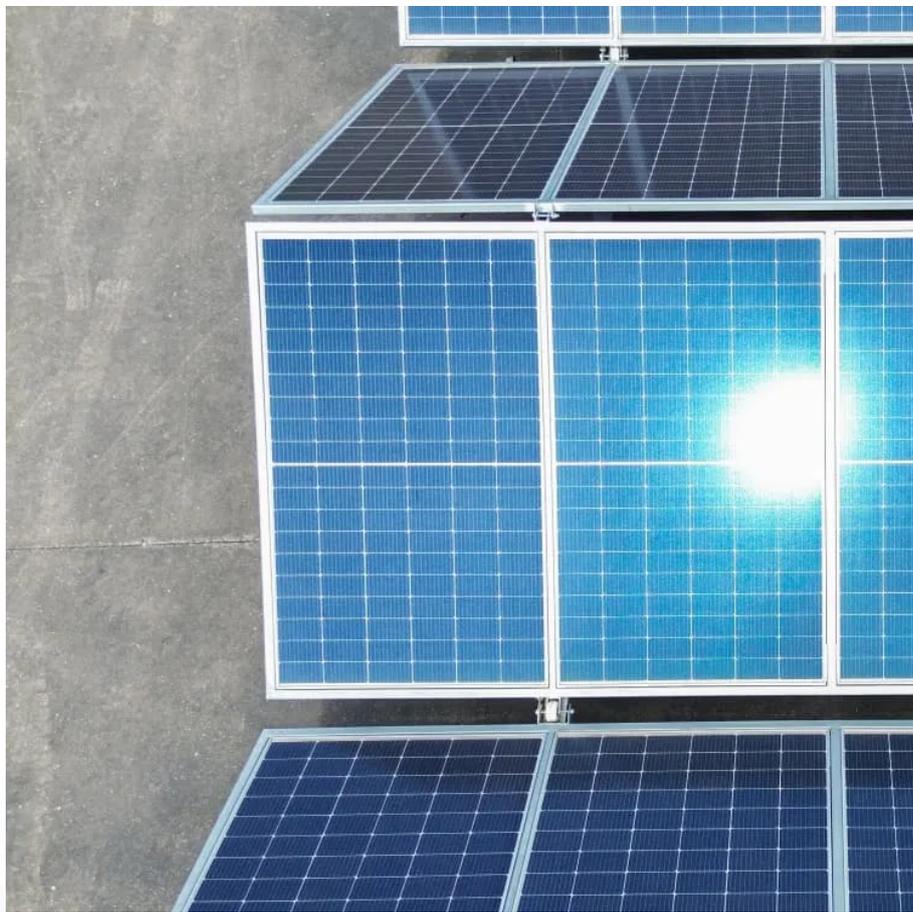


US wind solar storage and transmission new energy





Overview

What percentage of US electrical generating capacity is solar and wind?

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), which was reviewed by the SUN DAY Campaign of data.

How much energy did the US add in 2024?

The U.S. added 48.2 GW of utility-scale solar, wind, and battery storage capacity in 2024. capacity in 2024 than in 2023. • Solar and batteries accounted for 89% of new clean energy deployment. of new capacity added. New natural gas capacity made up just 5% of the country's new power capacity.

What's going on with solar and wind energy in 2023?

The queues indicate particularly strong interest in solar, battery storage, and wind energy, which together accounted for over 95% of all active capacity at the end of 2023.

How much solar power does the United States have?

Installed solar capacity in the U.S. now totals about 220 GW, enough to provide over 7% of the nation's electricity. This continues a decade-long trend of rapid growth in solar power. Battery storage nearly doubled in 2024, with total installed capacity reaching almost 29 GW — and projected to grow another 47% in 2025.



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[Grid connection backlog grows by 30% in ...](#)

Apr 10, 2024 · The queues indicate particularly strong interest in solar, battery storage, and wind energy, which together accounted for over 95% ...

[FERC: Solar + wind made up 91% of new US power ...](#)

Sep 4, 2025 · Solar and wind accounted for 91% of new US electrical generating capacity added in H1 2025, according to data just released by FERC.



New Interagency Study Finds Further Expansion of Renewable Energy

Jan 14, 2025 · Out of seven deployment scenarios explored in the study, the three central scenarios find that 51-84 GW of renewable energy would be deployed on federal lands by ...

[US energy panel approves rule to expand transmission of ...](#)

May 14, 2024 · Federal energy regulators have approved a rule to expand the amount of renewable energy such as wind and solar power that is transmitted to the electric grid.



[Solar, battery storage to lead new U.S. generating capacity ...](#)

Feb 24, 2025 · We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator ...



[100% Clean Electricity by 2035 Study, Energy Systems ...](#)

Nov 10, 2025 · As modeled, wind and solar energy provide 60%-80% of generation in the least-cost electricity mix in 2035, and the overall generation capacity grows to roughly three times ...



US installs 11.7 GW of clean power in record Q3, Renewable Energy ...

6 days ago · US clean energy developers installed 11.7 GW of utility-scale solar, storage and onshore wind during the third quarter of 2025, marking a 14% rise from a year ago and the ...



Cleanview January 2025 report

Feb 11, 2025 · All capacity data--including solar capacity--in this report is reported in MWac, not MWdc. This enables comparison across technologies (e.g. solar, wind, batteries, gas turbines, ...



US energy panel approves rule to expand ...

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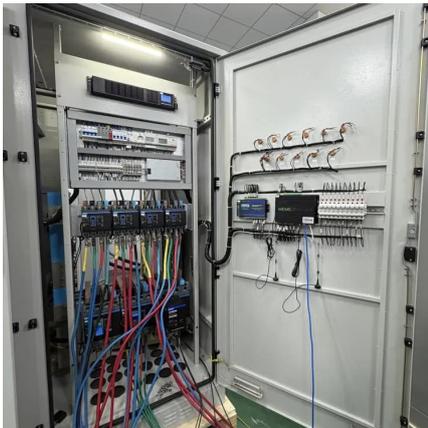
New Interagency Study Finds Further ...

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[Growth of Renewable Energy in the US , World Resources ...](#)

Feb 21, 2025 · After several record-breaking years, the U.S. clean energy sector faces a critical moment. Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024. ...



[FERC: Solar + wind made up 91% of new US ...](#)

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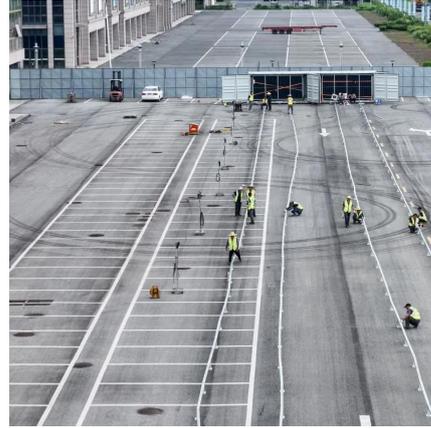
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