Solar power generation rate in the past decade

Global solar capacity surged from 138 gigawatts in 2013 to 1.6 terawatts in 2023, growing about 30% yearly for the past decade. China led solar growth, driving a 74% jump in global ...

US experienced staggering growth in solar and wind power over the last decade Nearly a quarter of the nation"s grid now runs on renewables, bringing the country closer to its ...

Change in solar and wind energy generation relative to the previous year, measured in terawatt-hours of primary energy using the substitution method.

Small-scale solar produced an estimated 73,619 GWh or about 31% of all solar generation in 2023 -- compared to 164,502 GWh generated by utility-scale installations.

From 2016 to 2022, PV has seen an annual capacity and production growth rate of around 26%, doubling approximately every three years.

In 2024, net solar power generation in the United States reached its highest point yet at 218.5 terawatt hours of solar thermal and photovoltaic (PV) power. Solar power generation has...

This report uses data from the EIA to analyze solar and wind capacity and generation over the past decade (2014 to 2023) in all 50 states and the District of Columbia.

This publication presents renewable energy statistics for the last decade (2015-2024).

American Solar Deployment Grows at Record Pace Solar has seen massive growth since 2010. There are now 262 gigawatts direct-current of solar capacity installed nationwide, enough to power 45 ...

The world"s renewable power capacity reached 4,448 GW by the end of 2024. In comparison, the figure stood at 1,851 GW in 2015, indicating that over the past decade, renewable capacity has increased ...

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