



ReNew to invest ~INR 22,000 crore to set up one of India's largest hybrid RE projects in Andhra Pradesh

May 16, 2025

The project to have combined 2.8 GW of wind and solar generation capacity and 2 GWh of battery storage. This will be one of the largest RE complexes at a single location in India and will be able to supply power for up to 4 peak hours every day.

Anantapur, Andhra Pradesh, May 16, 2025: ReNew Energy Global Plc ("ReNew"), a leading decarbonisation solutions company, announced that it will invest ~INR 22,000 crore (US ~\$2.5 billion) to set up one of India's largest hybrid renewable energy projects in Andhra Pradesh's Anantapur district. With a generation capacity of around 2.8 GW, including 1.8 GWp solar and 1 GW wind, and a battery energy storage system (BESS) of 2 GWh, this will be one of the largest RE complexes at a single location in India.

Hon'ble Minister for Information Technology, Electronics & Communications, Real Time Governance and Human Resources Development in the Govt of Andhra Pradesh, Shri Nara Lokesh, laid the foundation stone for the project in the presence of Sumant Sinha, Founder, Chairman, and CEO, ReNew. In the project's first phase, ReNew will set up 587 MWp solar and 250 MW wind energy capacity, along with a 415 MWh BESS, for which PPAs have already been signed. The rest of the capacity will be developed in subsequent phases.

With a large BESS to be installed, the project will be able to supply power for up to 4 peak hours every day (non-RE generating hours), which will help the off-takers with peak demand management and enable renewable energy to be more firm and dispatchable. Aligned with the Make in India mission, the project will be made up of 100% Made-in-India solar panels supplied from ReNew's solar manufacturing units in Jaipur, Rajasthan, and Dholera, Gujarat. Additionally, it will use state-of-the-art solar tracking systems to maximise the generation, and waterless robotic cleaning for solar panels that will enable considerable savings of water.

Commenting on the development, the Hon'ble Minister said, "*This project is directly aligned with Andhra Pradesh's Integrated Clean Energy Policy and contributes to India's 500 GW non-fossil fuel goal by 2030. This project is a testament to Andhra Pradesh's resurgence as a national leader in clean energy. We are building not just capacity, but also credibility and global investor confidence. I commend ReNew for this project and would look forward to more such investments in the future.*"

Sumant Sinha, Founder, Chairman, and CEO, ReNew, shared his views and said, "*The state of Andhra Pradesh presents an attractive mix of investor-friendly policies, excellent transmission connectivity, and abundant availability of solar and wind resources. We are highly optimistic about developing large-scale renewable energy capacity in the state to contribute to the Hon'ble Prime Minister's commitment of achieving the target of 500 GW non-fossil fuel electricity generation capacity by the year 2030.*"

ReNew has a portfolio of 717 MW of operational wind capacity and 60 MW of solar capacity spread over 10 sites in Andhra Pradesh. The company is dedicated to promoting clean energy-led growth in the state, and with this project, it will generate ~1,500 direct and indirect jobs as it works in tandem with the government towards the state's target of generating 78.5 GW of solar, 35 GW of wind power capacity, and 25 GWh of battery energy storage.

About ReNew

ReNew is a leading decarbonisation solutions company listed on Nasdaq (Nasdaq: RNW, RNWWW). ReNew's clean energy portfolio of ~17.4 GWs on a gross basis as of February 14, 2025, is one of the largest globally. In addition to being a major independent power producer in India, it provides end-to-end solutions in a just and inclusive manner in the areas of clean energy, value-added energy offerings through digitalisation, storage, and carbon markets that increasingly are integral to addressing climate change. For more information, visit www.renew.com and follow us on [LinkedIn](#), [Facebook](#), [X](#), and [Instagram](#).

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