



Solar power generation capacity decline





Overview

In the third quarter of 2025, solar projects representing about 20% of planned capacity reported a delay, a decrease from 25% in the same period in 2024, based on data compiled from multiple Preliminary Monthly Electric Generator Inventory reports. Solar power is the fastest-growing source of new. 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 industry is facing a period of deceleration, according to the latest Solar Market Insight Report Q3 2025, published by the Solar Energy Industries Association in conjunction with Wood Mackenzie. 6 GW of new modules manufacturing capacity in the first quarter of 2025 amidst rising policy uncertainty and trade tensions that threaten to slow future growth, shows the US Solar Market Insight Q2 2025 report.



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[US Solar Project Delays Decline as Capacity Growth Stays Strong](#)

In the third quarter of 2025, about 20% of planned US solar power capacity experienced delays--down from 25% a year earlier, signaling improving project timelines, according to the US ...

[US registers slight decline in Q1 solar installations to 10.8 GW](#)

During the January-March period, solar made up for 69% of all new generating capacity added to the grid. The figure represents a 7% year-on-year decrease, or down 43% compared with ...



Solar Market Insight Report Q3 2025

In Q2 2025, the utility-scale solar sector installed 5.7 GW dc of capacity, marking a 28% year-over-year decline. Solar installations in Q2 2025 slowed compared to previous quarters, ...

[U.S. Solar Market Slows As Policy Uncertainty Grows](#)

In Q2 2025, the industry installed about 7.5 gigawatts-direct current (GWdc) of new solar capacity, a 24 percent drop compared to Q2 2024. Across the first half of 2025, the U.S. added ...



U.S. solar manufacturing surges, but installations set to decline over

The U.S. solar industry added 8.6 GW of new module manufacturing capacity in Q1--the third-highest on record--but new solar installations are projected to decline over the next five years.



Solar industry posts record Q1 growth but projects longer-term decline

New solar generation capacity totaled 10.8 GW, 7% lower than first quarter installations in 2024 and 43% lower than the fourth quarter of 2024 -- but still the fourth largest quarter for



Spring 2025 Solar Industry Update

o At the end of 2024, solar was the second-largest source of U.S. generation capacity, though still a growing percentage of the U.S. electric generation mix. o In 2024, solar represented ...



US solar capacity slowed but not stopped



[by Trump policy u-turn](#)

U.S. President Donald Trump's scrapping of subsidies and tax breaks for renewable energy developers has stalled but not derailed solar power capacity growth across the United States.



[Global Solar Growth Set to Slow for First Time, BNEF Says](#)

The world is set to add 649 gigawatts of solar power capacity in 2026, down slightly from 2025, with the decline driven by policy shifts in China and the US that have cooled demand growth.

[Fewer U.S. solar projects are reporting delays in their expected online](#)

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