



RENEWABLE RESOURCES • SCIENCE OF WIND

An aerial photograph of a wind farm in Texas. The foreground shows a close-up of a white wind turbine's nacelle and part of a blade. In the background, a vast field of wind turbines stretches across a green landscape under a dramatic sunset sky with orange and yellow clouds. A semi-transparent dark box is overlaid on the middle of the image, containing the text "Wind Energy in Texas".

Wind Energy in Texas

Science Practice

Concept Explanation, Environmental Solutions

Science Skills

1.A, 1.B, 7.A, 7.B, 7.C, 7.E, 7.F

ANALYSIS

Wind Energy in Texas Analysis

Watch the video, [Making Wind Work](#), and answer the following questions.

Dr. Tinker discusses six criteria for making wind work as an energy source that have helped Texas become a leader in wind power.

1. List the six criteria.
2. Pick three items from Dr. Tinker's list and explain how Texas meets each.
3. Do you think wind power would work in your state? Use examples from the six criteria to explain why or why not. If you are in Texas, use the remaining 3 criteria not used in question 2 to explain.



SWITCH CLASSROOM

Wind Energy in Texas Analysis