

February 3, 2025

To,

The Manager

National Stock Exchange of India Limited
Exchange Plaza, Plot No. C/1, G Block,
Bandra – Kurla Complex, Bandra (E),
Mumbai – 400051

Symbol: SOLEX

Subject: Press Release

Dear Sir / Madam,

We are pleased to enclose a press release dated February 3, 2025, titled “**Solex Energy Limited Commissioned Advanced 800 MW High-Speed Manufacturing Line Featuring N-Type TOPcon Rectangular Cell-Based Modules.**”

The company has successfully commissioned an 800 MW high-speed manufacturing line, incorporating cutting-edge N-Type TOPcon rectangular cell-based module technology. This marks a significant milestone in our expansion, with the facility now operational for initial production runs. The commencement of large-scale output is expected to follow soon, reinforcing our commitment to innovation and growth in the renewable energy sector.

This is for your information and records.

Thanking you,

Yours faithfully,

For, Solex Energy Limited



Chetan Sureshchandra Shah
Chairman & Managing Director
DIN: 02253886

Encl.: Press Release

Press Release

Solex Energy Limited Commissioned Advance 800 MW High-Speed Manufacturing Line Featuring N-Type TOPcon Rectangular Cell-Based Modules

India's Biggest Chamber Laminators: A Game-Changer in Solar Module Production

Surat, Gujarat, February 3, 2025, [Solex Energy Limited](#) (NSE: [SOLEX](#)), one of India's most trusted solar brand, proudly announces the commissioning of its groundbreaking 800 MW manufacturing line. This new facility is designed for high-speed, precision-driven production, which sets a benchmark in India's solar module manufacturing landscape.

Equipped with the latest technology, the new line is tailored for mass production of **N-Type, rectangular cell Tapi-R series modules** ranging from **585 Wp to 625 Wp**. This high-speed production line operates **30% faster** than other production lines in India, ensuring greater output efficiency and reduced lead times.

The facility integrates **Artificial Intelligence (AI) and Automated Optical Inspection (AOI)** and is **fully automated**, significantly enhancing quality control while reducing manual intervention.

A standout feature of the new facility is **India's biggest chamber laminators**, a pioneering innovation that significantly enhances module production. This cutting-edge technology enables **higher module laminations in a single cycle**, boosting efficiency while maintaining stringent quality standards.

The Tapi-R series, named after the Tapi River, a symbol of vitality in the region where Solex is headquartered—features **N-Type TOPcon technology** and a **rectangular cell design** that enhances power efficiency and reliability. With a 182.2 x 210 mm cell size and **132 half-cut cells**, the Tapi-R modules deliver up to **625 WP of power** with an impressive **23.14% module efficiency**. These modules are engineered for superior performance in challenging environments such as deserts and barren lands, boasting a **bifacial rate of approximately 80%** and an outstanding **power temperature coefficient of -0.28%/°C**.

Clients can now **pre-book the Tapi-R series**, gaining access to state-of-the-art solar technology backed by a **12-year product warranty** and a **30-year linear performance guarantee** with the lowest annual degradation.

Solex Energy Limited is investing to expand its manufacturing capabilities further as part of its Vision 2030 strategy. The company plans a new cell manufacturing facility with an initial capacity of 2 GW, scalable up to 5 GW, and an increase in **module manufacturing capacity from 1.5 GW to 15 GW**. This expansion aligns with Solex's mission to become a fully integrated solar player and support India's clean energy goals.

“As we commission this advanced manufacturing line, we reaffirm our commitment to innovation and sustainability,” said [Chetan Shah, Chairman & Managing Director of Solex Energy Limited](#). “This advancement enhances our production efficiency and aligns with our Vision 2030 to drive clean energy adoption through world-class solar solutions.”

Solex Energy Limited continues to lead the solar revolution, focusing on advanced manufacturing, automation, and high-efficiency module production. The company is dedicated to strengthening India's solar manufacturing ecosystem while catering to global markets.

Follow Solex Energy on social media: [LinkedIn](#) | [Facebook](#) | [YouTube](#) | [Instagram](#) | [Twitter](#)

About Solex Energy Limited:

Headquartered in Surat, Solex Energy has been a pioneer in sustainable energy since 1995. As the first Indian solar brand listed on [NSE Emerge \(stock code: SOLEX\)](#), Solex is renowned for producing high-end photovoltaic modules at competitive prices and offering comprehensive EPC services.

Our global factory in Tadkeshwar, Gujarat, has a 1.5 GW production PV module manufacturing capacity. Solex holds key certifications for domestic and international markets and exports to several countries. As a trusted OEM provider, we serve internationally recognised brands.

Built upon our core values of consistency, quality, and commitment, we transcend being merely a solar company to become your trusted partner in fulfilling your PV module and EPC requirements.

For media inquiries, please contact:

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