

India added 11.3 GW of solar capacity in Q2 2025 compared to around 6.8 GW in Q1 2025, marking a 66.9% quarter-over-quarter increase. The surge was largely driven by policy-linked...

Solar Power* (Cumulative) : 135.81 GW. ^Large Hydro includes 7175.6 MW Pumped Storage. # Excluding Nuclear Capacity of 100 MW, which is under outage for very long time, and ...

Installed Capacity: As on 31st March 2025, India's total installed power generation capacity reached to 475.21 GW, reflecting a substantial increase of 72.18% from 275.99 GW of 2014-15. A major ...

By the end of 2025, India's solar power installed capacity reached 135.81 GW AC. [1] India is one of the world's fastest adopters of solar power, making it the third-largest producer of solar power globally as ...

Indeed, in 2023, India was the third-largest solar energy producer in the world, adding over 16.6 GW of new solar installations. This growth is driven by ambitious government targets,...

Solar power generation capacity in India reached 100.32 GW as of January 31, 2024, marking a 30-fold increase over the past nine years. Rajasthan leads with the highest installed solar ...

India Marching Ahead in Solar Energy Growth in Solar Installed Capacity (MW) as on 11.02.2025 Figures and Statistics

India ranks 4th globally in Renewable Energy Installed Capacity, 4th in Wind Power, and 3rd in Solar Power capacity, (IRENA RE Statistics 2025) India made 1,08,494 GWh of solar power, ...

OverviewHistorySolar potentialInstallations by regionInstallations by applicationConcentrated solar powerHybrid solar plantsSolar heatingSolar power in India is an essential source of renewable energy and electricity generation in India. Since the mid-2010s, India has increased its solar power significantly with the help of various government initiatives and rapid awareness about the importance of renewable energy and sustainability in the society. In order to decrease carbon dioxide emissions, reduce reliance on fossil fuels, with

Solar additions in calendar year 2025 comprised 28.6 GW of new utility-scale solar capacity, 7.9 GW of rooftop PV power, and 1.35 GW of off-grid and distributed installations.

Learn which Indian states are leading in solar energy capacity in 2025. Get the latest rankings and data on this key renewable source.

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