rays, x-rays, UV radiation, visible light, microwaves, radio wave and infrared radiation

**4. Electrical Energy**: energy that is caused by moving electric charges—faster the movement, the more electrical energy that can be carried

**5. Sound Energy**: the movement of molecules in the air that produces vibrations

**6. Chemical Energy**: energy that is stored in the bonds of molecules—potential energy until the bonds are broken

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