

## Reading Lesson

### A1 Science: The Energy of a Small Town

#### Reading

Read the text about energy sources. What do you think is the energy of the future?

#### The Energy of a Small Town

Georgetown, Texas, is a normal small town in many ways. There is a pretty town square with beautiful 19th-century buildings. There are schools, a library, movie theaters, and stores. People go swimming, walk their dogs, go out to eat, or go to the movies like people everywhere, but Georgetown is different from other towns and cities in an important way.

Georgetown uses 100% clean energy. The town does not get its electricity from petroleum (oil and gas). Georgetown's electricity comes from solar and wind power. The solar energy comes from a solar installation in West Texas, and the wind energy comes from a big wind farm in North Texas. The energy enters the state's energy system, and Georgetown buys the energy from the state. Solar and wind energy work well for Georgetown because there is always a lot of sun and wind in Texas!

Petroleum is expensive, and it causes pollution. Solar and wind energy are less expensive, and they are clean forms of energy. Many people think that petroleum is the energy form of the past, and solar and wind energy are the energy forms of the future.

**power** (n): electricity for houses, offices, etc.

**installation** (n): a building or a structure

**state** (n): a region of a country; for example, Texas or California in the US



#### Vocabulary

Match the words to the definitions.

- |                      |  |
|----------------------|--|
| 1. energy _____      | a energy from the wind                         |
| 2. solar power _____ | b oil used to make gasoline and other products |
| 3. wind power _____  | c chemicals that make the air and water dirty  |
| 4. petroleum _____   | d power from oil, gas, wind, or the sun        |
| 5. pollution _____   | e energy from the sun                          |

## Reading Lesson

### Comprehension

Scan the text and complete the information as quickly as possible.

1. Location of Georgetown: \_\_\_\_\_
2. Percentage of clean energy in Georgetown: \_\_\_\_\_
3. Types of energy in Georgetown: \_\_\_\_\_ and \_\_\_\_\_
4. Problems with petroleum: It's \_\_\_\_\_ and it causes \_\_\_\_\_.
5. Solar and wind: \_\_\_\_\_ forms of energy

### Thinking

Are solar and wind energy good options for your town or city? Why or why not?