

How much wind power generation in the Philippines

While the Marcos administration has signed multiple wind energy contracts since 2022, data from the DOE shows that these have yet to translate into new installed capacity as of April 2025.

When it comes to existing renewable energy sources in the country (i.e., geothermal, hydropower, biomass, solar, and wind), wind power has a total share of approximately 5.4%.

The Philippines is home to abundant sources of renewable energy (RE) such as biomass, geothermal, solar, hydro, ocean and wind, that can be harnessed and converted through a range of technologies ...

The potential offshore wind power capacity of the Philippines is 178 GW. The growing electricity demand due to the increasing population and growing standard of living means that energy ...

Despite these successes, wind accounts for only a small portion of the country's total power generation. Only 14.7% of the country's power comes from wind, solar and other renewable sources.

The Philippines: Wind electricity generation, percent: The latest value from 2023 is 0.93 percent, unchanged from 0.93 percent in 2022. In comparison, the world average is 5.36 percent, based on ...

Wind power in the Philippines refers to the harnessing of wind energy for electricity generation, mainly through onshore wind farms concentrated in wind-rich northern regions like Ilocos Norte, with total ...

While the Philippines shows strong offshore wind potential, challenges remain in permitting, grid infrastructure, and project financing, all of which could hinder progress if not ...

The Philippines generates wind-powered energy from two wind power plants across the country, totaling 51.9 MW. The country's wind energy capacity has shown a fourfold increase since ...

Overview
Wind farms under development
State of wind farms
Wind potentials in the country
Operating wind farms
The Balaoi and Caunayan Wind Farm is an onshore wind farm in Pagudpud, Ilocos Norte that is currently under construction by AC Energy in partnership with UPC Renewables. AC Energy is a Philippines-based power generation company, while UPC Renewables is an independent renewable energy company headquartered in Hong Kong. The construction began in 2021 and upon completion, it will become the biggest wind farm in the Philippines by power output and the second wind farm of AC ...

Wind power accounted for 2% of the Philippines's total installed power generation capacity and 1% of total power generation in 2023.



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