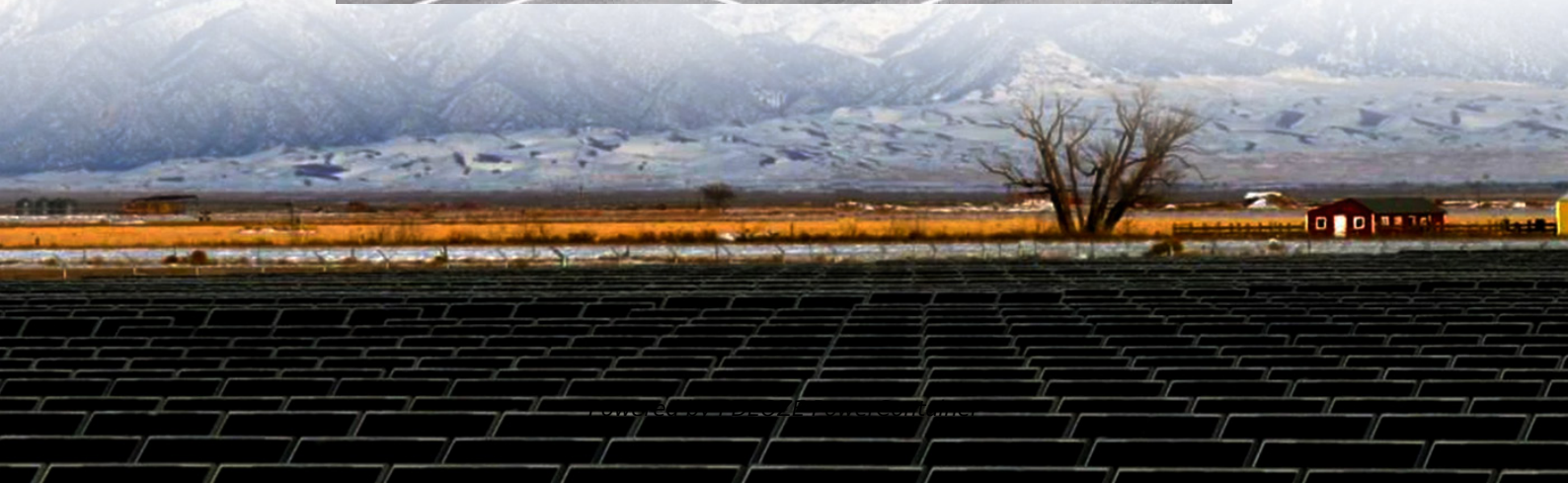


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Total wind power capacity of communication base stations in the Netherlands



Overview

How much wind power does the Netherlands have in 2023?

Wind power accounted for 18% of the Netherlands's total installed power generation capacity and 22% of total power generation in 2023.

How many mw can a wind turbine supply in the Netherlands?

Onshore wind turbines must be able to supply 6,000 megawatts (MW) of energy by 2020. According to the Dutch government's energy agreement for sustainable growth, each province accounts for part of this; At the end of 2018, the capacity of usable onshore wind energy in the Netherlands was 3,382 MW. An average wind turbine provides about 3.5 MW.

What is the wind power market in the Netherlands?

According to GlobalData, wind power accounted for 18% of the Netherlands's total installed power generation capacity and 22% of total power generation in 2023. GlobalData uses proprietary data and analytics to provide a complete picture of this market in its Netherlands Wind power Analysis: Market Outlook to 2035 report. [Buy the report here.](#)

Why is wind energy important in the Netherlands?

The Dutch government's climate plans state that by 2030 at least 27 percent of the energy must come from sustainable sources and that our energy supply has to be CO₂-free by 2050. Wind energy, both on land and at sea, plays an important role in achieving these goals. [Read more about wind energy in the Netherlands below.](#)

Will there be a 6 GW onshore wind power in the Netherlands?

The growth rate in 2020 has increased compared to last year, 537 MW new onshore wind power was installed. The growth, however, remains hampered because of the spatial and permit issues and opposition by local residents. More than 6 GW onshore wind power seems unlikely in the Netherlands.

Why is the Dutch wind energy sector growing?

The Dutch wind energy sector is therefore growing strongly, both on land and at sea. Offshore wind energy is essential for the future energy supply and sustainability of the Netherlands. Despite challenges such as ecological effects and rising costs, the sector continues to innovate and grow.

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Read all about onshore wind energy, offshore wind energy and the role of wind energy in the climate plans of the Dutch government.

Oct 4, 2023 · Author Ruud Oerlemans, Rijksdienst Voor Ondernemend Nederland (Netherlands Enterprise Agency). The Netherlands. In 2022, the goal to reach 6 GW in onshore wind ...

Dec 10, 2024 · Development of wind energy capacity in the Netherlands (total, onshore, by province, and offshore) between 1990 and 2023. Targets 2020 per province and offshore target 2023.

The Global Wind Atlas is a free, web-based application developed to help policymakers, planners, and investors identify high-wind areas for wind power generation virtually anywhere in the ...

Aug 8, 2025 · Netherlands annual wind capacity additions 2018-2022 and average annual additions 2023-2025 - Chart and data by the International Energy Agency.

Apr 3, 2025 · In 2024, the total installed wind power capacity in the Netherlands was around 11.7 gigawatts, an increase compared to the previous year.

Mar 22, 2022 · THE NETHERLANDS TABLE 1. KEY NATIONAL STATISTICS 2020: THE NETHERLANDS Total (net) installed wind power capacity* Total offshore capacity New wind ...

This share is expected to increase significantly. In 2023, the offshore wind farms HKZ and HKW will be commissioned with 2.3 GW. For offshore, the target is to achieve a capacity of 21 GW by 2030, which corresponds to ...

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