

Jakson Leads India's Shift to Circular Solar Economy with Nation's First Hi-Tech PV Recycling Facility

The facility will be capable to recycle ~5,00,000 solar panels, i.e., ~13,500 tonnes of modules annually, recovering critical materials and enabling responsible end-of-life solar management.



New Delhi, India - December 15, 2025: Jakson Engineers Limited (JEL), part of the energy and infrastructure conglomerate Jakson Group, announced the signing of a contract with European technology provider to establish India's first hi-tech photovoltaic (PV) module recycling plant. The agreement was formalised between **Mr. Gagan Deep Chanana, Joint MD & CEO, JEL**, and **Managing Director, Ecoprogetti SRL**, the technology provider company in the presence of **Mr. Bharat Gupta, Board of Director, JEL**. This milestone positions Jakson as the first Indian company to procure a Hi-Tech PV recycling facility, underscoring India's growing commitment to responsible clean-energy lifecycle management.

The advanced facility will be capable of recycling approximately **300 MW of solar panels per year**, equivalent to over **5,00,000 PV modules annually**. Designed with a processing speed of **60 panels per hour**, the plant will handle close to **1.62 tonnes of material per hour** and more than **13,500 tonnes of PV waste every year**. This high-capacity system will support the scientific, safe and environmentally sound handling of end-of-life solar panels, a challenge that is expected to grow significantly as India accelerates renewable-energy adoption.

*"This investment marks an important step in India's clean-energy transition. By recovering valuable materials such as aluminium, glass, silicon, copper and silver, we will be reducing the industry's dependence on virgin raw materials and ensuring that solar power becomes truly circular and resource-efficient", said **Mr. Gagan Chanana**. "This initiative aligns strongly with Hon'ble Prime Minister Shri Narendra Modi's vision for a circular economy and reinforces our responsibility towards sustainable growth."*

Mr. Bharat Gupta, added, *"As India expands its solar footprint, the responsible management of end-of-life modules will be essential for the long-term sustainability and resilience of the sector. This facility*

will divert thousands of tonnes of waste from landfills each year while returning critical materials back into the manufacturing ecosystem. Through strategic investments like this, we are ensuring that solar energy remains clean, sustainable and future-ready throughout its lifecycle.”

With this initiative, Jakson strengthens its position at the forefront of India’s evolving energy landscape, creating a model for responsible solar-lifecycle management. The company recently laid the foundation stone for Phase 1 of its **6 GW Integrated Solar Ingot, Wafer, Cell, and Module Manufacturing Facility** in Madhya Pradesh, backed by an investment of over **₹8,000 crore**. These backward-integration efforts, combined with the PV module recycling facility, highlight Jakson’s growing commitment to building a fully circular, end-to-end renewable-energy ecosystem powered by world-class technology and long-term sustainability at its core.

About Jakson Group:

Established in the year 1947, the Jakson Group has evolved from specializing in Diesel Generator Manufacturing to becoming a multifaceted Energy Solutions provider. The company's prowess encompasses Distributed Energy, Solar Power, Eco-friendly Energy sources, Alternative Fuels, and high-tech Energy Storage Systems, as well as Renewable, Civil, and Infrastructure EPC services. The Company has an extensive presence throughout India with 6 manufacturing facilities, 30+ Sales Offices, 11 international offices and a wide network of channel partners and dealers making it one of the top 10 energy companies in India. The company, with around 3500 employees, focuses on offering high-quality products and value-driven solutions. Drawing from extensive expertise in the Energy Industry, it serves more than 75,000 loyal customers. For more information on the Company, please visit www.jakson.com

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