

Power generation range of green base stations in the Netherlands



Overview

This table contains information about the Dutch production of renewable electricity, the number of installations used and the installed capacity of these installations.

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Energieopwek

The amount of electricity produced by solar power depends on the intensity of the sun, which varies during the day and depends on factors such as cloud coverage.

Transmission capacity in the range of 22 power plants in the North

In a collaboration with Hitachi Energy and Petrofac and consortia of GE/SMOP and GE/McDermott TenneT awarded multiyear agreements to connect eight offshore wind farms in the



Netherlands' renewable power capacity to reach 111.7GW in 2035

As solar PV and wind power continue to dominate growth, the country is firmly positioned to strengthen its renewable base and advance towards a climate-neutral power system by 2050.

Renewable electricity: production and capacity , CBS

As of reporting year 2021, electricity production from solid and gaseous biomass used in installations above a specific power threshold will only be taken into account if the biomass used





Moerdijk power station

To access additional data, including an interactive map of gas-fired power stations, a downloadable dataset, and summary data, please visit the [Global Oil and Gas Plant Tracker](#) on the [Global Energy](#)

Electricity sector in the Netherlands

Renewable energy sources, such as biomass, wind power, and solar power, produce 38% of the total electricity. One nuclear plant in Borssele is responsible for around 3% of total generation. [More](#)



[Top 54 Green Energy startups in Netherlands 2026](#)

Greener Power Solutions supplies temporary on- and off-grid electrical energy by means of mobile batteries in an independent network or combination with other energy sources.

The Netherlands' Green Transition

Without sufficient grid infrastructure or hydrogen storage for large amounts of new wind or solar power, and with limited nuclear power, the Netherlands today remains dependent on gas and liquefied



Energy figures , Eneco

Energy presented in the most accurate figures about our energy sources, production capacity and actual production. The figures for Other (MW) include shore power and battery storage. Period covered: 1

In 2024, for the first time in the Netherlands, more than half of the

In 2024, for the first time, more than half of all electricity generated in the Netherlands came from renewable sources such as wind, sun and biomass. Despite this milestone, a significant



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