

This year s solar power generation installed capacity



Overview

In 2024, generators added a record 30 GW of utility-scale solar to the U. We expect this trend will continue in 2025, with 32. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48. 6 GW of capacity was installed, the largest. 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.

This year s solar power generation installed capacity



Electricity generation from U.S. solar grows 28% year-over-year

Solar continues to dominate new electricity generation capacity added to the grid in the United States, according to the Energy Information Administration's (EIA) latest release of its Electric ...

FERC: For two years straight, solar leads new US ...

Solar delivered two-thirds of the new US power capacity in August, marking two years in which it led every month across all energy sources.

Modular design,
unlimited combinations in parallel
BUILT-IN DUAL FIRE PROTECTION MODULE



US installed nearly 26 GW of new generating capacity from January to

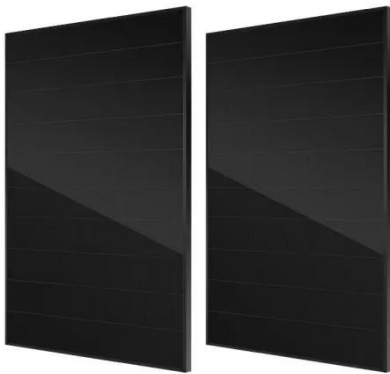
As it has for most of the past two years, solar continued to dominate new generation resources, accounting for 2.7 GW out of 4 GW brought online in August alone, and 19 GW -- about ...



Solar Market Insight Report 2024 Year in Review

The community solar segment installed 1,745 MWdc in 2024, marking its largest-ever year of capacity and a remarkable 35% increase over 2023. This growth was driven by record-breaking capacity

...



Installed solar energy capacity

Depending on the data, this can include standardizing country names and world region definitions, converting units, calculating derived indicators such as per capita measures, as well as ...

FERC: Solar + wind made up 91% of new US power generating capacity ...

Assuming current growth rates continue, the installed capacity of utility-scale solar is likely to surpass that of wind capacity this year and exceed that of coal by the end of next year.



Solar Market Insight Report Q3 2025



Photovoltaic (PV) solar accounted for 56% of all new electricity-generating capacity additions in the first half of 2025, remaining the dominant form of new electricity-generating capacity ...

The U.S. installed record-breaking 50 GW of new solar capacity in 2024

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 over two decades.

Lower cost
larger system

20Kwh

30Kwh



Verified Supplier



Solar Capacity by State 2026

This report summarizes the latest statistics on solar power capacity by state and highlights the top U.S. states in solar power generation.

Solar, battery storage to lead new U.S. generating capacity additions

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 of new utility ...



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