

How many megawatts does the solar market have

The US solar industry installed 11.7 GW of capacity in Q3 2025, the third largest quarter for deployment in the industry's history.

The state's solar market is worth \$16.1 billion, and its entire solar capacity of 6,330 MW can provide enough electricity for 974,221 homes. In 2022 alone, investments totaling \$1.5 billion were projected to be made in ...

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, accounted for 85% ...

Find up-to-date statistics and facts on the solar photovoltaic industry in the United States.

In 2024, over 30,000 MW of solar capacity came online, which is a 30% increase in operating solar capacity. An additional 34,000 MW are under preparation, testing, or construction and projected to come online in 2025.

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-scale solar ...

In the last decade, solar has grown with an average annual rate of 26 percent, reaching a capacity of over 138 gigawatts in 2023. In that same year, solar energy accounted for 55 percent of...

Utility-scale solar electricity-generation capacity rose from about 314 MW (314,000 kW) in 1990 to about 91,309 MW (about 91 million kW) at the end of 2023. About 98% was solar photovoltaic systems ...

Solar power has been growing rapidly in the U.S. for the past decade, and there are now more than 160 gigawatts of solar panels installed across the country. Here are some quick statistics about solar energy in ...

This article compiles U.S. solar industry statistics, covering capacity generation, installed megawatts, employment figures and future projections.

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