

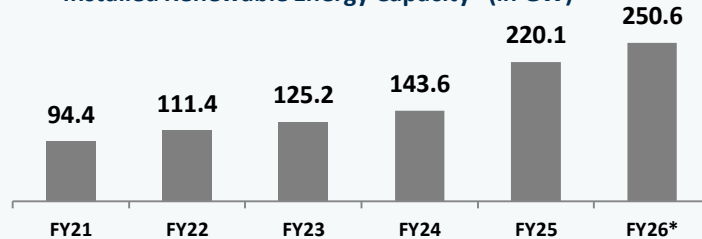


RENEWABLE ENERGY



MARKET SIZE

Installed Renewable Energy Capacity[^] (in GW)

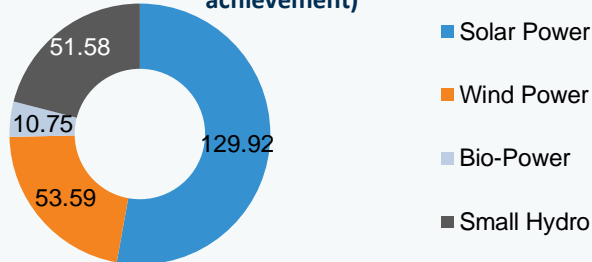


Note: ^ - includes wind, solar, bio power and small hydro, FY26*-As of October 2025



SECTOR COMPOSITION

Installed Renewable Capacity Breakup (GW) – FY26* (cumulative achievement)

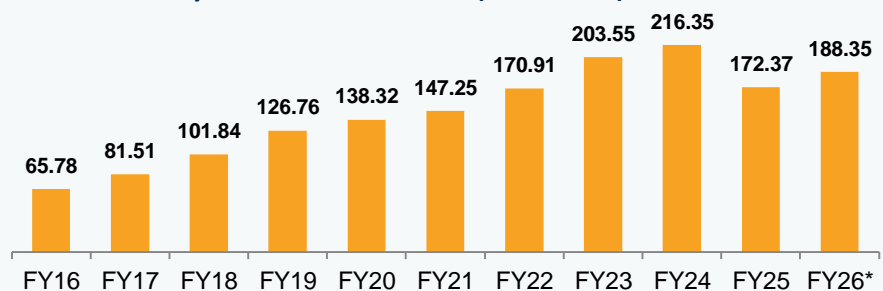


Note: FY26*-As of October 2025

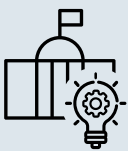


KEY TRENDS

Electricity Generation from RES (billion unit)



Note: FY26*-As of June 2025



GOVERNMENT INITIATIVES



Green Energy Corridor



Wind-Solar Hybrid Policy



Solar Parks and Ultra Mega Solar Power Projects



ADVANTAGE INDIA

- **Robust demand:** India's Rs. 9,22,866 crore (US\$ 109.50 billion) plan aims to expand power infrastructure, meet 458 GW demand by FY32, enhance transmission, integrate renewable energy, and boost energy security, unlocking vast untapped potential.
- **Competitive advantage:** India has officially surpassed Japan to become the world's third-largest solar energy producer. According to data from the International Renewable Energy Agency (IRENA), India generated 1,08,494 GWh of solar power, exceeding Japan's 96,459 GWh.
- **Policy support:** On October 22, 2025, Coal India Limited signed a Memorandum of Understanding with Indian Institute of Technology Madras to establish a "Centre for Sustainable Energy" focused on developing low-carbon technologies, repurposing coal mines and building human capital for India's clean-energy transition.
- **Increasing Investments:** According to Department of Promotion of Industry and Internal Trade (DPIIT) from April 2000-June 2025 non-conventional energy sector attracted Rs. 2,04,341 crore (US\$ 23.04 billion) cumulative FDI inflows in India.