

# India s solar power generation ranking



## Overview

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Mumbai: India has surpassed Germany as the world's third-largest generator of electricity from solar and wind power sources in 2024. Solar and wind energy generated 15 per cent of global electricity, with India just behind at 10 per cent, according to a report by global energy. Solar contributed 7 per cent of the country's electricity in 2024, the generation doubling since 2021. 32 GW as of Janu, marking a 30-fold increase over the past nine years. The generational. 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 have been removed temporarily w.

## India s solar power generation ranking



### [India's Renewable Energy Capacity Hits New Milestone](#)

The solar photovoltaic (PV) sector followed closely, employing approximately 318,600 people across both on-grid and off-grid systems. In 2023, India added 9.7 GW of solar PV capacity, ...

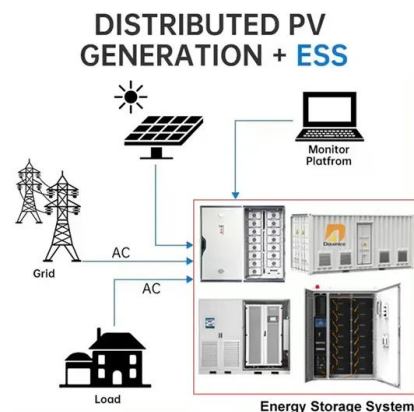


### [India Ranks As 3rd-Largest Generator Of Wind, Solar Power: Report](#)

India added 24 gigawatts (GW) of solar capacity in 2024, more than twice the addition in 2023, becoming the third-largest market after China and the US. It also recorded the fourth-largest

### Solar power in India

India is one of the world's fastest adopters of solar power, making it the third-largest producer of solar power globally as of 2025, after China and the United States. [2]



### [Solar Power capacity of states in India: 2025](#)

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



### [Figures and Statistics , NSEFI](#)

NSEFI has been India's leading Renewable Energy policy advocacy body for the past decade and is an umbrella organisation representing renewable energy



## Solar power in India

OverviewHistorySolar potentialInstallations by regionInstallations by applicationConcentrated solar powerHybrid solar plantsSolar heating

Solar 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 coal being th...



### [India Ranks Third Globally in Solar Power Generation](#)

India has made impressive strides in the solar energy sector, positioning itself as the third-largest producer of solar power in 2023. According to a report by Ember, India generated

113 ...



[Physical Achievements , MINISTRY OF NEW AND RENEWABLE ...](#)

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 ...



[India is ranked as the third-largest solar power generator.](#)

In terms of solar generation, India increased by 18 terawatt hours (TWh) in 2023, ranking fourth globally, after China (+156 TWh), the US (+33 TWh), and Brazil (+22 TWh). 75% of the ...



[India overtakes Germany to become world's third largest generator of](#)

Mumbai: India has surpassed Germany as the world's third-largest generator of electricity from solar and wind power sources in 2024. Solar and wind energy generated 15 per cent of global ...



[India is the world's third-largest producer of electricity from wind](#)

India added 24 GW of solar capacity in 2024 -- over twice the addition in 2023 -- ranking behind only China and the US. India saw the fourth-largest increase in solar generation globally, ...



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