

Tata Power Renewable Energy Limited Signs PPA with SJVN Limited to set up 460 MW Firm and Dispatchable Renewable Energy Project

- Plant to generate nearly 3000 million units (MUs) of power and offset ~2,200 Mn. Kgs of CO₂ emissions annually
- FDRE facilitates round-the-clock power supply, aiding Discoms in meeting RPO and ESO

National, 3rd May, 2024: Tata Power Renewable Energy Limited (TPREL), a leading entity in India's renewable energy landscape and a subsidiary of The Tata Power Company Limited, has signed a Power Purchase Agreement (PPA) with SJVN Limited (SJVN), an Indian Public Sector Undertaking (PSU), for a 460 MW Firm and Dispatchable Renewable Energy (FDRE) Project.

The plant, designed to meet the 460 MW FDRE requirement, integrates solar, wind, and battery storage technologies to ensure efficient energy dispatch during peak hours, thereby stabilizing the grid. FDRE enables round-the-clock power supply, assisting Distribution Companies (Discoms) in fulfilling Renewable Purchase Obligations (RPO) and Energy Storage Obligations (ESO). This win marked TPREL's inaugural success in the FDRE tender, highlighting its commitment to providing reliable and sustainable energy solutions.

Commenting on the partnership, Mr. Deepesh Nanda, CEO and Managing Director, Tata Power Renewable Energy Limited, said, *"This partnership with SJVN Limited will witness the deployment of best-in-class sustainable energy solutions from TPREL. It will go a long way in meeting the green energy objectives of SJVN Limited. By integrating diverse renewable energy sources and leveraging the importance of Firm and Dispatchable Renewable Energy (FDRE), the collaboration will ensure a dependable power supply and also actively contribute to India's ambitious renewable energy targets."*

Pawan Varma, Executive Director (REIA & RTS) at SJVN Limited, said, *"We are excited to collaborate with Tata Power Renewable Energy Limited in this endeavour to promote renewable energy in India. Through this partnership, we aim to leverage our combined expertise to drive innovation and support the nation's transition towards clean energy."*

The plant is anticipated to generate approximately 3,000 MUs of power while offsetting around ~2200 Mn. Kgs of CO₂ emissions annually.

With addition, the total renewables capacity of TPREL has reached 9,421 MW (PPA capacity is 7,978 MW) including 4,906 MW projects under various stages of implementation. The Company's operational capacity stands at 4,515 MW, which includes 3,485 MW solar and 1,030 MW wind.

Presently, the Company's solar EPC portfolio is more than 12.8 GWp of ground-mount utility-scale, over 2 GW of rooftop and distributed ground-mounted systems and over 1,00,000 solar water pumps. TPREL is committed to providing energy access to millions of people across the country via its integrated green energy solutions.

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 9,421 MW (PPA capacity is 7,978 MW) including 4,547 MW projects under various stages of implementation and its operational capacity is 4,515 MW, which includes 3,485 MW solar and 1,030 MW wind. Presently, the company's solar EPC portfolio is more than 12.8 GWp of ground-mount utility-scale, over 2 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 is a leading integrated power company and a part of Tata Group, India's largest multi-national business conglomerate. The company has a diversified portfolio of 14,707 MW, spanning across the entire power value chain - from renewable and conventional energy generation to transmission & distribution, trading, storage solutions and solar cells and module manufacturing. As a pioneer of clean energy transition in India, Tata Power has 5,593 MW of clean energy generation, which constitutes 40% of its total capacity. The company has also committed to achieve carbon neutrality before 2045. Tata Power has established India's most comprehensive clean energy platform, with offerings such as rooftop solar, microgrids, storage solutions, EV charging infrastructure, home automation et al. The company has also attracted global investors to support its growth and vision. Tata Power has successfully partnered with public and private entities in generation, transmission & distribution sectors in India, serving approx. 13 million customers across the country. To know more about Tata Power, visit www.tatapower.com

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