

India's solar and wind power generation rate

Why did India achieve record generation of solar & wind power in 2025?

India achieved record generation of solar and wind power in the first half of 2025, highlighting the country's push towards renewable energy and a cleaner power mix.

How did India's solar energy growth compare to last year?

Wind power also saw a big jump. It rose by 11 TWh, or 29 per cent, compared to almost no growth last year. Wind now makes up 5.1 per cent of India's electricity, up from 4 per cent. Get the latest issue of Outlook Business. The report said the rise in solar energy alone was larger than the growth in India's total electricity demand.

How did India's solar & wind installations compare to last year?

Solar installations rose by 51.6%, while wind capacity surged by 82% compared to last year. In terms of cumulative installations, according to the data released by the Ministry of New and Renewable Energy (MNRE) till June 2025, India's RE installed capacity reached ~234 GW.

What is the growth rate of solar power in Rajasthan?

Small Hydro & Bio Energy (RES): Renewable energy landscape of Rajasthan has transformed significantly over the past decade, with solar power leading the growth. Installation of Solar power capacity has registered a Compound Annual growth rate of 39.6% and that of wind power was 4.64%. Details of installed capacity and

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, ...

India became the world's third-largest wind and solar power producer in 2024, with clean sources contributing 22% of its electricity. Solar alone made up 7%, doubling since 2021.

India added a record 34.40 GW of solar and wind capacity in the first nine months of 2025, a 71% rise YoY, taking total renewable energy capacity to 247.30 GW.

Among all the sources, solar electricity generation recorded the highest growth rate of 23%, increasing from 134 BU in 2023-24 to 148 BU in 2024-25, followed by nuclear with an 18% ...

In conclusion, India's renewable energy journey has reached a significant milestone, marked by the impressive achievement of over 200 GW of installed capacity. This accomplishment is ...

India's solar and wind power hit record levels in H1 2025, cutting emissions by 24 million tonnes and outpacing electricity demand growth, says Ember.

India added 21.9 GW in H1 2025, with solar and wind installations up 56% YoY--solar rose 51.6%, wind surged 82% from 2024.

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In FY2025, solar installed capacity hit 23.8 GW, wind 4.1 GW--up 58.5% and 27.9% over FY2024, boosting India's green push.

A report shows India generated record levels of solar and wind energy in the first half of 2025, underscoring the nation's growing focus on renewable energy and sustainable power production.

Scope: Renewable Energy Statistics 2024-25 presents a comprehensive overview of the renewable energy sector through detailed statistics on electricity installed capacity and electricity ...

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