

# Installed wind and photovoltaic power generation capacity

For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly from utility-scale projects, while offshore ...

With the new projects online, renewables (including wind, solar, geothermal and hydropower) and battery storage now make up 30% of the country's large-scale power generating ...

Wind, nuclear, hydro, and solar together account for more than one-third of capacity. 468,582 MW of new generation capacity is under development in the United States, which is comparable to the total ...

Solar and wind accounted for 91% of new US electrical generating capacity added in the H1 2025, according to data just released by the Federal Energy Regulatory Commission (FERC), ...

Renewable power capacity increased by 585 GW (+15.1%) in 2024. Over three-quarters of the capacity expansion was due to solar energy which witnessed an increase of 452 GW (+32.2%); this was ...

Solar has become the largest renewable source of installed power capacity in the United States, surpassing wind after 27 consecutive months as the leading source of new grid additions, ...

Pumped storage (note that this is included in total hydropower capacity, but not in total renewable capacity)  
Marine energy Wind energy Onshore wind energy Offshore wind energy Solar ...

With 1"173"581 Megawatt of installed capacity, the world has reached a new record in total installations although it has fallen short of expectations and forecasts for 2024. It is expected ...

New installations of generating capacity support the increase in our renewable generation forecast. Wind and solar developers often bring their projects on line at the end of the calendar year.

This report uses data from the EIA to analyze solar and wind capacity and generation over the past decade (2014 to 2023) in all 50 states and the District of Columbia.

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