

Wind Energy

Gap fill

Listen to the story and fill in the blanks.

Is there an _____ problem? Some people think so. Using _____ is bad because it makes _____ air.

In addition, there might not be much oil in _____ years. One _____ answer is energy from wind.

How does wind power work?

Special _____ change wind into electricity. They are _____ wind turbines. These big, heavy machines can weigh _____ tonnes and stand 130 meters. Sometimes you can see a large group of turbines in the _____ or near the sea. That is called a wind _____ .

Many wind turbines have three long sticks called _____. When the wind _____ , the blades turn.

When blades turn, they move a _____ stick called a shaft. The shaft turns a generator which makes _____ .

One large turbine can produce _____ power for about _____ homes for a year. That number depends on the size of the turbine and _____ of wind.

Not _____ thinks wind turbines are good. Turbines make a lot of _____ and kill a lot of birds. They also cost a lot of _____. One big turbine costs about _____ dollars. Wind turbines don't save money. Often, people in a city with a wind farm _____ more for electricity, not less.

There is one _____ problem. Wind power cannot _____ other energy, like coal or oil. That is because wind power does not _____ work. When the wind stops, there is no electricity. That means a city needs _____ way to make power. Cities that _____ wind power have to purchase another _____ of energy.

Wind power _____ like a good idea, but today the cost is high and its _____ are limited.

Synonym match

Match the words or phrases.

- | | |
|------------|---------------|
| 1. dirty | a. create |
| 2. change | b. polluted |
| 3. move | c. dimensions |
| 4. produce | d. convert |
| 5. size | e. rotate |

True or false

Choose the correct answer.

1. Using oil pollutes the air. T or F
2. Some turbines are 300 metres high. T or F
3. One turbine can make electricity for 300 homes. T or F
4. Wind power can't replace oil. T or F
5. Most turbines have four blades. T or F

Wind Energy

Anagrams

Move letters. Make a new word.

LEDBAS _____

URESIOS _____

TIEYLCITECR _____

NISEEFBT _____

RNSUETIB _____

SRCEOUE _____

ESL discussion questions

Talk about the story

-
1. What kind of story is this?
 2. What is wind energy?
 3. How much does a turbine cost?
 4. What are the pros and cons of wind power?
 5. Why, do you think, wind energy is so popular?
 6. What are some other forms renewable energy?
-

Writing practice

Put the words in the correct order.

1. power / purchase / wind / energy / to / have / source / of / Cities / that / buy / another
-

2. Using / air / it / dirty / because / is / makes / oil / bad
-

3. costs / big / dollars / turbine / about / million / 4 / One
-

4. When / wind / blades / the / moves / the / turn
-

5. for / One / large / about / year / 300 / turbine / a / homes / enough / for / power / can / produce
-