



September 9, 2024

BSE Limited  
Corporate Relationship Department  
Phiroze Jeejeebhoy Towers  
Dalal Street  
Mumbai – 400 001.  
Scrip Code: 500400

National Stock Exchange of India Limited  
Exchange Plaza, C-1, Block G,  
Bandra-Kurla Complex,  
Bandra (East)  
Mumbai – 400 051.  
Symbol: TATAPOWER

Dear Sir/Madam,

**Sub.: Press Release**

Please find enclosed the press release titled “Tata Power commences production of Solar Cell at India’s largest Single-Location 4.3 GW Solar Cell and Module Manufacturing Plant in Tirunelveli, Tamil Nadu”.

This is for your reference and records and not a disclosure in terms of the requirements of Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Yours Sincerely,  
**For The Tata Power Company Limited**

Vispi S. Patel  
Company Secretary  
FCS 7021

Encl: As above

**TATA POWER**

**The Tata Power Company Limited**

Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001

Tel 91 22 6665 8282 Fax 91 22 6665 8801

Website : [www.tatapower.com](http://www.tatapower.com) Email : [tatapower@tatapower.com](mailto:tatapower@tatapower.com) CIN : L28920MH1919PLC000567

## Tata Power commences production of Solar Cell at India's largest Single-Location 4.3 GW Solar Cell and Module Manufacturing Plant in Tirunelveli, Tamil Nadu

- Facility set to boost domestic manufacturing of Cell and Module and thereby aid India's solar energy and net-zero goals
- State-of-the-art facility equipped with advanced TOPCon and Mono Perc technology to enhance solar cell efficiency



**Photo Caption: A woman employee is working at the state-of-the-art cell production line at Tata Power's Solar Cell and Module Manufacturing Plant in Tirunelveli, Tamil Nadu. This is India's largest single-location integrated facility and is run by an 80% women workforce.**

**National, September 9, 2024:** TP Solar Limited one of India's largest cell and module manufacturing companies and a subsidiary of Tata Power Renewable Energy Limited (TPREL, a subsidiary of The Tata Power Company Limited), today proudly announced the commencement of commercial production from the 2GW solar cell line at its state-of-the-art manufacturing facility in Tirunelveli, Tamil Nadu — the country's largest single-location solar cell & module plant. This milestone follows the successful production of solar modules earlier this year.

The indigenous production of solar cells marks a significant milestone, supporting India's ambitious clean energy goals and reducing reliance on imports. The solar cell production, currently at 2 GW capacity will enhance Tata Power's ability to meet the growing demand for high-quality, and domestically produced solar components, especially for large-scale capacity-addition projects. The plant is expected to ramp up production with the remaining 2 GW capacity to be added over the next 4-6 weeks, reaching peak production within the next few months.

Having a total cell & module manufacturing capacity of 4.3 GW, the module production line at the Tirunelveli plant was commissioned in October 2023 and has produced 1250 MW of solar modules till date.

**Expressing his excitement for India's renewable energy future, Dr. Praveer Sinha, CEO & Managing Director, Tata Power, said,** *"The commencement of cell production at our Tirunelveli plant is a significant step towards indigenisation in the solar value chain and achieving self-sufficiency. We are committed to making solar power accessible to all and ensuring a bright future for India, powered by renewable energy. We believe that this plant will lead the way in supporting the country's vision for a Net-Zero carbon future."*

The facility is equipped with advanced TOPCon and Mono Perc technology, enabling high-efficiency production of solar cells and modules. TPREL's investment in this cutting-edge technology aligns with its vision of fostering innovation and self-reliance in the renewable energy sector.

The company has committed nearly ₹4,300 crore towards the establishment of this facility. It is a cornerstone of Tata Power's strategy to lead India's renewable energy transition, particularly in the solar rooftop and utility-scale segments, where it holds a 20% market share and aims for further expansion under programs like PM Surya Ghar Yojana. While the modules produced from this factory are a part of the Government's Approved List of Models and Manufacturers (ALMM), the company is confident that its high-quality cells will also make it to the ALMM list for cells, expected to be announced by the Government soon.

The solar cells and modules produced at the Tamil Nadu facility will initially cater to the company's ongoing projects, further strengthening its supply chain. With an eye on future expansion, Tata Power also plans to explore opportunities for wider market distribution.

In addition to the Tirunelveli plant, the company also operates a world-class manufacturing facility established in 1992 in Bengaluru, Karnataka. This facility, equipped with cutting-edge technology, has a production capacity of 682 MW for solar modules and 530 MW for solar cells. To date, it has supplied a total of 3.73 GW of solar modules and 2.26 GW of solar cells.

As a pioneer in the energy sector, Tata Power is playing an important role in building a sustainable and self-reliant India. The company's commitment to expanding its clean and green energy capacity is evident in its ambitious targets. Tata Power aims to increase its renewable energy portfolio from 41% to 70% by 2030, positioning itself as a key player in the global energy transition.

#### **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 15,010 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 6150 MW of clean energy generation, which constitutes 41% 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](http://www.tatapower.com)

#### **Disclaimer:**

The following press release/announcement may contain forward-looking statements within the meaning of applicable securities laws and regulations. These statements are based on management's current views, expectations, assumptions, and projections regarding the Company's future performance, business plans, growth prospects, competitive and regulatory environment, and other related matters. Such forward-looking statements are subject to various risks and uncertainties, which may cause actual results to differ materially from those expressed or implied in the statements. Factors that could cause actual results to differ materially from those contemplated in the forward-looking statements are not limited to changes in economic conditions affecting demand/supply and price conditions in the domestic and overseas markets in which the Company operates, alterations in the business environment, fluctuations in Government regulations, laws, statutes, judicial pronouncements, and other incidental factors. The Company does not undertake any obligation to publicly update or revise any forward-looking statements based on subsequent events, information, or developments, except as required by applicable laws and regulations.

#### **For more information:**

**Tata Power- Corporate Communications**Email: [mediaquery@tatapower.com](mailto:mediaquery@tatapower.com)

Jyoti Kumar Bansal, Chief – Branding &amp; Communications, Tata Power

Email: [jyotikumar.bansal@tatapower.com](mailto:jyotikumar.bansal@tatapower.com)

Siddharth Gaur – Head PR, Tata Power

E-mail: [Siddharth.gaur@tatapower.com](mailto:Siddharth.gaur@tatapower.com)**Adfactors PR:**

Siddharth Kumar, Adfactors PR

M: +91 9902929187

Email: [siddharth.kumar@adfactorspr.com](mailto:siddharth.kumar@adfactorspr.com)