# 12. Sınıf İngilizce Okuma Metni: The Power of the Wind

WORKSHEET

Ünite/Tema: Alternative Energy · Seviye B2 · 283 kelime · dersimizingilizce.com

Name: _____ Class: _____ Date: _____

## A Read the text and choose

Read the text. Then choose the best answer. *(Metni okuyun ve her soru için en uygun seçeneği işaretleyin.)*

For thousands of years, people have used the wind to sail ships and grind grain. Today, the same natural force is being used to generate electricity on a huge scale. A modern wind turbine works on a simple principle: the wind turns the blades, the blades spin a shaft, and a generator inside the turbine converts that movement into electrical energy. The largest offshore turbines now have blades longer than a football pitch, and a single turbine can supply electricity to thousands of homes.

Wind power has obvious advantages. Once a turbine is built, the fuel is free and will never run out. Unlike coal or gas power stations, turbines do not release carbon dioxide while they operate, so they help countries reduce the emissions that cause climate change. In Turkey, regions such as the Aegean coast and the area around the Sea of Marmara are particularly windy, and wind farms have become a familiar sight on their hills.

However, wind energy is not without its critics. The most frequent complaint is that the wind does not always blow, which means electricity companies need to store energy or have other sources ready. Some local residents object to the noise of the blades or to the way turbines change the landscape. Environmental groups have also warned that badly located wind farms can be dangerous for migrating birds and bats. Engineers are working on solutions: better batteries, careful planning of sites, and even systems that stop turbines automatically when large flocks of birds approach. Most experts agree that wind alone cannot meet all our energy needs, but combined with solar power and other renewable sources, it can play a central role in a cleaner future.

1. What converts the movement of the blades into electricity?

a) The shaft b) The tower c) The generator d) The battery

e) The wind itself

2. Which is an advantage of wind power mentioned in the text?

a) It works best on calm days.
b) Its fuel is free and will not run out.
c) It needs no planning.
d) It is completely silent.
e) Turbines are cheap to build.

3. What is the most frequent complaint about wind energy?

a) The wind does not always blow.
b) Turbines are too small.
c) It produces carbon dioxide.
d) It is only possible at sea.
e) It makes electricity too cheap.

4. How are engineers trying to protect birds?

a) By painting the blades
b) By building turbines in cities
c) By making turbines smaller
d) By moving birds to other areas
e) By stopping turbines automatically when flocks approach

5. What is the writer’s overall view of wind energy?

a) It should replace all other energy sources.
b) It is too dangerous to use.
c) It is an important part of a mix of renewable sources.
d) It is useful only in Turkey.
e) It is an outdated technology.

## B Vocabulary

Match the words from the text with their Turkish meanings. *(Metindeki kelimeleri Türkçe anlamlarıyla eşleştirin.)*

1. generate
2. blade
3. offshore
4. emission
5. resident
6. migrating

a) göç eden
b) sakin, bölgede yaşayan
c) üretmek
d) salınım, emisyon
e) pervane kanadı
f) açık deniz

## C Complete the sentences

Complete the sentences from the text. Use the words in the box. *(Metindeki cümleleri kutudaki kelimelerle tamamlayın.)*

**agree • needs • object • operate • prices • scale**

1. The same natural force is being used to generate electricity on a huge _____ .
2. Turbines do not release carbon dioxide while they _____ .
3. Some local residents _____ to the noise of the blades.
4. Wind alone cannot meet all our energy _____ .

## D Your turn

Write a short answer based on the text. *(Metne dayanarak kısa bir cevap yazın.)*

1. Would you support building a wind farm near your town? Write a short paragraph giving your opinion and reasons.