

Answer Key

Each question is worth 5 points each.

1. Over 25 years, one large solar powered electricity rooftop will offset how many tons of carbon dioxide?
10, 800
2. In one hour, the sun will provide more energy than the human race will use in how long?
One year
3. What country requires solar water heaters for all residents?
Israel
4. One standard windmill can produce how much energy?
1.5 Megawatts
5. A cluster of wind turbans is called a **wind farm.**
6. A geothermal power plant will produce **12,000** tons of greenhouse gases in one day, which is what a coal fired plant would produce in **5** days.
7. What city and country had the first geothermal energy plant?
Tuscany, Italy
8. What is a typical restaurants vegetable oil disposal in a week?
50 gallons
9. What is the estimated ethanol yield for switchgrass in an acre?
1,150 gallons
10. What major difficulty does renewable energy face?
Political acceptance