

# How old are wind turbines

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In the late 1800s and early 1900s, small wind-electric generators (wind turbines) were also widely used. The number of wind pumps and wind turbines declined as rural electrification programs in the 1930s extended power lines to most farms and ranches across the country.

Plan of the wind turbine for power generation by Josef Friedlaender before the electrical exhibition in the Vienna Prater (Rotunde) in 1883. Charles Brush's windmill of 1888, used for generating electricity. Wind power has been used as long as humans have put sails into the wind.

A wind turbine is a device that converts the kinetic energy of wind into electrical energy. As of 2020, hundreds of thousands of large turbines, in installations known as wind farms, were generating over 650 gigawatts of power, with 60 GW added each year. [1]

Wind is a growing source of reliable and clean energy around the world and a crucial part of the journey to net zero. But when did people first start to harness the power of the wind? When was the first wind turbine created? What did wind energy look like and how has it evolved?

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