

Name _____



Turbines and Panels

Directions: Read the passage carefully. Think about how the two main topics are **alike** and how they are **different**. Fill in the chart by listing **similarities** in the middle section and **differences** in the outer sections. Use complete thoughts, not single words. Then, answer the final reflection question.

Wind Power vs. Solar Power

As the world looks for cleaner energy, wind power and solar power have become two of the most popular choices. Wind power uses large turbines to capture the movement of air and turn it into electricity. Solar power, on the other hand, uses panels that absorb sunlight and convert it into usable energy. Both are renewable resources, meaning they do not run out like fossil fuels. They also help reduce air pollution because they don't release harmful gases. However, wind power works best in open, windy areas, while solar power depends on sunny weather and clear skies. Another difference is that wind turbines can sometimes disturb local wildlife, while solar panels take up large areas of land. Despite these challenges, both energy sources play an important role in moving toward a cleaner future.

Wind Power	Both	Solar Power

Reflection Question: Which energy source do you think would work best in your community, and why?
