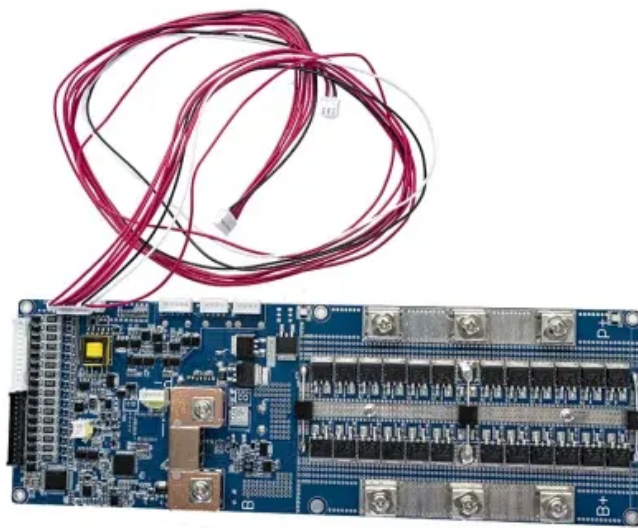


# US Solar Power Project



## Overview

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Explore the top US utility-scale solar projects of 2024-2025. Learn how gigawatt-scale farms and integrated battery storage are powering America's energy future. Hover over a planned solar project to view information on each project like their name, capacity and construction date. To get access to our full dataset of every clean energy project in the United States, sign up for. Concentrating solar power (CSP) projects in United States are listed below alphabetical by project name. From record-breaking solar farms switching online to multi-hundred-megawatt developments securing financing, this month underscored how utility-scale solar is leading the renewable. Visit the FEMA website for the latest information on Winter Storm Fern. government is responding to Winter Storm Fern.

## US Solar Power Project



### Mega U.S. Utility-Scale Solar Projects Hit Milestones

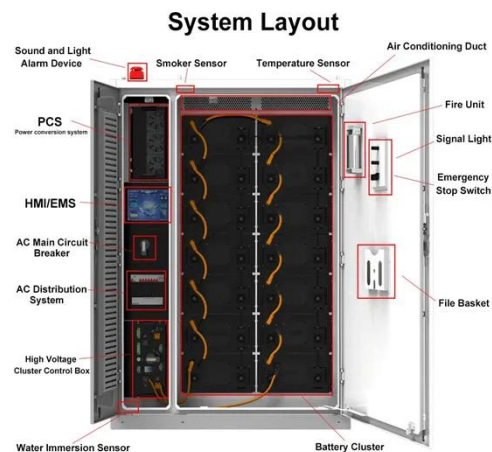
Explore the latest milestones in U.S. utility-scale solar projects, from Texas to Colorado, showcasing mega farms driving renewable energy growth.

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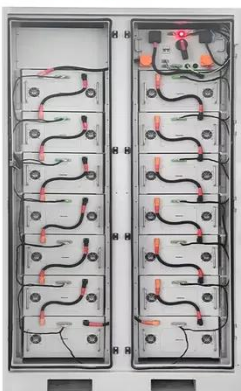
### Solar, battery storage to lead new U.S. generating capacity additions

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 ...

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- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration

### Solar: Top 10 Projects and Companies in USA in 2025 and 2024

Explore the top US utility-scale solar projects of 2024-2025. Learn how gigawatt-scale farms and integrated battery storage are powering America's energy future.

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### 5 biggest solar projects in the US

Below are the top five largest solar installations in the U.S. as of 2024, based on their power generation capacity.

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### US , Concentrating Solar Power Projects , NLR

Concentrating solar power (CSP) projects in United States are listed below alphabetical by project name. You can browse a project profile by clicking on the project name.

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### Solar power in the United States

OverviewSolar potentialHistorySolar photovoltaic powerConcentrated solar power (CSP)Government supportSee alsoFurther reading

Solar power includes solar farms as well as local distributed generation, mostly on rooftops and increasingly from community solar arrays. In 2024, utility-scale solar power generated 219.8 terawatt-hours (TWh) in the United States. Total solar generation that year, including estimated small-scale photovoltaic generation, was 303.8 TWh. As of the end of 2024, the United States had 239 gigawatts (GW) of installed



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### Map: Solar Projects

Visit [USA.gov](http://USA.gov) to learn how the U.S. government is responding to Winter Storm Fern. Committed to Restoring America's Energy Dominance.

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### Major Solar Projects List

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development.

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### Planned Solar Projects in the United States

On this page, you can explore our database of planned solar projects in the US. Each month, we track projects in development and update our list of the largest planned solar projects expected to come ...

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### Solar power in the United States

The 280 MW Solana Generating Station

is a solar power plant near Gila Bend, Arizona, about 70 miles (110 km) southwest of Phoenix, completed in 2013. When commissioned it was the largest parabolic ...

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## Top 20 Solar Power Plants in the U.S.

Explore the top 20 largest solar power plants in the U.S. in 2025, highlighting key projects driving the nation's renewable energy revolution.

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