

Solar power plant status



Overview

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 MW) solar PV data. The utility-scale data covers all operating solar farm phases with capacities. 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. photovoltaic (PV) facilities with capacity of 1 megawatt or more. power plants with data on location, fuel type, generation, capacity, ownership, and emissions. This page provides current information on Generation Resources, including forecast and actual generation for Wind and PhotoVoltaic (Solar) Generation Resources; Resource Outages; Reliability Unit Commitment (RUC) constraints; Reliability Must Run (RMR) Resource deployments; Fuel Type; and aggregate. Synapse has developed a free-to-use interactive map of power plants in the United States using data from the U. Environmental Protection Agency.

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[The U.S. Large-Scale Solar Photovoltaic Database](#)

It includes corresponding PV facility information, including panel type, site type, and initial year of operation.

[U.S. Utility-Scale Solar, 2025 Data Update](#)

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



[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, ...

[Global solar energy outlook](#)

In the last few years, solar energy has been the main driver for renewable energy growth worldwide. In 2024, solar photovoltaic capacity additions surpassed 600 gigawatts, accounting for ...



[Global Solar Power Tracker](#)

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Real-time Operating Grid

Comprehensive data summaries, comparisons, analysis, and projections integrated across all energy sources. Monthly and yearly energy forecasts, analysis of energy topics, financial analysis, ...



51.2V 300AH

[Interactive Map of U.S. Power Plants](#)

This map displays information on location, fuel type, electric generation, generating capacity, ownership, and emissions for over 10,000 power plants across the country.



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

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 ...



[Interactive Map of U.S. Power Plants , Grid Status](#)

Explore an interactive map of 13,000+ U.S. power plants with data on location, fuel type, generation, capacity, ownership, and emissions.

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