



Gw of solar capacity





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[Solar is 77.7% of new capacity added to U.S. grid in 2025](#)

The Federal Energy Regulatory Commission (FERC) released its Energy Infrastructure Update, highlighting grid-scale project additions through April 2025. Solar ...

[New solar plants expected to support most U.S. electric ...](#)

We expect U.S. utilities and independent power producers will add 26 gigawatts (GW) of solar capacity to the U.S. electric power sector in 2025 and 22 GW in 2026. Last year, ...



[Electricity generation from U.S. solar grows 28% year-over-year](#)

Utility-scale solar capacity reached 128.6 GW in March 2025, growing from 96.9 GW in March 2024, while small-scale solar, projects of 1 MW or less, reached 55.7 GW in ...



[Solar adds more new capacity to the grid in 2024](#)

The United States installed a record-breaking 50 gigawatts (GW) of new solar capacity in 2024, the largest single year of new ...



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

Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 ...



[US total solar capacity to reach 182 GW by end of 2026](#)

The US Energy Information Administration (EIA) says cumulative solar installations are expected to double from 91 GW to 182 GW from the end of 2023 to the end of 2026.



[Solar Market Insight Report 2024 Year in Review - SEIA](#)

Domestic module manufacturing capacity grew an unprecedented 190% year-over-year, from just 14.5 GW at the end of 2023 to 42.1 GW at the end of 2024 and surpassed 50 ...



[U.S. total solar capacity to double over three-year ...](#)



The Energy Information Administration said cumulative solar installations are expected to double from 91 GW to 182 GW from the end ...



[The U.S. installed record-breaking 50 GW of new ...](#)

The United States installed a record-breaking 50 GW of new solar capacity in 2024, the largest single year of new capacity added to ...

[Electricity generation from U.S. solar grows 28% year-over-year](#)

This growth represents a doubling of cumulative utility-scale solar capacity in the United States in just three years from 91 GW in year's end 2023 to 182 GW by the end of ...



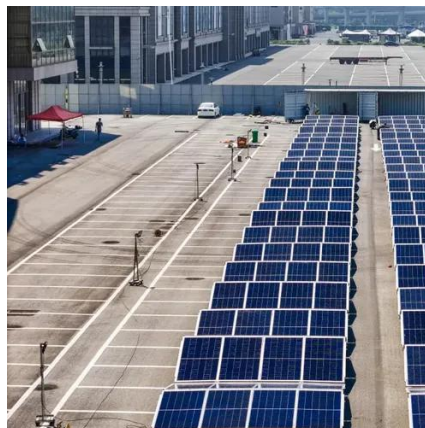
[Global solar installations surge 64% in first half of 2025](#)

In the first six months of 2025, the world added 380 GW of new solar capacity -- 64% higher than during the same period in 2024, when 232 GW were installed. In 2024, it took ...

[Solar Market Insight Report - SEIA](#)



Solar accounted for 58% of all new electricity-generating capacity added to the US grid through the third quarter of 2025, with more than 30 GW installed. Solar and storage, ...



[U.S. Solar Capacity Surpasses 250 GW Milestone in 2025](#)

U.S. solar capacity has surpassed 250 GW in 2025, with 30 GW of new installations added so far this year, highlighting rapid growth in America's clean energy sector.

[Electricity generation from U.S. solar grows 28](#)

Utility-scale solar capacity reached 128.6 GW in March 2025, growing from 96.9 GW in March 2024, while small-scale solar, projects of ...



[REPORT: Solar Adds More New Capacity to the Grid in 2024 ...](#)

The United States installed a record-breaking 50 gigawatts (GW) of new solar capacity in 2024, the largest single year of new capacity added to the grid by any energy technology in over two ...

[Installed solar energy capacity](#)



About this data Total solar capacity Total solar (on- and off-grid) electricity installed capacity, measured in gigawatts. This includes ...



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

In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW ...

[Renewable Capacity Highlights 2025](#)

Solar, in line with the previous year, accounted for the largest share of the global total, with a capacity of 1 865 GW. Renewable hydropower¹ and wind energy accounted for most of the ...



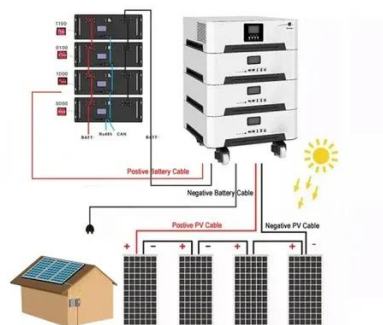
[The U.S. installed record-breaking 50 GW of new solar capacity ...](#)

The United States installed a record-breaking 50 GW of new solar capacity in 2024, the largest single year of new capacity added to the grid by any energy technology in ...

[Solar adds more new capacity to the grid in 2024 than any energy](#)



The United States installed a record-breaking 50 gigawatts (GW) of new solar capacity in 2024, the largest single year of new capacity added to the grid by any energy ...

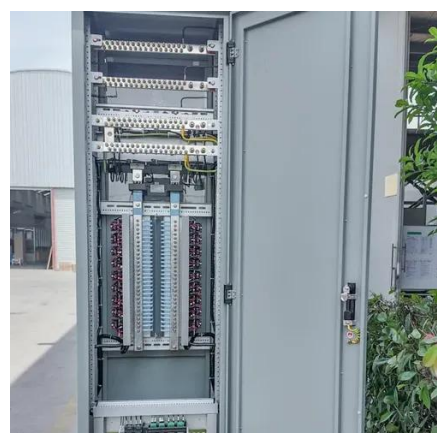


[Renewable Capacity Highlights 2025](#)

Renewable power capacity growth (GW)
Renewable power capacity increased by 585 GW (+15.1%) in 2024. Over three-quarters of the capacity expansion was due to solar energy ...

[Installed solar energy capacity](#)

About this data Total solar capacity Total solar (on- and off-grid) electricity installed capacity, measured in gigawatts. This includes solar photovoltaic and concentrated solar power.



[US total solar capacity to reach 182 GW by end of ...](#)

The US Energy Information Administration (EIA) says cumulative solar installations are expected to double from 91 GW to 182 ...

[New report: World installed 600 GW of solar in 2024, could be](#)



In 2024, China alone added 329 GW of solar capacity - accounting for 55% of global installations. With adjustments in China's market design in 2025, a temporary dip in ...

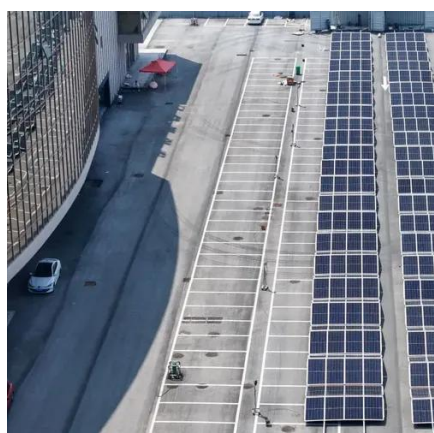
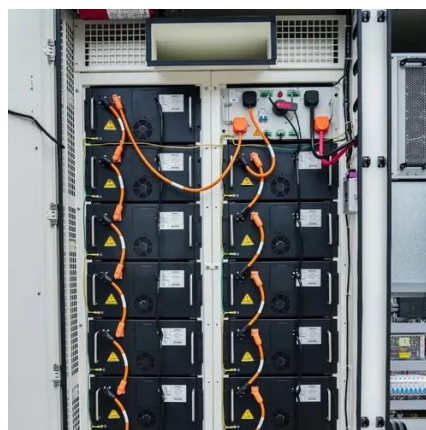


[REPORT: U.S. Adds 8.6 GW of New Solar Module Manufacturing Capacity](#)

The United States installed a record-breaking 50 gigawatts (GW) of new solar capacity in 2024, the largest single year of new capacity added to the grid by any energy ...

[United States Surpasses 50 GW of Solar Module Manufacturing Capacity](#)

The United States achieves over 50 GW solar module manufacturing capacity, meeting domestic demand through American factories operating at full capacity.



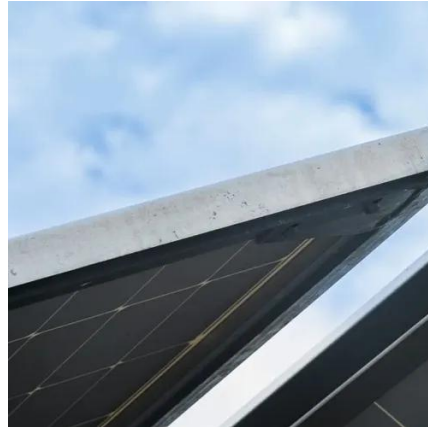
[Solar Market Insight Report - SEIA](#)

The U.S. solar industry installed 11.7 gigawatts (GW) of new capacity in Q3 2025, marking the industry's third-largest quarter on record and pushing total installations this year ...

[Report: U.S. Adds 11.7 GW of New Solar Capacity in Q3](#)



The U.S. solar power industry installed 11.7 GW of new generation in the third quarter of this year, according to a ...





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