

Title: Electricity india

Generated on: 2026-04-20 23:09:47

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What is India's energy sector?

India's power sector is among the most diversified in the world, with generation from conventional sources like coal, gas, hydro, and nuclear, as well as renewable sources such as solar, wind, biomass, and small hydro. With rising electricity demand, India continues to expand its energy capacity to support economic growth and sustainability goals.

How much electricity does India use per capita?

Increased Consumption: Per capita electricity consumption rose by 45.8% to 1,395 kWh in 2023-24 from 957 kWh in 2013-14. India's power sector is among the most diversified in the world, with generation from conventional sources like coal, gas, hydro, and nuclear, as well as renewable sources such as solar, wind, biomass, and small hydro.

How much power does India have?

Thermal power alone accounts for 50.52% of India's total installed energy capacity, underscoring its central role in meeting the nation's electricity demands. Coal remains the dominant contributor with a capacity of 219 GW. Gas-based power contributes 20 GW. Diesel-based power adds another 589 MW.

How does the World Bank support India's electricity sector?

The World Bank has played a crucial role in supporting India's electricity sector by financing three projects that illuminate vast regions of the country, ensuring that the power sector remains a growth engine for the economy.

Access to electricity in India is now nearly universal - in 2000, only 60% of the population had access to electricity. By 2021, this figure had risen to 99.6%.

The World Bank has been supporting the modernization of India's electricity distribution systems, which are essential for improving efficiency and reliability in the power sector while helping ...

Explore the power sector, uncover trends in electricity generation in India, & learn how the India energy sector is evolving. Discover more about electricity in India.

India's power sector is experiencing rapid change as renewable energy deployment accelerates year after year. India added 41 GW of renewable energy in the first eleven months of ...

India's electricity mix includes 71% Coal, 8% Hydropower and 8% Solar. Low-carbon generation reached a

record high in 2025.

Electricity Electricity production growth rate India FY 2008-2025 Electricity Electricity generated in India FY 2016-2025, by source Electricity Share of electricity consumption in India FY ...

India has achieved over 99.2% electrification by the end of 2024, 99% of indian rural areas has access to electricity in India.

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