

# Does wind power make noise but not wind



## Overview

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Wind turbines most commonly produce some broadband noise as their revolving rotor blades encounter turbulence in the passing air. One concern about wind turbines is that they are noisy, but the Department of Energy notes that at a distance of 750 feet, they make about as much noise as a household fridge. Pixabay Wind power has a long history., the Persians were using windmills to pump water and grind grain. One of the few cons of wind power is its purported capacity to generate a constant yet subtle noise. People seem quite split on the issue. Some say the noise is minor and dissipates after a few hundred meters, while others say it carries on for miles and disturbs their quality of life. ) and the circumstances and sensitivity of the individual who hears it (often referred to as the "receptor").

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### Can wind turbine noise affect your health? , Business Norway

Do wind turbines cause noise pollution? Yes. While noise levels are moderate, wind turbine noise pollution can cause annoyance in rural settings where ambient sound is low. The most ...

### How Loud Are Wind Turbines? (2025) , Today's Homeowner

Wind turbines make noise; every moving object does. It's also important to note that the blade tip speed can exceed 100 miles per hour, meaning the blades are sure to make some noise.



### Two Myths and One Truth About Wind Turbines

One concern about wind turbines is that they are noisy, but the Department of Energy notes that at a distance of 750 feet, they make about as much noise as a household fridge.

## Wind Turbine Noise: a simple

## statement of facts

Wind turbine blades produce airborne pressure waves (correctly called sound but which, when unwanted, is called noise) and ground-borne surface motion (vibration). 2.



## How Loud Is A Wind Turbine? , GE News

Because wind turbines are such a great source of clean, renewable energy, they're usually greeted with a great deal of enthusiasm. But some complaints have been made that they can cause ...

## What Noise Does Wind Make and How Is It Created?

Wind is the movement of air across the Earth's surface. The noise we associate with wind is not the sound of air molecules moving freely past each other, as the air itself is silent.



## Do Wind Turbines Make Sound?

Operating wind turbines can create several types of sounds, including a mechanical hum produced by the



generator and a "whooshing" noise produced by the blades moving through the air.

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## FACTS ABOUT WIND ENERGY AND NOISE

Wind turbines most commonly produce some broadband noise as their revolving rotor blades encounter turbulence in the passing air. Broadband noise is usually described as a "swishing" or "whooshing" ...



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## Fact Sheet: Wind Energy and noise

The amount of noise generated by wind turbines is influenced by multiple factors: atmospheric conditions, whether the turbine is upwind or downwind from the person perceiving the sound, the ...

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## Wind Energy Myths: What the Science Actually Says

These concerns have spawned the concept of "Wind Turbine Syndrome," a

collection of symptoms attributed to turbine exposure. Extensive scientific and economic research fails to support

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