

# Chapter:4

(Interpret Wind Energy Generation)

Lecture-1

# What is wind energy generation?

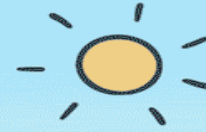
- Image result for Interpret Wind Energy Generation
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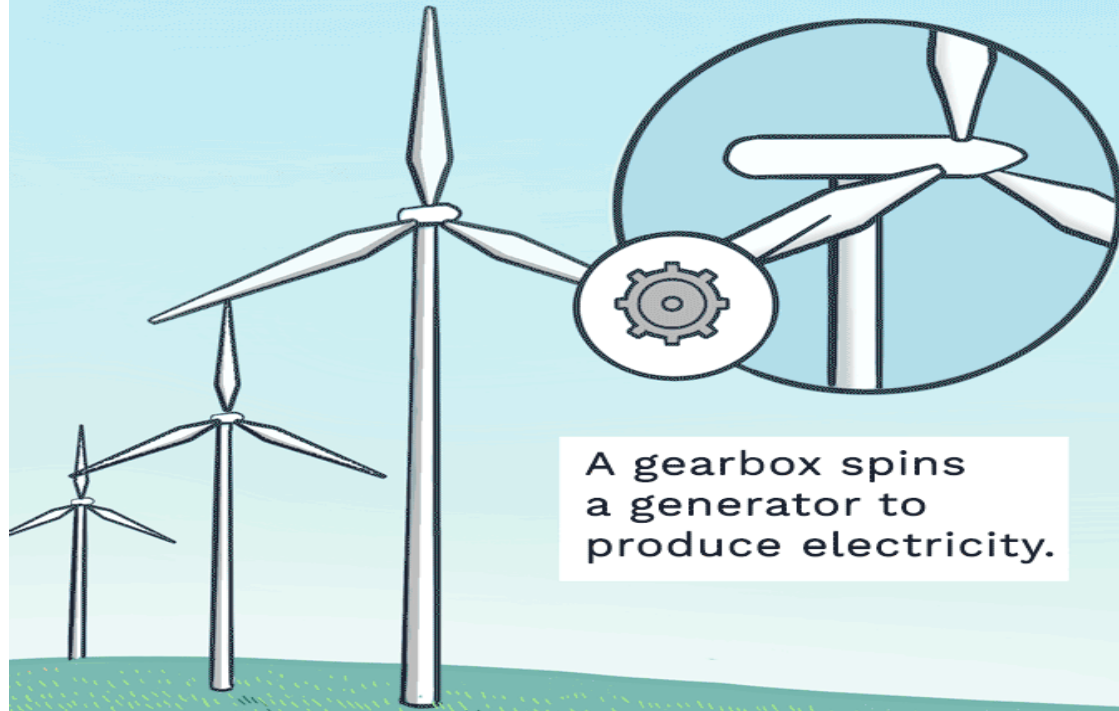
# How Does Wind Energy Work?

Wind blows past turbines, rotating their blades.

The kinetic energy is transformed into mechanical energy.



Electricity can then be stored or transported to grid for distribution.



Transformer converts electricity to appropriate voltage.

A gearbox spins a generator to produce electricity.

