

Name:

Date:

Class:

Alternative Energy Pros and Cons Worksheet – Wind Answer Key

Type of alternative energy:

Wind

Individual work:

Define alternative energy source:

Using a turbine to transfer wind energy into electricity

What are the pros and cons of the energy source you focused on?

Pros	Cons
Revitalize rural economies - wind turbines can add a new source of property taxes	Turbines only produce energy when the wind blows.
Free fuel - wind electricity is generated at the source, no fuel for shipping is needed.	Aesthetics - many people feel the turbines interfere with the natural landscape.
Support agriculture - wind turbines can be installed on cropland without interfering with the crop.	Wind energy can impact plants and animals.
Conserves and keeps water clean - no particulate emissions are released.	

Highlight 2 pros and 2 cons that you think are most important to share with the rest of your group. When everyone has learned about the alternative energy source they are focusing on, share what you have identified as most important with your group. Take notes in the table below so that you can share this information with your poster group.

Answers will vary based on student presentations.

Name:

Date:

Class:

Group sharing:

Type of energy	Pros	Cons
Solar		
Wind		
Geothermal		
Hydropower		
Nuclear		
Biomass		

Based on what you heard from these presentations, which type of energy do you recommend be used in getting electricity to your building?

Answers will vary.

What is the evidence and reasoning behind this recommendation?

Answers will vary.