

Name: \_\_\_\_\_

## Energy Sources: Wind



The energy obtained from the wind is called wind power or wind energy. The term wind comes from the Latin word *aeolicus* which means belonging to Eolo, the god of winds in Greek mythology.

Large turbines convert the kinetic energy generated by the wind effect into clean and renewable electricity. To maximize energy production, they put many turbines together in complexes called wind farms.

### Advantages of wind farms



In addition to producing clean and renewable energy, wind farms can be installed in desert areas, near the seacoast, or on arid and very steep slopes.

### Old power source

Wind power has been used for centuries with windmills. Windmills were used to crush grains and to pump water for irrigation of crops. However, the industrial production of electric power using wind power started in the eighties of the last century.

### Por favor, contesta las siguientes preguntas:

1. Why is the energy produced by the wind called wind power?

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2. What are wind farms?

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3. Why do we say that the use of wind energy is not new?

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4. When did industrial wind power production begin?

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5. Name five advantages of wind energy.

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