

## **Tata Power Renewables Commissions 300 MW Solar plant in Dholera, Gujarat with India's largest single axis solar tracker system**

- Plant to reduce carbon emission by 704340 MT/year

**National, 4<sup>th</sup> April, 2022:** Tata Power Renewables Energy Ltd (TPREL), a wholly-owned subsidiary of Tata Power has commissioned a 300 MW project in Dholera, Gujarat. It is India's largest single-axis solar tracker system. The project will generate 774 MUs annually. Along with this, it will reduce approximately 704340 MT/year of carbon emission. The installation entails 873012 nos. of Monocrystalline PV Modules. The project was commissioned well within the stipulated timeline.

Despite the various COVID-19 challenges faced by the industry, TPREL through Tata Power's EPC arm Tata Power Solar Systems Limited has successfully completed the project within the project timelines due to its excellent project execution capabilities and experience. Tata Power managed customized installation, basis the geographical locations and land conditions. The total area used for the installation is 1320 Acre divided into six different plots of 220 acres each.

The weather conditions at the site during the construction period were unpredictable due to very heavy rains leading to the 33 KV cable trench being submerged in water. However, with the help of floaters, the execution team laid HT Cables at the location. Pre-cast ballasts were also used to lay power cables 500 mm above the ground instead of conventional underground laying. Despite the challenges like weather, machinery, and manpower movement, the project was commissioned successfully.

Speaking about the commissioning of the project, **Dr. Praveer Sinha, CEO & Managing Director, Tata Power**, said "Commissioning of India's largest single-axis solar tracker system of 300 MW Solar plant at Dholera in Gujarat within the set timelines is a proud moment for Tata Power. Our technical expertise and project execution skills will further solidify our position in the solar EPC space and help India lead the way in renewable energy growth."

With the addition of 300 MW, the renewables capacity in operation for Tata Power will now be 3,400 MW with 2,468 MW of Solar and 932 MW of Wind. Tata Power's total Renewable capacity is 5,020 MW including 1,620 MW of Renewable projects under various stages of implementation.

**About Tata Power:**

Tata Power (NSE: TATA POWER; 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 13,515 MW. The Company is India's most progressive green energy brand, with operations across the entire power value chain - generation of renewable 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 (Gujarat) based on super-critical technology. With 4.7 GW of clean energy generation from solar, wind, hydro, and waste heat recovery accounting for 34% of the overall portfolio, the company is a leader in clean energy generation.

It has successful public-private partnerships in generation, transmission & distribution in India viz: Powerlink's Transmission Ltd. with Power Grid Corporation of India Ltd. for evacuation of Power from Tala hydro plant in Bhutan to Delhi, Maithon Power Ltd. with Damodar Valley Corporation for a 1,050 MW Mega Power Project at Jharkhand.

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 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, EV charging infrastructure, ESCO, home automation & smart meters et al.

With its 107 years track record of technology advancements, project execution excellence, world-class safety processes, customer care, and green initiatives, Tata Power is well poised for multi-fold growth 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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