

India's solar and wind power generation rate



Overview

This pushed solar's share in India's total electricity generation to 9. Wind power also saw a big jump. It rose by 11 TWh, or 29 per cent, compared to almost no growth last year. India produced more solar and wind power than ever before in the first half of 2025, cutting power sector emissions by 24 million tonnes compared to the same period last year, according to a report published on Tuesday. *Includes grid and off-grid capacities # As a % of total new capacity added: 13,495MW With gas capacity retirement of 285MW, the net capacity added was. 2. A major highlight of this transformation has been the rapid expansion of installed capacity under renewable energy sources, which recorded growth of 170. Within this segment, solar, wind, bio power, and small hydro power sources experienced a. In 2024, the country made significant strides in solar and wind energy installations, policy advancements, and infrastructural improvements, setting the stage for ambitious targets in 2025. This remarkable growth outpaced electricity demand, which saw its slowest rise since the pandemic, driven by milder weather and reduced cooling. As on 31st March 2024, India's total installed power capacity reached 441.



Article Content

Global Wind Day: Rising Power Demand Puts Wind Energy In Spotlight

India celebrates Global Wind Day on 15th June; the country's wind energy sector is gaining renewed attention for its growing contribution to the power system at a time of rising

India's energy investment to hit USD 170 bn in 2026 on solar ...

New Delhi, May 28 (PTI) India's energy investment is set to reach a record USD 170 billion in 2026, driven by rapid expansion in solar power and oil refining as the country accelerates efforts to ...

India's energy investment to hit \$170 bn in 2026 on solar, grid and ...

India's energy investment is projected to reach a record \$170 billion by 2026, fueled by significant expansions in solar power and oil refining. The International Energy Agency (IEA) reports

Factsheet Details:Factsheet Details | PIB

This surge was driven by government incentives, policy reforms, and increased investments in domestic solar and wind turbine manufacturing. Solar energy remained the dominant

U.S. Energy Information Administration

Includes hydropower, solar, wind, geothermal, biomass and ethanol. Uranium fuel, nuclear reactors, generation, spent fuel. Comprehensive data summaries, comparisons, analysis, and projections

Factsheet Details:Factsheet Details | PIB

Solar, coal, and wind power were the main contributors to this growth, accounting for 57.7%, 21.1% and 13.9%, respectively, of the total capacity

RENEWABLE ENERGY STATISTICS 2023-24

Since 2014-15, energy generation from Solar Power, Wind Power, Bio-Power, and Small Hydro Power has surged by 265.89%, highlighting significant progress in India's renewable energy sector.

Solar Power Market Size, Share, Trends | Growth Report

Besides, the Middle East & Africa solar power market is also set to witness the highest growth rate between 2022 and 2030 owing to effective plans of various countries across the region to

Wind power in India

Wind power generation capacity in India has significantly increased in recent years. As of 31 March 2026, the total installed wind power capacity was 56.00 gigawatts

India generated record solar, wind power in H1 2025: Report

India's renewable energy sector achieved a significant milestone in H1 2025, with record generation from solar and wind sources, contributing to a substantial reduction in power sector

India generated record solar, wind power in first half of 2025: Report

India produced more solar and wind power than ever before in the first half of 2025, cutting power sector emissions by 24 million tonnes compared to the same period last year, according to a

India's Energy Investment to Hit Record \$170 Billion in 2026 Driven by ...

India's energy investment is set to hit a record \$170 billion in 2026, led by surging solar power, oil refining expansion and grid upgrades. Discover how rising clean energy, coal supply,

Clean Energy Growth: India's Record Solar and Wind

Clean Energy Growth: India achieved record solar and wind power generation in the first half of 2025, significantly reducing carbon emissions and

World energy supply and consumption

Electricity generators are driven by steam or gas turbines in a thermal plant, or water turbines in a hydropower station, or wind turbines, usually in a wind farm. The

Physical Achievements | MINISTRY OF NEW AND RENEWABLE

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.

Massive expansion of renewable power opens door to

The report shows that under existing policies and market conditions, global renewable power capacity is now expected to grow to 7 300 GW over the

Solar surge halts fossil generation rise: Ember

Fossil generation in the country fell by 56TWh, or 0.9pc, with rapid clean power expansion meeting all demand growth. In India, fossil generation fell by 52TWh, or 3.3pc, because of record increases in

RENEWABLE ENERGY STATISTICS 2024-25

As per Renewable Energy Statistics 2025 by IRENA, India ranks 5th worldwide in total electricity energy generation from renewable energy sources and holds the 3rd position in electricity generation from

Reuters | Breaking International News & Views

Find latest news from every corner of the globe at Reuters , your online source for breaking international news coverage.

India Ranks As 3rd-Largest Generator Of Wind, Solar Power: Report

In India, clean sources accounted for 22 per cent of the electricity generation. Hydropower contributed the most at 8 per cent, while wind and solar together accounted for 10 per cent.

India solar to quadruple, wind to triple over a decade, power ministry ...

March 19 (Reuters) - India's solar power capacity is expected to quadruple over the next decade, while wind energy capacity could triple, according to a report published on Thursday by...

Contact Us

For more information, pricing, or custom container solutions, please contact us:

Website: <https://www.urbannotion-pr.co.za>

Email: sales@urbannotion-pr.co.za

Phone: +27 82 416 7289

Address: Neue Mainzer Straße 66-68, 60311 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

