

How much wind energy will be installed in 2025?

Loading... The 2025 Global Wind Report reveals record growth in wind energy, with 117 GW of new capacity installed in 2024. While highlighting challenges like policy instability and market fragmentation, the report forecasts significant expansion, with 981 GW of new capacity expected by 2030.

How has the world's wind power sector changed in 2025?

The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. A total of 72,2 gigawatts (GW) of new capacity were added between January and June 2025, following 44,1 GW installed in the first half of the previous year.

What is the global wind report 2025?

As we enter a new era in renewable energy, the Global Wind Report 2025 serves as a beacon of hope and a call to action for the global community. The journey of wind energy has been nothing short of remarkable, evolving from a niche technology to a mainstream source of power that is now integral to our

Why should we invest in wind power in 2025?

At the start of the year, we identified the need for continued investment in onshore and offshore wind, which have long driven renewable energy growth. In 2024, global wind capacity additions reached around 125 GW, and this momentum is expected to continue into 2025.

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The Global Wind Report -2025 represented by Global Wind Energy Council (GWEC) gives an overview on the wind energy industry in 2024. Compared to 2023, wind power production ...

The Data and the Story - Wind in 2024 2024 marked yet another record year for wind energy with 117 GW of new installations worldwide. Looking beyond the marginal increase from last ...

Regional cooperation on offshore wind is gaining traction. At the 46th ASEAN Summit held in Malaysia in 2025, government-linked energy companies from Singapore, Malaysia and ...

Among that, the installed capacity of solar power surged 35 percent to 1,200 GW, and that of wind power climbed 23 percent to 640 GW from a year earlier, making them the fastest ...

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For the first time, the Report has conducted an annual forecast of global new energy generation capacity, noting that global wind power and photovoltaic generation capacity will increase ...

Wind power generation, 2025 Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

Synthesis of Ember's key findings from 2025, tracing how clean electricity expanded, where new growth centres emerged and how technologies like batteries and electrotech reshaped ...

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