

Analysis of State Grid s solar power generation revenue



Overview

In Q2 2025, the residential segment installed 1,064 MW dc of solar capacity, declining 9% year-over-year and 3% quarter-over-quarter. High interest rates, economic and policy uncertainty continue to be significant challenges for the segment. The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW. This has led to more companies powering facilities with solar power, driving growth. Revenue has swelled at a CAGR of 28.6 billion through the end of 2025, including a 39. Government incentives are powering solar growth. Federal and state policies like tax credits. Electricity generation by the U. In our latest Short-Term Energy Outlook (STEO), we expect U. Shareholders' Equity is defined as the company's total assets minus total liabilities.

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2026 Industry Statistics

Research products and services in the Solar Electric Power Generation industry generating sales. Note that products are broken into categories with different levels of classification. Market Size ...

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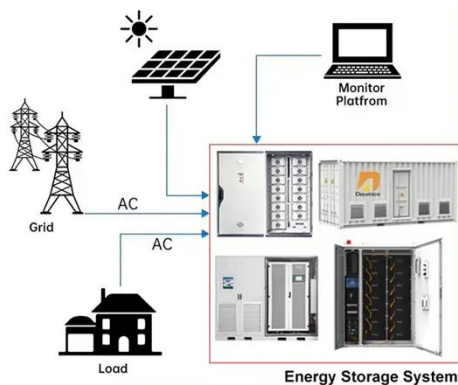
Solar Power in the US Industry Analysis, 2025

Industry revenue has grown at a CAGR of 28.7 % over the past five years, to reach an estimated \$40.6bn in 2025.



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US Electricity Profile 2024

Energy Information Administration - EIA - Official Energy Statistics from the U.S. Government

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Solar power generation drives electricity generation growth over

...

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027.

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Spring 2025 Solar Industry Update

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

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U.S. Utility-Scale Solar, 2025 Data Update , LBL ETA Publications

Lawrence Berkeley National Laboratory compiled and synthesized empirical data on the U.S. utility-scale solar sector.

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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, ...

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Solar Market Insight Report Q3 2025

The average power prices earned by solar projects in 2024 dropped by more than 50% compared to 2023, which has reduced the economic viability of new projects. Additionally, state ...

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US Solar Power Industry

Stay up-to-date with the latest statistics and trends in the US solar power industry, including key metrics such as installed capacity, market share, and revenue.

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U.S. Solar Power Market Size, Share & Trends Analysis, 2032

The large category leads the U.S. solar power market with 55% revenue in 2024, as utility-scale plants supply significant quantities of electricity to the

power grid.

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