

Latest information on solar photovoltaic power generation

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module costs, relatively efficient permitting processes ...

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.

Solar Energy Information. Read the latest news and techniques for efficient solar photovoltaic power, new solar energy systems and more.

Global PV installed capacity at the end of 2024 exceeded 2 TW, with China alone accounting for 1 TW installed. Increases in all generating sources can be expected, the authors say, ...

Explore the latest solar panel technology, new solar panel technology, and solar energy technology trends improving efficiency.

The IEA PVPS Trends in Photovoltaic Applications 2025 report provides comprehensive data and analysis on global PV deployment, technology, and market evolution from 1992 to 2024.

It is one of the fastest-growing renewable energy technologies and is playing an increasingly important role in the global energy transformation. The total installed capacity of solar PV reached 1 865 GW ...

U.S. PV Deployment EIA projects significant growth for PV in 2024 over the record-breaking year in 2023. Over the next 2 years, virtually all new electric generation capacity will be PV, batteries, and wind.

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027. Almost 70 ...

Solar power Solar and wind power has grown faster than electricity demand this year, report says A new analysis of solar and wind power shows its generation worldwide has outpaced electricity demand ...

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