

Solar energy is a powerful driver for achieving SDG 13, significantly reducing greenhouse gas emissions and diminishing reliance on fossil fuels. Beyond environmental impacts, solar PV ...

The United States marked a significant year for clean energy in 2024, with major solar, wind, and battery storage projects reshaping the nation's energy landscape. Data from energy ...

Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024. Renewables now dominate new power generation capacity, while new domestic clean energy ...

This timeline features the key innovations that have advanced the solar industry in the United States. Learn more about these key events from 1955 to present.

Discover the world's biggest operational solar farms and the mega projects set to reshape tomorrow's renewable energy landscape.

In 2023, solar accounted for over 50% of new electricity generating capacity added to the grid and employs over 260,000 Americans. With over 179 GW of installed capacity and growing, the ...

Excluding Nuclear Capacity of 100 MW, which is under outage for very long time, and have been removed temporarily w.e.f. 31.05.2025. For more details, Click below.

Photovoltaics (PV) and concentrating solar power are likely to continue to grow rapidly--the National Renewable Energy Laboratory (NREL) projects solar energy could provide 45% of the electricity in ...

Solar panel and wind turbine costs have dropped significantly over the past decade, making these technologies more competitive than fossil fuels. For example, utility-scale solar costs ...

Solar energy projects harness the power of the sun, converting it into electricity or heat for various uses. This technology is pivotal in addressing some of the most pressing challenges of our ...

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