



29th January 2024

To,
National Stock Exchange of India Ltd.
Exchange Plaza, 5th Floor,
Plot No.C/1, 'G' Block,
Bandra Kurla Complex,
Bandra (East),
Mumbai 400 051.

Dear Sir / Ma'am,

Sub: Press Release

Please find enclosed the press release titled "Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology".

This is for your reference and records.

Thanking you.

Yours faithfully,
For The Tata Power Renewable Energy Limited

Jeraz E Mahernosh
Company Secretary
FCS: 7008

Encl: As above

Tata Power Renewable Energy Limited

CIN : U40108MH2007PLC168314

C/o The Tata Power Company Limited

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Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology

- The first-ever installation of on-ground bifacial modules captures sunlight from both sides of the panels, leading to increased energy generation
- Generate an estimated 1.5 MUs of energy annually; reduces carbon footprint of 29,420 lakh tonnes of CO₂, equivalent to planting 47,000 teak trees

National, January 29th 2024: Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India. Despite the challenging monsoon conditions over a period of 3.5 months, the project involving the installation of approximately 1,900 modules was completed within an impressive six-month timeframe and is expected to generate an estimated 1.5 MUs of energy annually for the Tea Estate.

Speaking on the project commissioning, Mr. Deepesh Nanda, MD & CEO, Tata Power Renewable Energy Limited, said, *"TPREL takes great pride in announcing the successful commissioning of this innovative Bifacial Solar System project at Asia's largest tea estate. The innovative Bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation. We are proud to be at the forefront of this revolution, pushing the boundaries of technological excellence and environmental stewardship."*

The recent inauguration ceremony, attended by around 100 tea garden workers and owners, underscored the transformative impact of TPREL's commitment to clean and sustainable energy practices in the region. The initiative is projected to significantly reduce the region's carbon footprint, with an estimated annual decrease of 29,420 lakh tonnes of CO₂, equivalent to planting 47,000 teak trees.

Mr. Gajendra Sisodia, General Manager, Chengmari Tea Estate, said, *"Chengmari Tea Estate has always been a symbol of quality and tradition. Today, we add another feather to our cap as we step into a greener future. We are immensely grateful to Tata Power Renewables for their commitment and expertise in turning this vision into reality. This project is not just about harnessing solar power; it's about setting a precedent for sustainable practices in the industry. Together, we are making a lasting positive impact on the environment and paving the way for a more sustainable future for all."*

With this addition, the total renewables capacity of TPREL reached 9,012 MW (PPA capacity is 7,626 MW), which comprises 4,752 MW of projects in different phases of development and an operating capacity of 4,260 MW, including 3,241 MW in solar projects and 1,019 MW in wind projects.

About Tata Power Renewable Energy Limited:

Tata Power Renewable Energy Limited ("TPREL") is a subsidiary of The Tata Power Company Limited and is one of the country's most significant renewable energy players. TPREL is a developer of renewable energy projects (including solar, wind, hybrid, round-the-clock (RTC), peak, floating solar, and storage systems including battery storage) that it owns, operates, and maintains. It also offers comprehensive green energy solutions for rural and urban areas like turnkey, EPC and O&M solutions for various business segments like utility-scale projects, solar rooftop, and solar pump systems. Along with its extensive portfolio of renewable solutions, it has a state-of-the-art solar cell and module manufacturing plant of 530 MW solar cells and 682 MW modules in Bengaluru and plans to set up a Greenfield to set up a Greenfield 4.3 GW solar cell & solar module plant in Tamil Nadu. In addition, TPREL also provides electric vehicle (EV) charging solutions across various segments and other advisory solutions across the renewable sector. As on date, TPREL's total renewable utility capacity is 9,012 MW* (PPA capacity is 7,626 MW) including 4,752 MW projects under various stages of

implementation and its operational capacity is 4,260 MW, which includes 3,241 MW solar and 1,019 MW wind. Presently, the company's solar EPC portfolio is more than 12.8 GWp of ground-mount utility-scale, over 1.8 GW of rooftop and distributed ground-mounted systems, and over 1,00,000 solar water pumps. TPREL aims to provide energy access to millions of people across the country via its integrated green energy solutions. Know more: www.tatapowersolar.com

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 14,453 MW. The Company has a presence across the entire power value chain - generation of renewable as well as conventional power including hydro and thermal energy, transmission & distribution, and trading. The Company developed the country's first Ultra Mega Power Project at Mundra (Gujarat) based on super-critical technology. With 5,593 MW of clean energy generation from solar, wind, hydro, and waste heat recovery accounting for 39% 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: Powerlinks Transmission Ltd. with Power Grid Corporation of India Ltd. for evacuation of Power from the 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 12.9 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. In its 108 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

For further information, please contact:

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