

## Tata Power Green Energy Ltd. commissions 225 MW Hybrid power project for Tata Power Mumbai customers

- **Project to supply green power to Tata Power, Mumbai Distribution (TPC-D, Mumbai) to meet its Renewable Purchase Obligations**
- **With the addition of 225 MW of hybrid power, TPC-D, Mumbai's non-carbon power supply will rise to 38%**

**National, 3<sup>rd</sup> August, 2022:** Tata Power Green Energy Limited (TPGEL), a wholly-owned subsidiary of Tata Power, has commissioned a 225 MW Hybrid power project in Rajasthan. The power generated from the project will be supplied to Tata Power, Mumbai Distribution under a Power Purchase Agreement (PPA), valid for a period of 25 years, to fulfil its Renewable Purchase Obligation (RPO).

With the addition of 225 MW of hybrid power to Tata Power's Mumbai customers, the revised power supply portfolio will rise to 38% non-carbon power. It will be nearly double the mandatory RPO obligation. Against the yearly requirement of nearly 5,200 MUs annually, the non-carbon supply will be approx. 2,000 MUs.

This is the first hybrid project developed by Tata Power consisting of recently commissioned 225 MW of Solar power at Noorsar and existing wind assets of 96 MW, which is expected to generate about 700 MUs of energy per year. The plant will annually offset approx. 700 Million Kg of CO<sub>2</sub>. The combination of solar and wind project brings a unique advantage of higher Capacity Utilization Factor as compared to standalone wind or solar capacity.

The project was awarded to TPGEL and the solar part of the project has been executed by Tata Power Solar Systems Limited, an EPC arm of Tata Power. The project was commissioned within the stipulated timeline in 1,200 acres of land at Noorsar in Rajasthan. The project has used 5,79,488 number of modules and 103 individual Wind energy generators of various ratings from the Company's existing wind assets. In spite of the various challenges like rugged terrain caused by multiple high sand dunes, harsh temperature of 50 degree Celsius and unusual rains, the project was delivered as per the stipulated timeline.

Speaking on the project commissioning, **Dr. Praveer Sinha, CEO & MD, Tata Power** said, *"We are excited to commission our first Hybrid project of 225 MW in Rajasthan. The project will supply power to our Mumbai Discom and their customers and will substantially enhance its non-carbon commitment. It also reflects our commitment to make the use of non-carbon energy to meet the clean and green energy goals of the country."*

With the commissioning of this hybrid project, the total renewables capacity of Tata Power reaches 5,524 MW with an installed capacity of 3,859 MW and 1,665 MW under various stages of implementation.



Image 1: 225 MW solar installation in Rajasthan



Image 2: 96 MW wind installation in Maharashtra

**About Tata Power:**

Tata Power (NSE: TATAPOWER; BSE:500400) is one of India's largest integrated power companies and together with its subsidiaries and jointly controlled entities, has an installed/managed capacity of 13,974 MW. The company has a presence across the entire power value chain - generation via renewables as well as conventional power including hydro and thermal energy; transmission & distribution, coal & freight, logistics, and trading. The company had developed the country's first Ultra Mega Power Project at Mundra in Gujarat based on super-critical technology. With 5.1 GW of clean energy generation the company has 37% of clean portfolio. It has successful public-private partnerships in generation, transmission & distribution in India. Tata Power is currently serving more than 12 million consumers via its Discoms, under a public-private partnership model viz Tata Power Delhi Distribution Ltd. with the Government of Delhi in North Delhi, TP Northern Odisha Distribution Limited, TP Central Odisha Distribution Limited, TP Western Odisha Distribution Limited, and TP Southern Odisha Distribution Limited with the Government of Odisha. With a focus on sustainable and clean energy development, Tata Power is steering the transformation as an integrated solutions provider by looking at new business growth in distributed generation through rooftop solar and Microgrids, storage solutions, solar pumps, EV charging infrastructure, ESCO, home automation & smart meters et al. With its 107 legacy of technology advancements, project execution excellence, world-class safety processes, customer care, and green initiatives, Tata Power is well poised for high growth trajectory and is committed to lighting up lives for generations to come. For more information visit us at: [www.tatapower.com](http://www.tatapower.com).

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