

# Current status of solar power generation and storage



## Overview

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Reviewing the top ten states for solar generation and capacity, energy storage buildout, and more. This report provides a comprehensive breakdown of the current U.

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### U.S. solar and storage market report: 2026 state rankings and forecasts

Reviewing the top ten states for solar generation and capacity, energy storage buildout, and more. This report provides a comprehensive breakdown of the current U.S. solar and battery

### Spring 2025 Solar Industry Update

In 2024, between 554 GWdc and 602 GWdc of PV were added globally, bringing the cumulative installed capacity to 2.2 TWdc. China continued to dominate the global market,



### AT&T Community Forums

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### [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



### 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 Market Insight Report - SEIA

Solar accounted for 54% of all new electricity-generating capacity added to the US grid in 2025. Combined, solar and storage made up 79% of new capacity in this timeframe. Throughout all



### [Solar, battery storage to continue rapid growth as coal and gas share](#)

The blistering pace of the buildout of solar and battery storage appears set to continue for at least the next two years, allowing renewables to keep winning market share from coal and gas in

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