



Record of wind solar and energy storage construction





Overview

Solar and battery storage continue to set installation records, while wind energy has plateaued. Solar surpassed 2023's record installations in 2024, adding an estimated 39.6 gigawatts (GW) of capacity, compared to 27.4GW in 2023.

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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.

WASHINGTON, March 7, 2024 – The American Clean Power Association (ACP) released its Clean Power Annual Market Report today, highlighting a landmark year for U.S. clean energy with more capacity installed in 2023 than in any previous year. The industry added a total of 33.8 gigawatts (GW) of new.

And with a new federal administration creating roadblocks for leasing and permitting wind energy, freezing funding, and threatening to upend policies like the Inflation Reduction Act and Bipartisan Infrastructure Law, it may become even harder to make progress. Here, we take stock of recent.

The United States has reached a significant milestone in its clean energy journey in 2025, with wind and solar power installations hitting record levels in the first four months of the year. Over 12 gigawatts (GW) of new renewable energy projects have been brought online between January and April.



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Nearly 50 GW of new renewable capacity installed in 2024 'shatters records'

For overall clean-power installations, the fourth quarter of 2024 was the second-largest quarter on record, with developers connecting 18.9 GW of solar, wind and energy storage ...

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[Chart: The biggest clean energy projects built in the](#)

Here are the 25 biggest solar, wind, and battery-storage installations completed in the U.S. in 2024. Canary Media's chart of the week translates crucial data about the clean ...

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US Renewable Energy Sector Sets New Records in Wind and Solar ...

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Growth of Renewable Energy in the US , World Resources Institute

Solar and battery storage continue to set installation records, while wind energy has plateaued. Solar surpassed 2023's record installations in 2024, adding an estimated 39.6 ...



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New report: Wind & solar energy tripled in US over past decade

"Solar panels, wind turbines, electric vehicles and battery storage are benefiting people in all 50 states, providing the building blocks of a clean energy system free from dirty ...

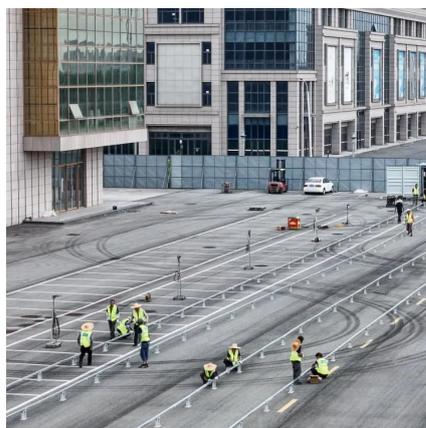
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Nearly 50 GW of new renewable capacity installed in 2024 ...

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The US smashed clean energy records last year. Can it keep up ...

In 2024, companies built 135 solar, wind, and storage facilities with 100 megawatts or more of capacity, continuing a trend of clean energy megaprojects around the country.

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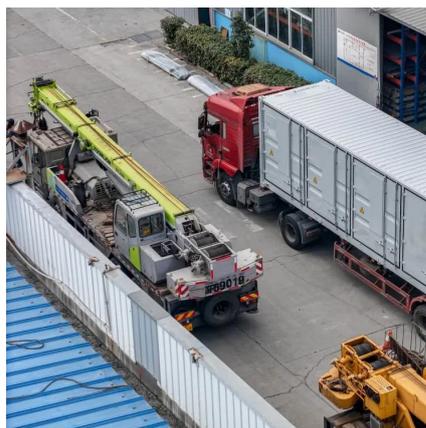
U.S. developers report half of new



electric generating capacity will

Battery storage, wind, and natural gas power plants account for virtually all of the remaining capacity additions for 2025. Developers could set a record for capacity additions if ...

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NEW REPORT: Record Year for U.S. Clean Power Installations ...

Solar, wind, and storage accounted for 77% of all new power capacity installed. Utility-scale solar installations soared to 19.6 GW, with utility-scale projects leading the ...

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Cleanview January 2025 report

This report was created using Cleanview's renewable energy tracking platform, which provides comprehensive monitoring of clean energy projects across the United States.

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US Wind and Solar Are Headed for a Record Year Despite Trump ...

The Trump administration has been slashing green energy incentives, freezing the construction of wind farms and ordering coal-burning power plants to keep running longer than ...

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