

Forms of Energy

1. Electrical Energy - motion of electrons due to the difference in charges.

- electrons (negative) move toward positive or neutral objects
- static electricity - build up of charges on an object

2. Chemical Energy - energy stored in atoms or chemical bonds

ex: food, water (H_2O)
combustion (coal, petroleum)

3. Potential Energy - energy that is stored or not yet used.

ex: stretched rubber band, a QB's arm before throwing a pass

4. Kinetic Energy - energy being used that causes motion.

ex: anything moving