

Tata Power Renewable Energy to set up 41 MW captive solar plant for TP Solar upcoming 4.3 GW solar cell and module manufacturing facility in Tamil Nadu

Captive plant to generate 101 million units of electricity a year, offsetting 71,577 metric tonnes of CO2 emissions

National, 27th September 2023: Tata Power Renewable Energy Limited (TPREL), a subsidiary of The Tata Power Company Limited, will set up a 41 MW captive solar plant at Thoothukudi, Tamil Nadu for TP Solar Limited (TP Solar)'s new greenfield 4.3 GW solar cell and module manufacturing facility located at Tirunelveli, Tamil Nadu. The captive plant will help generate 101 million units of electricity and offset around 72,000 metric tonnes of CO2 emissions annually.

The captive solar project will be commissioned 12 months from the signing of the Project Development Agreement (PDA). TPREL has established TP Govardhan Creatives Limited, a specialized entity entrusted with the development, operation, and upkeep of this facility for TP Solar. TP Solar's manufacturing plant is expected to start commercial production of cells and modules by FY 24-25. TP Solar Ltd., is a subsidiary of Tata Power Renewable Energy Limited.

Mr. Ashish Khanna, CEO, TPREL, said, *"Green energy supply to our state-of-the-art 4.3 GW solar cell and module manufacturing facility from the captive solar plant is a shining example of our commitment to a sustainable transition to green energy. This arrangement will act as a model for all the upcoming solar component manufacturing facilities to source green energy for their production and the resulting domino effect will significantly contribute towards the country's ambitious target of achieving 500 GW of non-fossil fuel-based energy capacity by the end of this decade."*

With this new captive solar plant, TPREL's total capacity will expand to 7,877 MW including 3,720 MW of projects at different stages of implementation, and an operational capacity of 4,157 MW, comprising 3,154 MW solar energy and 1,003 MW wind energy.

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 of 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 7,877 MW including 3,720 MW projects under various stages of implementation and its operational capacity is 4,157 MW, which includes 3,154 MW solar and 1,003 MW wind. Presently, the company's solar EPC portfolio is more than 11.5 GWp of ground-mount utility-scale, over 1.7 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

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