



# Energy

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# Glossary

**chemical energy** (KEM-i-kuhl EN-ur-jee) a form of energy stored in matter that can be released by a chemical change **(14)**

**electric charge** (i-LEK-trik CHAHRJ) a property of matter; in atoms, protons have a positive electric charge and electrons have a negative electric charge **(13)**

**electric energy** (i-LEK-trik EN-ur-jee) a form of energy produced by the buildup or flow of electric charge; electricity **(13)**

**energy** (EN-ur-jee) the ability to make things change **(4)**

**fossil fuel** (FOS-uhl FYOO-uhl) a fuel that formed over millions of years from the buried remains of living things **(22)**

**heat** (HEET) the movement, or transfer, of thermal energy from warmer objects to cooler objects **(12)**

**kinetic energy** (ki-NET-ik EN-ur-jee) the energy an object has due to its motion **(5)**

**light energy** (LITE EN-ur-jee) a form of energy that travels in waves and can be seen with the human eye **(11)**

**nonrenewable resource** (non-ri-NOO-uh-buhl REE-sors) an energy resource that cannot be replaced easily once it is used up, such as coal, oil, or natural gas **(22)**

**nuclear energy** (NOO-klee-ur EN-ur-jee) a form of energy stored in the nucleus of an atom **(15)**

**potential energy** (puh-TEN-chuhl EN-ur-jee) the energy an object has due to its condition or position; also called stored energy **(6)**

**renewable resource** (ri-NOO-uh-buhl REE-sors) an energy resource that can be replaced easily or cannot be used up **(22)**

**sound energy** (SOUND EN-ur-jee) a form of energy that travels in waves that are made when matter vibrates **(10)**

**temperature** (TEM-pur-uh-chur) the measure of how hot or cold something is **(12)**

**thermal energy** (THER-muhl EN-ur-jee) the total energy of the moving particles within an object **(12)**

**wave** (WAYV) a repeating pattern that carries energy through matter or space **(10)**

