

The latest solar power generation in the United States

To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration



Overview

In 2025, utility-scale solar power generated 295.7 terawatt-hours (TWh) in the United States. Total solar generation that year, including estimated small-scale photovoltaic generation, was 388.

The latest solar power generation in the United States



[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

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

The clearest power sector generation winner in 2025 was solar, with 27 GW of new utility-scale capacity added to the grid. While this is down from 2024, solar still represented over half of all



Quarterly Solar Industry Update

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.

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



[Wind and solar generated a record 17% of U.S. electricity in 2025](#)



[Latest Solar Panel And Energy Advancements Across US](#)

This article explores recent advancements in solar panel technology, policies encouraging adoption, leading states, and prospects for solar energy in the US by 2025.

Over the past 20 years, electricity from wind power and utility-scale solar power has increased to 17% of generation in the United States compared to less than 1% in 2005.



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.

Department of Energy

Department of Energy



Spring 2025 Solar Industry Update

In 2024, 24 states and territories generated more than 5% of their electricity from solar, with California leading the way at 32.4%. The United States installed approximately 31.1 GWh (12.3

[Solar Market Insight Report 2025 Year in Review](#)

The United States adds 43 GW of new solar capacity in 2025, marking the fifth straight year as top source of new power.



[US adds 26.6 GW of solar in 2025 as renewables dominate](#)

Solar and wind accounted for nearly 90% of all new utility-scale generating capacity added to the US grid through December 2025, according to the Federal Energy Regulatory Commission

Contact Us

For off-grid system quotes, technical support, or partnerships, please visit:
<https://kephamatraining.co.za>