

# The latest distribution of solar power stations and energy storage stations



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### Today in Energy

Solar power makes up 51% of the planned 2026 capacity additions, followed by battery storage at 28% and wind at 14%. In 2025, 53 GW of new capacity was added to the grid, the largest

### The U.S. Large-Scale Solar Photovoltaic Database

The latest release includes data on 5,712 facilities covering 49 states (plus the District of Columbia). The most recent facilities added to the USPVDB became operational as recently as the third quarter of 2024.



### Global Solar Power Tracker

The Global Solar Power Tracker is composed of worldwide facility-level data on utility-scale (1 MW+) solar photovoltaic (PV) and solar thermal facilities, as well as country-aggregated distributed (<1

### Final 2024 Integrated Energy Policy Report Update

The CPUC decision finds that community solar and storage projects are typically supply-side resources that inject 100 percent of the energy produced into the grid.



### California Energy Storage System



## US adds 50GW of new solar PV capacity in 2024

New solar and energy storage projects accounted for 84% of all electricity generating capacity added to the US grid in 2024, with solar alone seeing 50GW of new capacity additions.

## Survey

Data in this dashboard is obtained through a survey of all utilities in California and is current as of July 31, 2025. The dataset will be updated semi-annually upon completion of each survey.



## [U.S. Atlas of Electric Distribution System Hosting Capacity Maps](#)

Map of states with at least one public hosting capacity map useful for integrating renewable and efficient energy into utility distribution systems. As of May 2024, 58 utilities and state agencies have

## List of power stations in California

This is a list of power stations in the U.S. state of California that are



## [US Grid-Scale Energy Storage Continues Strong Year with Highest](#)

According to the American Clean Power Association's (ACP) and Wood Mackenzie's latest U.S. Energy Storage Monitor report released today, Q3 set the highest record for third-quarter

## [Largest Solar Power Stations in USA , Photovoltaic Parks in USA , PV](#)

According to Solar Energy Industries Association and GTM Research, the market share of US has increased above 10% in the world's solar power installations in the past seven years.



## **US battery storage boom extends into 2025; nearly 19 GW under**

Most big battery stations online and under construction are lithium-ion systems designed to discharge up to four hours of energy storage. They are frequently installed together with solar farms, effectively

## [U.S. solar and storage market report: 2026 state rankings and forecasts](#)

This report provides a comprehensive breakdown of the current U.S. solar and battery storage landscape based on the latest data from the U.S. Energy Information Administration (EIA).



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