

# Installed capacity of energy storage power stations in India

The nation's cumulative installed battery energy storage capacity reached nearly 442 MWh as of Dec. 31, 2024. Solar-plus-storage systems accounted for nearly 60% of India's cumulative ...

Non-fossil fuel-based power capacity accounted for 82.8% of all new capacity installed in 3Q 2025; Total cumulative power capacity crossed the 500 GW milestone.

^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.e.f. ...

India installed over 341 MWh of battery energy storage systems (BESS) in 2024, marking an over sixfold increase from the 51 MWh installed in 2023, according to Mercom India Research's ...

India's cumulative installed energy storage capacity reached 490 megawatt-hours (MWh) as of the end of June 2025, according to a report released by Mercom India on Wednesday.

The publication provides a comprehensive analysis of India's energy sector, covering the reserves and potential for energy generation, installed capacity, and capacity utilization.

Report provides the 2024 installed capacity of the power stations in the following regions of India:

Location wise regional summary of all India installed capacity (IN MW) of power stations as on 28/02/2025  
Modewise breakup Region Ownership/Sector Thermal Renewable Coal

JSW Energy Ltd's Kutehr Hydroelectric Project Unit-1 (80 MW), Unit-2 (80) and Unit-3 (80) has been added w.e.f. 05.08.2025, 31.07.2025 and 08.08.2025 respectively.

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