

Total electricity generated by solar companies

This data shows how much energy is offset in the manufacture and installation/construction as a percentage of the total energy it can generate over its lifetime.

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...

Data and analysis including a list of solar power in every country in the world, countries with the most solar power, and countries that generate the highest percentage of their electricity from solar power.

Solar provided over 10% of total US electrical generation in April, wind and solar produced almost one-quarter, and the mix of all renewable energy generated nearly a third, ...

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

Additions of solar generating capacity outpaced other resources in the U.S. electric power sector in 2023, and we expect this trend to continue through the end of 2024.

Global electricity demand increased by 4.3% in 2024, a step change from the 2.5% growth seen in 2023. The average pace of electricity demand growth from 2010 to 2023 was 2.7%, double the rate of total ...

According to the EIA's Electric Power Monthly Report, total solar photovoltaic generation surpassed 300 TWh, an increase of 64 TWh from the prior year. This 27% growth was the largest ...

Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed. Combined, solar and storage accounted for 82% ...

Electricity generation by the U.S. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025. In our latest Short-Term Energy Outlook (STEO), we expect U.S. ...

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