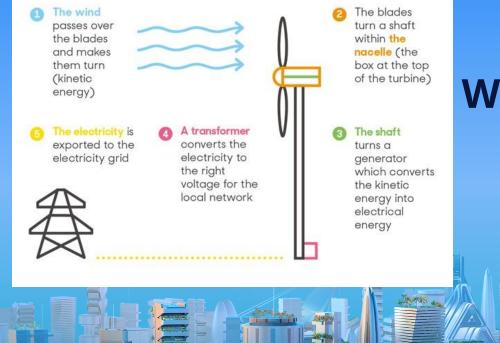
Energy Resources -Wind Samantha Iwashita 3/5/20 4th Per.

Key Terms

- wind the horizontal movement of air from an area of high pressure to an area of lower pressure.
- renewable resource a resource that is naturally replaced in a relatively short time.
- wind farms areas where a large amount of wind turbines produce electricity.



Wind Turbine Diagram

Pros and Cons

Pros

- Wind energy is free and does not cause pollution
- Rapid growth in usage of wind energy with lots of potential
- Reduces people's dependence on the use of fossil fuels
- Doesn't disrupt farmland operations (where they are usually built)
- Wind turbines are space efficient

Cons

- It is not ideal for all locations
- Expensive to build and set up
- Wind turbines can be a threat to wildlife, especially birds
- Severe storms and high winds can damage parts, which can potentially fall and risk the safety of people in the surrounding area.
 Noisy

Best Locations to Build Wind Turbines

Coastal areas
Tops of rounded hills
Open plains
Gaps in mountains/Valleys
Offshore in bodies of water like oceans or lakes
Places where wind is strong and reliable

Mini Quiz

- 1. True or False Wind is the horizontal movement of air from an area of high pressure to an area of lower pressure.
- 2. Why is wind counted as a renewable resource?
- 3. Name 3 of the best locations for building wind turbines.
- 4. Name one pro of wind energy.
- 5. Name one con of wind energy.