

The latest progress in solar power generation

All the latest science news on solar power generation from Phys . Find the latest news, advancements, and breakthroughs.

Today, the latest solar panel technology advancements have led to panels achieving conversion efficiencies of over 20%, with some even reaching 25%. This means that solar PV ...

Is solar power going to take over the world? The past few years have seen a frankly astounding acceleration in the rate of its deployment, with total generation capacity doubling between ...

For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly from utility-scale projects, while offshore ...

Generation from nonhydro renewable energy sources (solar, wind, geothermal, and biomass) reached a new milestone, exceeding generation from hydropower and contributing ~16% of global electricity, ...

Solar energy is no longer just panels bolted to a roof or field. In 2026, new solar panel technology is driving dramatic improvements in how we capture, store, and use sunlight. Ongoing ...

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 ...

Discover the latest breakthroughs in solar power technology, from high-efficiency perovskite and tandem cells to smart AI-driven systems and advanced energy storage solutions.

We are here to bring you the latest solar news, progress and innovations, and everything else that you need to and want to know about the solar industry.

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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