

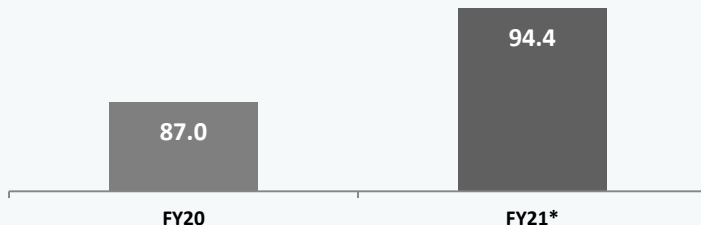


RENEWABLE ENERGY



MARKET SIZE

Installed Renewable Energy Capacity[^] (in GW)



The Government is aiming to achieve 227 GW of renewable energy capacity by 2022, much ahead of its target of 175 GW as per the Paris Agreement.

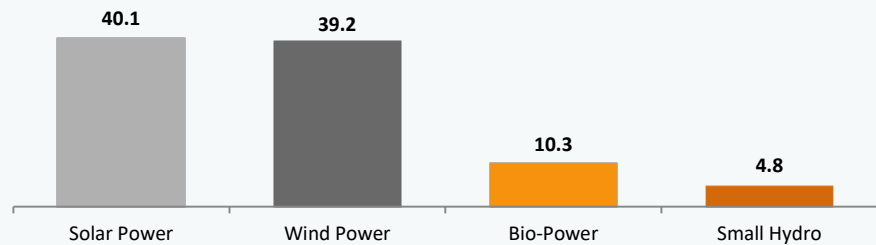
Trend Point: India's renewable energy sector is expected to attract investments of up to US\$ 80 billion in the next four years.

Note: [^] - includes wind, solar, bio power and small hydro; Until March 2021



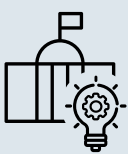
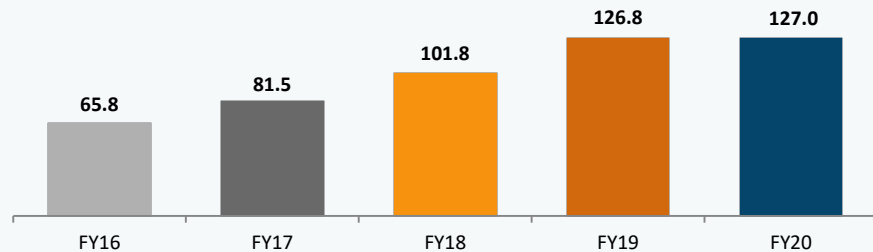
SECTOR COMPOSITION

Installed Capacity for Different RES (as of March 2021) (GW)



KEY TRENDS

Electricity Generation from RES (billion unit)



GOVERNMENT INITIATIVES



Green Energy Corridor



Wind-Solar Hybrid Policy



Solar Parks and Ultra Mega Solar Power Projects



ADVANTAGE INDIA

- Robust demand:** As economy grows, electricity consumption is projected to reach 15,280 TWh in 2040 from 4,926 TWh in 2012. Most of the demand will come from real estate and transport sectors. Per capita electricity consumption in India reached 1,208 units in 2019-20.
- Competitive advantage:** India ranked third on the EY Renewable Energy Country Attractive Index. As per the British Business Energy, India ranks third on renewable energy investments and plans.
- Policy support:** The Ministry of Power (MoP) released the draft National Electricity Policy (NEP) 2021 and has invited suggestions from all stakeholders
- Increasing Investments:** In March 2021, Actis announced to invest US\$ 850 million in India to develop two renewable energy platforms, one for grid-connected solar and wind power parks and the other for commercial and industrial (C&I) market.