

synergy

Jakson Solar: Partnering Nature



Uniting Vision and Innovation
for Renewable Energy ----->

SOLAR Sahi Hai

”

I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait until oil and coal run out before we tackle that." "Solar power is the last energy resource that isn't owned yet - nobody taxes the sun yet."

Albert Einstein

THE POWER OF SOLAR

From CEO's Desk

Mr. Anurag Garg



THE YEAR 2024-25 IS POISED TO BE THE YEAR OF SOLAR & ESTABLISH NEW BENCHMARKS FOR SUCCESS

Dear Solar Warriors, Congratulations on completion of a yet another successful business year of having achieved the highest ever sales revenue, consecutive years of being in profit, network expansion for better customer outreach and having upgraded our product & manufacturing technologies. I extend my heartfelt wishes of gratitude to each one of you for having contributed to this growth.

As we embark on a new financial year, I'm brimming with excitement about the opportunities that lie ahead. The year 2024-25 is poised to be a defining moment for us, as we fully embrace the solar revolution. With the government's ambitious PM Surya Ghar Yojna lighting our path, the business environment is primed for exponential growth in the solar sector. Moreover, with the reimplemention of ALMM by MNRE, there's a significant boost to domestic solar manufacturing, bolstering our future roadmap.

“ We are investing in upskilling while attracting top talent to fuel our growth. To Top it all & just at the right time, we have enhanced our Manufacturing Capabilities to 1.2 GW to serve the growing needs of our customers.

In FY 24-25, we're doubling down on building the Jakson Solar brand which will provide us with a competitive edge in the market. Let's march forward with confidence, determination, and a shared vision for a sustainable future! ”

LANDMARK INSTALLATIONS

FEATURE STORY

➤➤➤ **Jakson modules powering the transformation of the Holy City of Ayodhya**

JAKSON AT THE SOLAR CITY, AYODHYA

- Powering the 40 MW solar project by NTPC in Ayodhya using more than ~1,00,000 Jakson Modules
- 250 KW Ayodhya Airport being solarized by Jakson solar modules
- Providing clean drinking water to the holy city of Ayodhya with ~300 Jal Jeevan Mission Schemes



➤➤➤ **SPECIAL PROJECT**
**1st Floating solar plant using
Jakson Helia Modules**

1ST FLOATING SOLAR PLANT

- 2.5 MW floating solar plant near Chandigarh.
- Using more than 4500 nos. Jakson-make Helia 555Wp monofacial half-cut cell modules.
- Yet another milestone showcasing the versatility and extra-ordinary product quality of Helia series PV modules.

SCOOPS



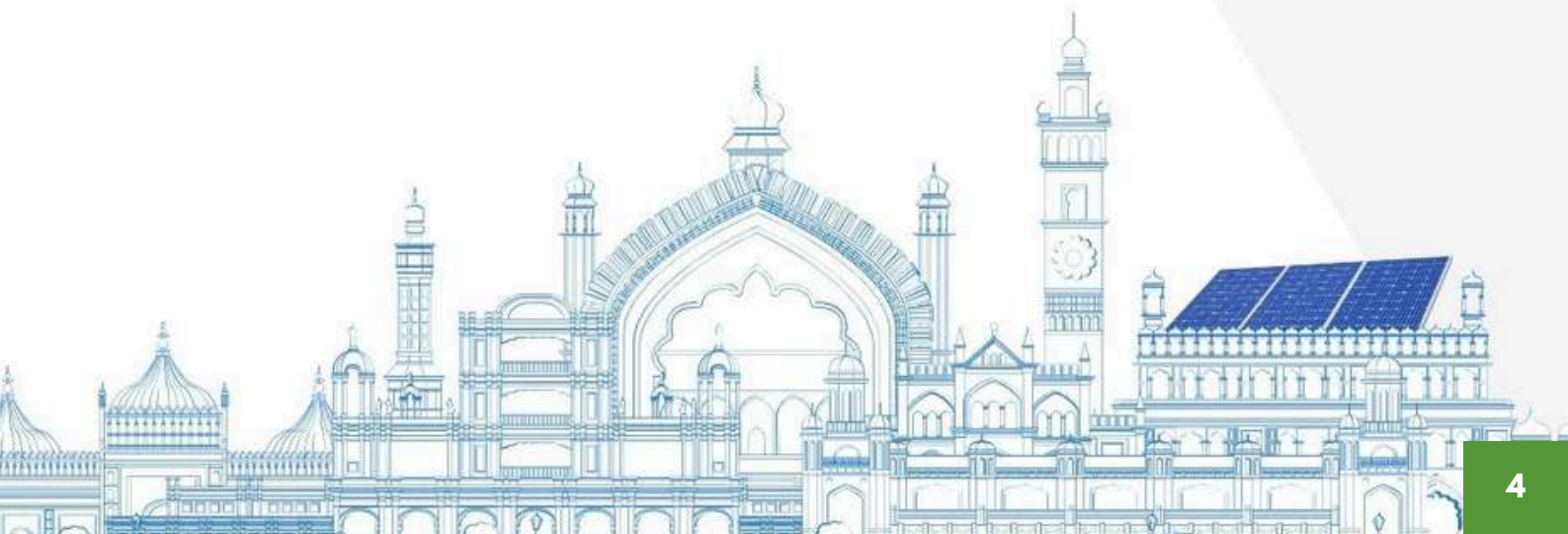
01.

Panelist at the CNBC Zetwerk

Power & Sun Solar Systems Private Limited – our new CP for Lucknow & Maharashtra joined hands with us to mutually serve the states.

02. Joining hands with New Channel Partner

Mr Anurag Garg, CEO – Jakson Solar, participated as a distinguished panelist at the CNBC Zetwerk Smart Manufacturing Summit 2024



NOTABLE

PM Surya Ghar Yojna in Uttarakhand

Multiple residential rooftop installations have been powered by Jakson solar modules, executed under the PMSGY scheme

**Total installations ~400 KW
Project executed across Uttarakhand through our partners Bhumika Solar, Devbhumi Enterprises and Vindhya Solar**



Supply of 15.5 MW for GSECL, Gujarat

**Customer Name: BVG India Limited
Capacity: 15.3MW
No. of Modules Supplied: 27,832 Nos.
Type of Module: Mono-Facial 550Wp Non-DCR Module
Location: Mora, Surat, Gujarat**

Supply of 1 MW for IOCL

**Customer Name: APM Projects Limited
Capacity: 1 MW
No. of Modules Supplied: 1802 Nos.
Type of Module: Mono-Facial 555Wp Non-DCR Module
Location: Jaipur, Rajasthan**



700 KW installation at Presstress Steel, Kashipur, Uttarakhand

**Partner Name: Supaasi Solar
Project capacity: 700 KW
Module ratings supplied: 555 Wp**

PROJECTS

320 KW Mangalam Industrial Park- Manoharpur (Jaipur - Delhi highway)

Partner Name : KWIKSOL GREEN, JAIPUR
Project Capacity: 320 KW
Module Ratings Supplied: 550 Wp



900 KW installation at Neel metal Products Limited, Pantnagar, Uttarakhand

Partner Name: Cresent Solutions
Project Capacity: 900 KW
Module Ratings Supplied: 555 Wp

430 KW installation at KPH Fabrics Pvt Ltd, Palwal, Haryana

Partner Name: Pratham Urja
Project Capacity: 430 KW
Module Ratings Supplied: 555 Wp



83 KW installation at UNESCO New Delhi Cluster Office

Partner Name : Alien Energy
Project Capacity: 83 KW
Module Ratings Supplied: 555 Wp

PRODUCT NEWS

Introducing Jakson Solar's latest and most hi-tech solar panel - Helia NXT powered by latest TOPCon N-Type cells for maximum efficiency and performance



We thank all our customers & partners for their support in fast transition from lower Efficiency (17%) Poly module to Helia Range of High Efficiency (>21%) MonoPerc Solar Modules whose production commenced in March 2022 at our Fully automatic 500 MW Production line . Jakson was among the 1st Indian Companies to launch M10 range Monoperc Modules upto 600 Wp and also the 1st among leading Indian module manufacturers to fully discontinue production of Poly modules. It was in line our commitment to ensure our Customers get the latest and more efficient modules for their solar power investments .

Ariel RE Insurance - Jakson Modules are certified & approved for 3rd Party Warranty Insurance cover by Ariel RE

Technology Trend 2024 MonoPerc Technology witnessed increase in Cell Efficiency from 22.7% to 23.4% in last 2 years and almost reached its optimum efficiency for mass commercial production.

In 2023, we introduced Helia Plus range (Bifacial Module using M10 MonoPerc Cell with Transparent Backsheet) which provide more power using reflected light from rear side of module through Transparent Backsheet. With trust & confidence of our Customers & Partners on Jakson Team and Product Quality, we were able to increase our market presence and reach to more states & cities. We feel proud to share that today more than 11 Lakh Numbers of our Helia & Helia Plus range of modules are providing power to customers (Residential, Commercial ,Industrial, Agriculture-KUSUM , Utility Projects) installed on rooftop/ Industrial Sheds/ Mountains/Deserts/Floating applications and so on. For better performance and longer life of bifacial module we use special encapsulant (having higher PID & UV Resistance properties) with transparent Backsheet.

With introduction of N Type Technology, Cell efficiency has increased to 25% and module power using 144 Cells will increase from 550Wp to 580/585Wp (module efficiency approx. 22.6%) in same size. TopCon Technology Cells has a lot of advantages (Low LID/LETID/better Temperature Coefficient etc.) but also has some challenges (prone to Moisture) which is being addressed with improved Cell processes and enhanced protections through right selection of Bill of Material and module production processes for TopCon Modules.

We at Jakson have studied this trend closely and pleased to share we would be introducing our TopCon Module Range in this quarter (available from June 2024) which would be manufactured at our newly commissioned 600 MW line capable of producing modules up to 20 BB.

HR & PLANT PREPS

WOMEN'S DAY

Mr. Anurag Garg, CEO of Jakson Solar, honoured the women of our solar family, affectionately calling them #SoulOfSolar..



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Special thanks to **Ms. Neeta Mathur** for her inspiring words, igniting a spark of empowerment in our female workforce.

SAFETY WEEK 2024



From flag hoisting at our solar plant where our team was sensitized to engaging PPE exhibitions, and life support training by experts. Our commitment to Zero Harm was reinforced with a collective safety pledge, resonating today and every day.

YOUNG INDIA FOUNDATION VISIT



Jakson Solar is thrilled to have hosted students from Delhi Institute of Higher Education (DIHE) and Mangalmay Group of Institutions at our Solar Module Manufacturing Facility

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Events & Expos

Highlights from B2B trade events Participations



Visit of Dy. CM at our stall of respective states in UP and Chhattisgarh events

Maha Solar Expo, 2nd & 3rd March 2024, Pune



*Chhattisgarh Solar Expo
9th to 11th Feb 2024, Raipur*



*Bharat Solar
Expo, 2nd to
4th Feb
2024, Jaipur*



Organized EPC meet in Dehradun

- Over 50 EPCs from the Uttarakhand region joined us for the gala event
- Targeted the empanelled vendors under MSSY scheme of Uttarakhand
- Opportunity for networking and providing hand on feel of Jakson Solar modules



**Industrial Engineering and Manufacturing Expo (IEME),
5th to 8th Jan, Indore**



- Moving across the length and breadth of the country including UP, Rajasthan, MP, Chhattisgarh and Maharashtra
- Enhanced brand visibility of Jakson in these specific markets
- To act as a confidence building measure for channel partners & dealers



**National Solar and EV Expo, 7th to 9th
March 2024, Lucknow**





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