



The proportion of solar power generation in the future

This interactive chart shows the amount of energy generated from solar power each year. Solar generation at scale - compared to hydropower, for example - is a relatively modern renewable ...

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 ...

The past decade was transformative for solar, with rapid cost reductions and subsequent increases in deployment. It is now possible to envision--and chart a path toward--a future where solar provides ...

Solar accounted for 81% of all new renewable energy capacity added worldwide. While remaining a modest contributor to overall electricity generation for now, solar's share rose to 7% in ...

Solar generation rose 23% in 2021, and the industry is expected to continue to grow over the next decade. Women hold 40% of full-time positions in the global solar workforce. Nearly 75% of...

Clean power surpassed 40% of global electricity generation in 2024, driven by record growth in renewables, especially solar. Heatwaves contributed to high growth in electricity demand ...

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 ...

We plot electricity generation, generating capacity, and net capacity expansions (new installation minus any decommissioning) to highlight both where we stand and the rate of change that will drive the ...

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 ...

Solar electricity has doubled in just three years, providing more than 2,000 TWh of electricity in 2024. Wind generation also grew to 8.1% of global electricity, while hydro's share remained steady at 14% ...



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