



What are the Advantages and Disadvantages of Wind Power?

You will watch a video about wind turbines, and then research, write and present a report on how efficient wind turbines are at generating energy.

You will use:

Digital

- [Wind Turbines video](#)

<https://www.twigsciencetools.com/video/wind-turbines-VVNFTIRXRTlwNTk5>

1. Think about the following questions.

- Is wind power a renewable or nonrenewable energy source?
- How do we get electricity from wind power?
- Why might wind power be unreliable?
- What are the disadvantages of wind power?



2. Play the [Wind Turbines video](#).

Answer the following questions in complete sentences.



- How tall are wind turbines?
- How do wind turbines work?
- What are the advantages of wind power?
- What are the disadvantages of wind power?



3. Imagine that you have been hired as an engineer working on a proposal to set up or not set up a new wind farm in your community.

Your job is to write a one page report assessing how efficient wind farms are at generating electrical energy. Then highlighting the advantages and disadvantages of wind power. The report should conclude with a recommendation as to whether building a wind farm is a good or bad idea.

- Paragraph 1—How wind farms work
- Paragraph 2—Advantages of wind power
- Paragraph 3—Disadvantages of wind power
- Paragraph 4—Recommendation