

Find up-to-date statistics and facts on the global solar photovoltaic industry.

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest-growing source of ...

Although relatively small in terms of its share of total U.S. electricity-generation capacity and generation, solar electricity-generation capacity and generation have grown significantly in recent years.

The solar PV market in the North America is expected to grow significantly over the forecast period, owing to its rapidly expanding solar energy landscape driven by favorable government policies, declining technology ...

Global solar installations reached nearly 600 GW - an impressive 33% increase over the previous year - setting yet another record. Solar accounted for 81% of all new renewable energy capacity added ...

North America dominated the solar power industry with a market share of 41.30% in 2023.

Photovoltaic (PV) solar accounted for 56% of all new electricity-generating capacity additions in the first half of 2025, remaining the dominant form of new electricity-generating capacity in the US.

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% ...

The solar photovoltaic market size crossed USD 323.5 billion in 2025 and is expected to grow at a CAGR of 8.1% from 2026 to 2035, driven by integration of solar PV across agriculture and business operations.

Despite the changing market and policy conditions that the solar industry has faced this year, solar will remain the dominant power source added to the grid in the next five years.

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