

Name _____



Learning Energy Terms

Energy keeps our world running, but not all sources are the same. Some can be replaced naturally in a short time (**renewable**), while others take millions of years to form and can run out (**nonrenewable**).

Below are **energy terms** (A-H) and **definitions** (1-8). Match each energy term with the correct definition by writing the letter in the blank.

A. Solar Energy
B. Wind Energy
C. Hydropower

D. Coal
E. Oil
F. Natural Gas

G. Geothermal Energy
H. Biomass

1. ____ A fossil fuel made from ancient plants, burned mainly for electricity but also one of the dirtiest sources.
2. ____ Power created by moving water, such as rivers or dams.
3. ____ Energy captured from the Sun's rays, often using panels.
4. ____ A fossil fuel that is drilled from deep underground and refined into gasoline, diesel, and other products.
5. ____ Heat energy from beneath Earth's surface, often used for heating or power.
6. ____ A renewable source created from organic matter like wood, crops, or waste.
7. ____ A clean energy source that comes from moving air and turns turbines.
8. ____ A fossil fuel that burns cleaner than coal and oil, but still releases greenhouse gases.

Bonus Question: Which of the above are **renewable**? Which are **nonrenewable**? Write them in two lists.