

New Solar Power in the United States



Overview

The Energy Information Administration (EIA) reported that, in 2024, the United States added a record 30 gigawatts (GW) of utility-scale solar to the grid, accounting for 61% of new capacity additions to the U. Other renewables include geothermal, waste biomass, wood biomass, and pumped storage hydropower. In our latest Short-Term Energy Outlook (STEO), we expect that U. From pv magazine USA November 2025 marked the 27th. Electricity generation by the U. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025.

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Solar energy on the rise in America

The Energy Information Administration (EIA) reported that, in 2024, the United States added a record 30 gigawatts (GW) of utility-scale solar to the grid, accounting for 61% of new ...

New solar plants expected to support most U.S. electric generation

In our latest Short-Term Energy Outlook (STEO), we expect that U.S. renewable capacity additions--especially solar--will continue to drive the growth of U.S. power generation over the next ...



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, combined, ...



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. ...



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

A full list of new utility-scale project additions added in March can be found [here](#). Electricity generation from solar continues to grow alongside capacity additions.

Solar power in the United States

In the first half of 2025, solar and wind together accounted for 91% of all new U.S. power generating capacity, continuing solar's dominance as the largest source of new electricity on the grid.



Planned Solar Projects in the United States

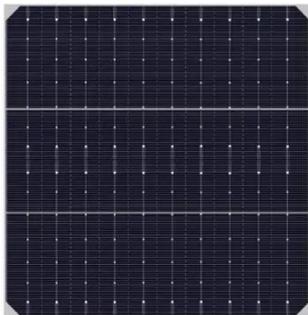
Here is a map of all utility-scale planned solar projects in United States. Hover over a planned solar project to view information on each project like their

name, capacity and construction date.



US solar capacity overtakes wind - pv magazine International

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, ...



New report reveals which states are leading the US solar race: 'The

In the first half of 2025, the U.S. added 13 GW of new solar module production capacity, with major new expanded facilities in Texas, Indiana, and Minnesota. That brings total domestic

Solar power generation drives electricity generation growth over the

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to

about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest ...



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