

# Energy Flashcard List:

Write each **TERM** (underlined and in bold) on the FRONT of your flashcard. Also, draw a picture on the FRONT, which represents the term. On the back of the flashcard, write the definition. I will give you a ring clip to keep all of your cards together.

Front of Note Card:  Term,  Picture
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Back of Note Card:  Definition
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1. **Law of conservation of energy** – this law states that energy can be transformed from one state to another, but it cannot be created or destroyed.
2. **Friction** – a contact force that resists the sliding motion of two surfaces that are touching.
3. **Nonrenewable energy resources** – an energy resource that is available in limited amounts or that is used faster than it is replaced in nature.
4. **Fossil fuel** – the remains of ancient organisms that can be burned as an energy source.
5. **Renewable energy resource** – an energy resource that is replaced as fast as, or faster than, it is used.
6. **Inexhaustible energy resource** – an energy resource that cannot be used up
7. **Solar energy** – radiant energy emitted by the sun.
8. **Biomass** – organic matter used as a fuel, especially in a power station for the generation of electricity.
9. **Wind energy (power)** – a form of energy conversion in which turbines convert the kinetic energy of the wind into mechanical or electrical energy that can be used for power.
10. **Hydroelectricity (hydropower)** – the production of electrical power through the use of the gravitational force of falling or flowing water.
11. **Geothermal energy** – heat energy generated and stored in the earth