

German wind and solar power generation data



Overview

Across the EU, photovoltaics surpassed coal-fired power generation for the first time in 2025. Wind power was the strongest net electricity producer in Germany, although production was 3.9 percent, as in the previous year. Source: FA Wind und Solar 745 new onshore wind turbines with a capacity of 3,251 MW were newly installed in 2024. Image: Fabrizio Bensch/REUTERS Germany made a notable shift toward renewable energy sources last year, according to a report from the. The main sectoral emissions trends were as follows: greenhouse gas emissions increased in the buildings and transport sectors, while they declined significantly in industry due to falling production.

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Germany Electricity Generation Mix 2025 , Low-Carbon Power Data

Wind power took first place as the strongest net electricity producer, followed by photovoltaics, which increased its production by 21 percent in 2025 and overtook lignite for the first time.

Wind and solar benchmarks for a 1.5°C world

Key findings By 2030, Germany's wind and solar generation must more than triple from 2022 levels, with wind capacity more than doubling and solar capacity almost quadrupling. Rollout projections show ...



German Public Electricity Generation in 2025: Wind and Solar Power ...

Across the EU, photovoltaics surpassed coal-fired power generation for the first time in 2025. Wind power was the strongest net electricity producer in Germany, although production was ...

Energy-Charts

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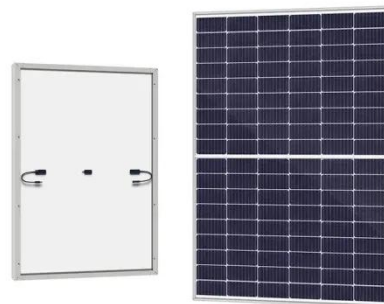


Germany Electricity Generation Mix 2025 , Low-Carbon Power Data

Germany's electricity mix includes 29% Wind, 22% Coal and 16% Solar. Low-carbon generation peaked in 2019.

State of the Energy Transition in Germany: Annual Review 2025

Power generation 2025 Renewable power generation rose by around 2 percent, covering 55.3 percent of electricity demand in 2025. The main drivers were strong photovoltaic expansion and ...



Wind and solar power drive Germany's renewable energy



surge

Germany made a notable shift toward renewable energy sources last year, according to a report from the Federal Network Agency released on Friday. Renewable energy accounted for 59% ...

Statistics Germany , BWE e.V.

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