

Balancing The Energy Sources Answer Key

1. **Examples of renewable energy:** Solar, wind, hydropower, geothermal, biomass (any two).
2. **Nonrenewable reason:** They take millions of years to form and cannot be replaced quickly once used.
3. **Advantage of renewable energy:** Produces clean power, reduces pollution, sustainable for the future.
4. **Disadvantage of renewable energy:** Expensive to set up and takes time to build systems.
5. **Reason for more renewables:** To protect the environment, reduce greenhouse gases, and ensure energy for future generations.
6. **Balancing challenge (sample answer):** Nonrenewable fuels provide reliable and cheap energy now, while renewable energy is cleaner but costly and harder to build. Countries must figure out how to use both while moving toward a cleaner future.