

### **INSOLATION ENERGY LTD..**



SOLAR PANEL | BATTERY | PCU

CIN: L40104RJ2015PLC048445 | GST No.: 08AADCI9937J1Z0

26<sup>th</sup> May, 2025

To,
The Manager – Listing Department
BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai-400 001
BSE Scrip Code: 543620

Symbol: INA

Subject: Disclosure under regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015: Investor Presentation

Dear Sir / Madam,

Pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are enclosing herewith the Investor Presentation on audited Financial Results of the Company for the half year and year ended on 31<sup>st</sup> March, 2025.

This is for your information and records.

Thanking You,
For and on behalf of Insolation Energy Limited

Nitesh Sharma Company Secretary & Compliance Officer

ACS: 66702 Encl.: As above







# VISION 360:

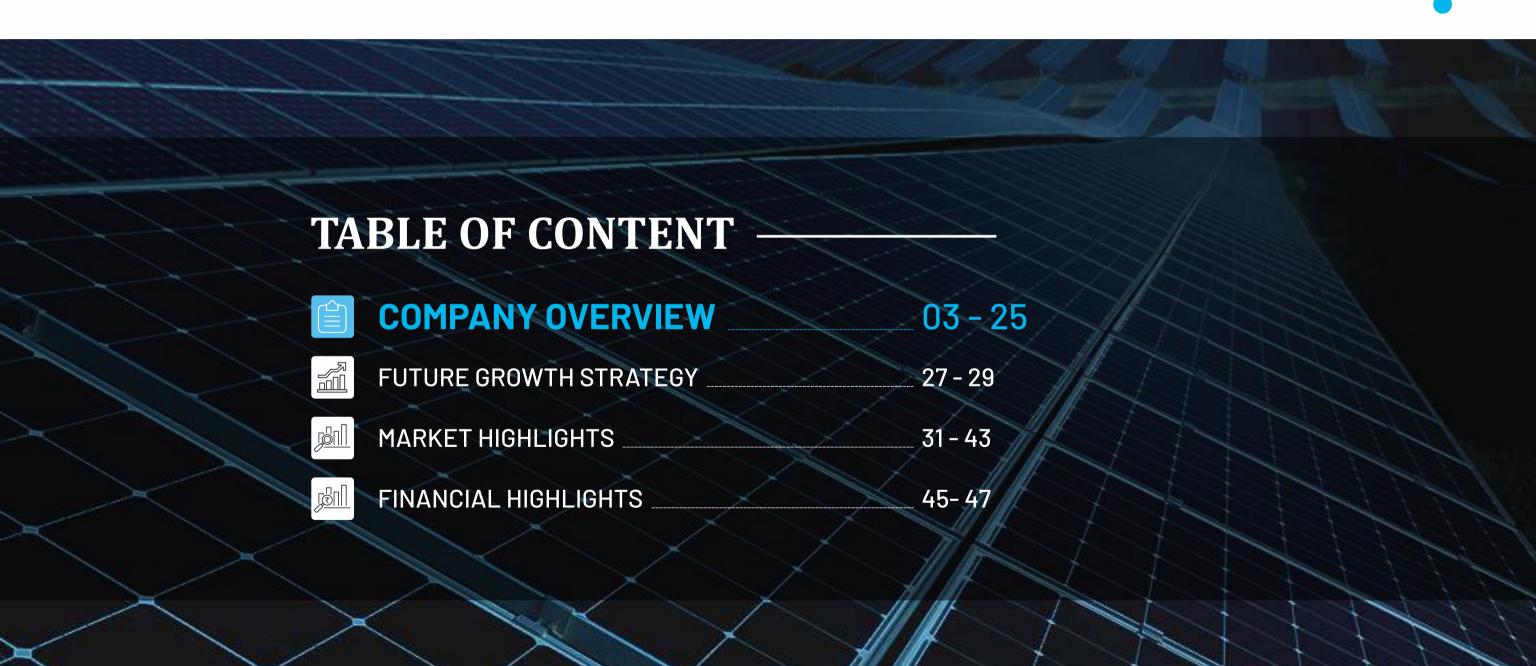
PERFORMANCE, PLANS & PROJECTIONS

# INSOLATION ENERGY LTD.

May, 2025









#### **OWNERSHIP STRUCTURE**

An overview of our corporate entities and their strategic alignment within the group

## INSOLATION ENERGY LTD.

#### INSOLATION GREEN ENERGY PVT. LTD.

MANUFACTURING CAPACITY By 2025-2027

8 GW | 3 GW | 54,000 MTA

PV Modules | Solar Cells | Aluminum Frames

INSOLATION GREEN INFRA PVT. LTD.

**EPC** 

Kusum A, B, C | IPP Solar Park | 0&M Services | Rooftop



#### **COMPANY AT A GLANCE**

INA Solar – Sustainable Energy You Can Count On!

A BSE SME-listed company, Insolation Energy Limited (INA Solar) has been delivering sustainable energy solutions for over 8 years. With a current manufacturing capacity of 1 GW and three state-of-the-art units based in Jaipur, Rajasthan, INA Solar has earned a place among the Top 10 solar companies in India.

#### **KEY METRICS**



**MANUFACTURING CAPACITY** By 2025-2027

> 8 GW **3 GW** PV Modules | Solar Cells

54,000 MTA **Aluminum Frames** 

#### **CUSTOMER BASE**

15,000+ **Happy Customers** 



**CHANNEL PARTNERS** 

**800+ Trusted Partners** 

#### **GEOGRAPHIC REACH**







**KUSUM A, B, C | IPP PROJECTS** 

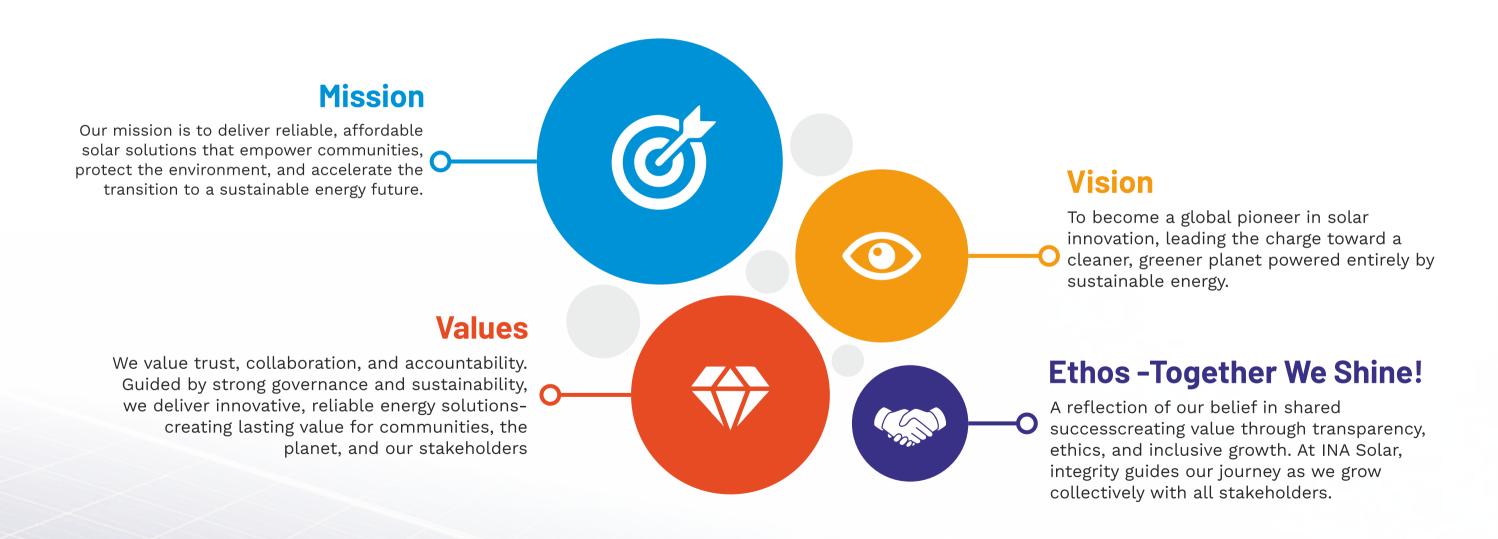
100+ MW

**Ongoing Projects** 



### **OUR GUIDING PRINCIPLES**

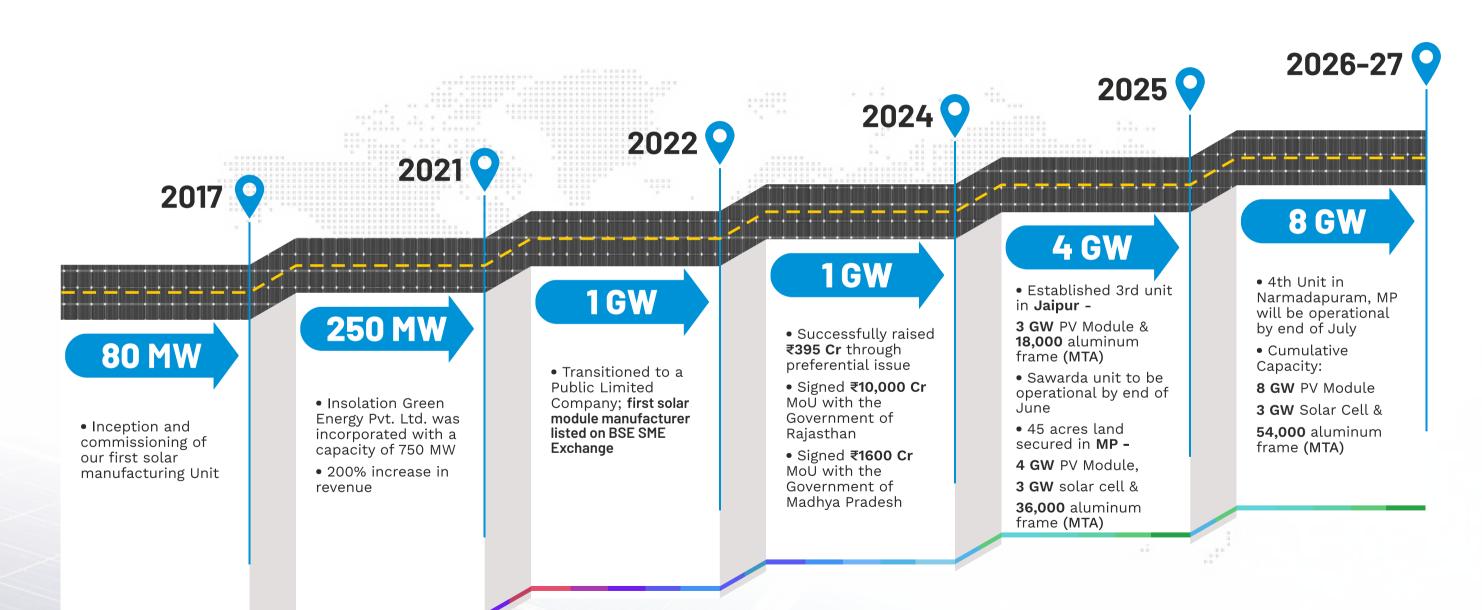
Driving innovation, advancing sustainability & creating global impact





### **GROWTH JOURNEY**

Charting our rise as a force behind the global clean energy transformation





### **ADVANCED MANUFACTURING FACILITIES**

Powering Precision, Scale, and Solar Innovation

**OPERATIONAL** 

**1 GW** 



INA 1 - Factory:

#### INSOLATION ENERGY LTD.

Near Daulatpura Toll Tax, Jaipur-Delhi Bypass, Jaipur - 303805 (Raj.)





INA 2 - Factory:

#### INSOLATION GREEN ENERGY PVT. LTD.

Jatawali Industrial Area, Tehsil Chomu, Jaipur - 303806 (Raj.)





### ADVANCED MANUFACTURING FACILITIES

Powering Precision, Scale, and Solar Innovation

**CONSTRUCTION IN FULL SWING** 

**3 GW** 

18,000 MTA

INA 3 - Factory:

INSOLATION GREEN ENERGY PVT. LTD.

Delhi -Ajmer Expressway, Sawarda, Jaipur - 303338 (Raj.)





### ADVANCED MANUFACTURING FACILITIES

Powering Precision, Scale, and Solar Innovation

**UPCOMING** 

**4 GW** 

**PV MODULE** 2026-27

**3 GW** 

**SOLAR CELL** 2026-27

36,000 MTA
ALUMINUM FRAME

2026-27



INA 4 - Factory:

INSOLATION GREEN ENERGY PVT. LTD. Mohasa -Babai Industrial Area, Narmadapuram, Madhya Pradesh



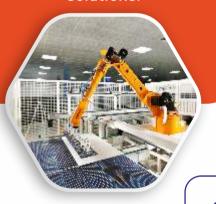


### **RESEARCH & DEVELOPMENT FACILITY**

Driving Innovation for Next-Gen Solar Technologies



Our R&D facility is equipped with the latest technology to develop high-efficiency solar solutions.



### FOCUS ON INNOVATION

We specialize in improving solar module performance and exploring new energy storage technologies.



### SUSTAINABLE SOLUTIONS

Our R&D efforts aim to create environmentally friendly and cost-effective solar products.



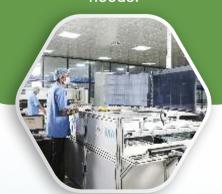
### STRONG PARTNERSHIPS

We collaborate with leading research institutions to stay at the forefront of solar innovation.



### FUTURE ORIENTED

We're committed to developing solutions that meet tomorrow's energy needs.





### **CORE PRODUCT PORTFOLIO**

A diverse range of high-quality, innovative solar solutions





We offer a diverse and advanced portfolio of solar PV modules designed for maximum efficiency and reliability, even in low-light conditions. Our state-of-the-art manufacturing capabilities enable us to produce high-efficiency modules including cutting-edge MonoPERC and TOPC on technologies.

Our product lineup includes:

N Type - TOPCon Modules

P Type - MonoPERC Modules

Every module undergoes rigorous quality testing to ensure compliance with both Indian and global standards. Our products are proudly **Made in India, Made for the World** and carry certifications from















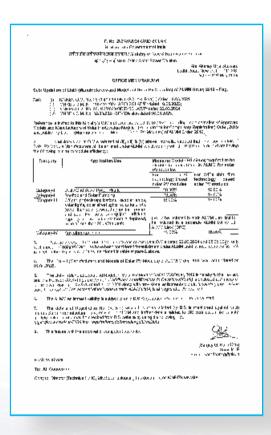
ensuring performance, safety, and long-term value.

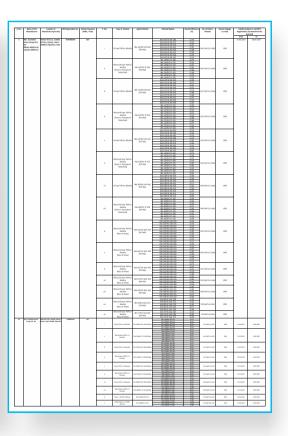


#### **ACCREDITATIONS**

Imprint of Trust!

Our solar panels are crafted to uphold world class standards, gaining accreditations from all National and International certification bodies that validate our commitment to quality, sustainability and manufacturing high performance solar panels.









**ALMM Certificate** 



**IEC Certificate** 

















### **SPHERE OF OPERATIONS**

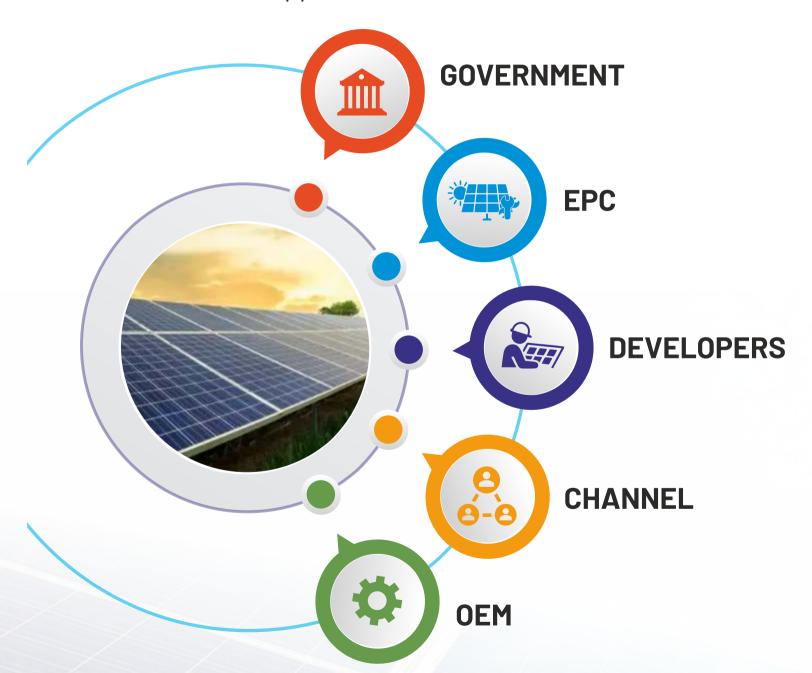
Comprehensive Solar Solutions Across Residential, Commercial, Industrial, and Solar Farms





### **DIVERSIFIED DISTRIBUTION CHANNELS**

Multi-channel approach for maximum market reach





# CERTIFIED SUPPLIER FOR KEY GOVERNMENT SOLAR INITIATIVES

Trusted partner for key government schemes, providing reliable solar modules

























































### **KEY PROJECT MILESTONES**

Proven success in executing a wide range of large-scale renewable energy projects

Consistently positive client feedback across all technologies—from Polycrystalline to advanced modules like Mono PERC reinforces our position as a trusted solar panel supplier.



PM KUSUM YOJANA COMPONENT - A



PM KUSUM YOJANA COMPONENT - A



INDUSTRIAL PLANT



INDUSTRIAL PLANT

Supplied high-performance panels for landmark projects like Kanpur Metro and Jindal's Floating Solar Plant, demonstrating reliability across diverse applications.



KANPUR METRO DEPOT



FLOATING SOLAR HYDROGEN PLANT



### LEADERSHIP BEHIND OUR GROWTH

Expert leadership driving sustainable growth and strategic market expansion



Chairman

**Innovative Leadership:** Mr. Manish Gupta, Founder and Chairman, propels INA to new heights through his visionary leadership and deep industry expertise.

**Diverse Experience:** With over 25 years of leadership across sectors such as Steel, Real Estate, and Health & Fitness, Mr. Gupta brings a rich and versatile perspective to the solar industry.

**Industry Recognition:** Under his leadership, INA has earned numerous accolades, including the prestigious Public Sector Solar Leadership Award and the Green Entrepreneur of the Year award.

**Community Engagement:** Beyond business, Mr. Gupta is actively involved in social and industry organizations, reflecting his commitment to both sustainable growth and societal well-being.



### LEADERSHIP BEHIND OUR GROWTH

Expert leadership driving sustainable growth and strategic market expansion



MANAGING DIRECTOR

**Driving Force:** Mr. Vikas Jain, Founder and Managing Director, has been instrumental in steering Insolation Energy toward becoming one of India's leading solar panel manufacturers.

**Quality Advocate:** A champion of excellence, Mr. Jain has been pivotal in positioning INA as a quality-focused enterprise, ensuring unwavering adherence to the highest industry standards.

**Industry Veteran:** With 25 years of experience and a strong foundation in engineering, Mr. Jain is acclaimed for his innovative, technology-led approach and strategic business insight.

**Innovation Champion:** Dedicated to staying at the forefront of technological advancements, he drives INA's culture of excellence across innovation, manufacturing, and operations.

**Transformational Leadership**: Mr. Jain's visionary leadership—marked by bold restructuring and a relentless pursuit of service excellence—has propelled INA to remarkable growth while amplifying its impact on society.



### **BOARD OF DIRECTORS**

Expert leadership driving sustainable growth and strategic market expansion



Mr. AKHILESH KUMAR JAIN
Non-Executive Director

BE from Malviya Regional Engineering College, Jaipur. He also holds degree of Honorary Doctor of Business Administration from Commonwealth University.

He has served as Managing Director (MD) for 9 years from the year 2011 to 2020 at Rajasthan Electronics and Instruments Limited (REIL), a Mini-Ratna CPSE of Govt. Of India.

He joined the Company Board in the year 2022 and advises on the corporate governance matters.



Mr. ANIL KUMAR GUPTA
Independent Director

Mr. Gupta, Former MD JVVNL, is a seasoned professional with a diverse background in the energy sector. He obtained his BE in Electrical Engineering from MITS, Gwalior. Carrying Vast Experience with RSEB, advancing to leadership roles like Chief Engineer. He's held positions at Jaipur Discom, Jodhpur Discom, and JVVNL. Currently advisor of Rajasthan's Department of Energy and hold independent positions on multiple energy company boards, driving sectoral growth.



Dr. SUBIR BIKAS MITRA Independent Director

Dr. Mitra brings over four decades of distinguished experience in the public sector and government, backed by an impressive academic foundation that includes an MBA, LL, M & dual Ph, D. degrees. A former Executive Director at GAIL (India) Ltd. and currently serving as an Advisor at the Directorate General of Hydrocarbons, Dr. Mitra is widely regarded as a leading authority in Strategic Human Resource Management and Law. In addition to his advisory roles, he is an empaneled Arbitrator and Conciliator, a dedicated faculty member at premier institutions including the Indian Institutes of Management (IIMs), and a recognized thought leader across industry forums.



Dr. PALLAVI MISHRA
Independent Director

Pallavi Mishra is an Independent Director of our company. She has completed her Bachelor of Engineering from Pune University and Master of Business Administration from Duke University Durham.

She completed the Executive programme in Growth Strategies for Business Leaders from Indian Institute of Management, Calcutta. She has an overall experience of approximately 13 years in power sector. She joined our company in 2022.



### LEADERSHIP BEHIND OUR GROWTH

Expert leadership driving sustainable growth and strategic market expansion



Mr. Ravi Dusad
Chief Financial Officer



Mr. Deepak Jain
Chief Technical Officer



Mr. Ankit Malhotra
Chief Operating Officer EPC



Ms. Madhuri Maheshwari
Chief Accounts Officer



Mr. Nitesh Sharma
Company Secretary and
Compliance Officer



Mr. Manish Gupta
Senior VP Operations & Technology



Mr. Gurpreet Singh
Vice President - Projects



Mr. Ajay Sharma

AVP - Sales



Mr. Sourav Das
Head - Quality



Mr. Subhash Prajapati
Head Purchase & Supply Chain



Mr. Devesh Khandelwal
Head - Marketing



#### STRATEGIC SPORTS PARTNERSHIP

Harnessing cricket's global reach to promote solar energy adoption





Insolation Energy Limited (INA Solar) has partnered with the illustrious T-20 Cricket Team-Lucknow Super Giants as their "Official Solar Partner" for the T20-season 2025 - 2026 to promote the use of Solar Energy to a much larger pool of audience.

With this collaboration with Lucknow Super Giants, INA Solar is all fired up towards achieving one of the company's core objectives- "To expand the Renewable Energy landscape of the country by making judicious, eco-friendly strides towards large-scale adoption of Solar Power".



### Rising Rajasthan Global Investment Summit 2024

(Energy Sector Pre Summit)

#### INSOLATION GREEN ENERGY PVT. LTD.

signs an MOU of

# ₹10,000 Crores

For Solar Power Generation (IPP), Component Manufacturing, EPC Projects & Parks in Rajasthan by 2030





### **Invest Madhya Pradesh Global Investors Summit 2024**

(Energy Sector Pre Summit)

### **45 Acres Land Allotment**

for upcoming 3 GW Solar Cell Manufacturing, 4 GW Module Manufacturing and 36,000 MT Aluminum Framing





#### RECOGNIZED EXCELLENCE

Awarded and certified for consistent quality and technological advancement



CERTIFICATE OF
APPRECIATION AT RISING
RAJASTHAN IMPACT 1.0
-2025

HONOURED BY
SHRI BHAJAN LAL SHARMA JI
Chief Minister of Rajasthan



DISTINGUISHED ENTREPRENEUR AWARD IN MSME CATEGORY - 2022

**AWARDED BY** 

**PHDCCI** 



OUTSTANDING
CONTRIBUTION TO
INDIA'S MANUFACTURING
ECONOMY - 2025
AWARDED BY

**HURUN INDIA** 





BEST EMPLOYER
(ALL ROUND
PERFORMER) - 2024

AWARDED BY

**EMPLOYERS ASSOCIATION OF RAJASTHAN (EAR)** 





EXCELLENCE IN ENERGY
SECTOR
(MANUFACTURER) - 2024

**AWARDED BY** 

**ET, RAJASTHAN BUSINESS SUMMIT** 



EXCELLENCE
INRENEWABLE
ENERGY SOLAR - 2023

AWARDED BY
CRESPAI AT IIT DELHI,
GREEN GLOBE AWARDS





#### **SPREADING THE LIGHT**

Empowering communities and fostering sustainability through our dedicated CSR initiatives

#### **WOMEN EMPOWERMENT**



INA Solar is committed to advancing woman empowerment by creating employment opportunities and fostering an inclusive work environment that enhances female leadership and development.

#### **UNDER PRIVILIGED CHILD EDUCATION**



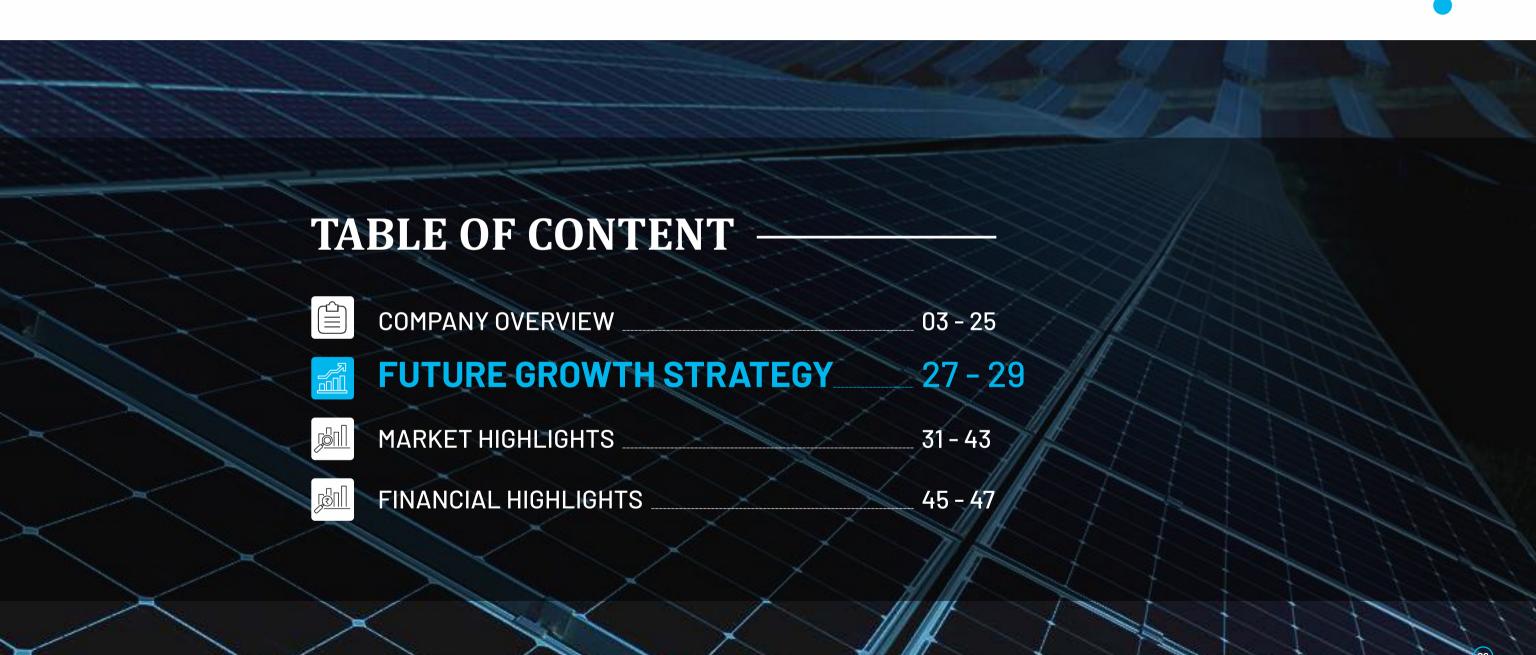
INA dedicates resources to support the education of underprivileged children, ensuring they have access to the knowledge and tools needed to build a brighter future for them.

#### **ENVIRONMENTAL SAFETY**



INA prioritizes environmental safety through sustainable practices and innovative technologies, striving to minimize its ecological footprint and protect our planet for future generations.







### STRATEGIES FOR SECULAR GROWTH

Focused initiatives driving long-term value across evolving markets



#### **Strategic Market Penetration**

Leveraging an extensive network for enhancing market presence.



#### **Diverse Product Portfolio**

Offering a wide range of solar panels to meet varied consumer needs.



#### **Increasing Capabilities**

Continuously enhancing production and technological proficiencies



#### **Strategic Alliances & Collaborations**

Forming partnerships to innovate and expand market presence.



#### **Increasing Scalability**

Scaling operations to meet the growing demand for solar energy products.



#### **Govt approved ALMM**

Government certification is a prerequisite for market access in India.



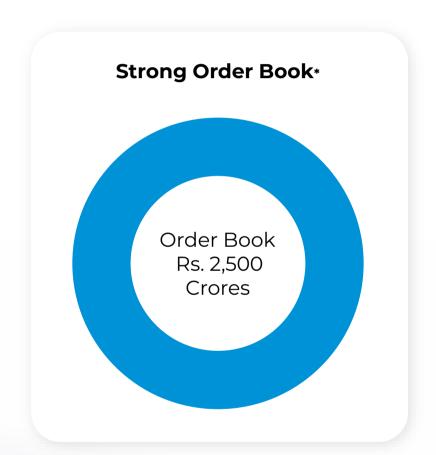
#### **Innovation and R&D**

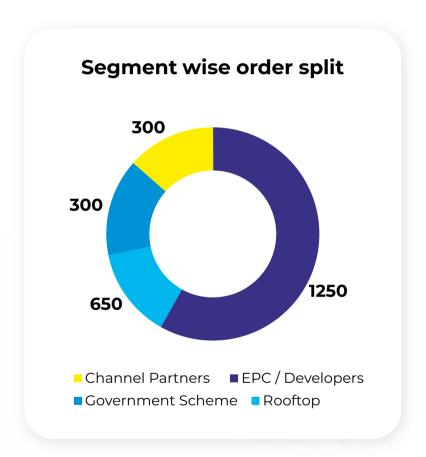
Continuous focus on innovation and R&D enables Insolation to stay ahead of the tech curve



## **ACTIVE PROJECTS**

Ongoing developments with execution milestones and performance benchmarks





**Updates:** Received large order in rooftop & EPC to be executed in FY25-26



#### INSOLATION ENERGY LTD.

#### **SWOT ANALYSIS**

- Extensive Geographic Reach: The Company's nationwide network leverages diverse renewable resources to meet urban and rural energy demands
- Diverse Revenue Portfolio: Offers a wide range of services & products, including EPC, IPP, 0&M, solar modules and cells, enabling them to capture diverse market segments
- Short Payback Period: The project payback period is very short which helps in resolving working capital deficiencies



- Cost of transition: Rapidly transitioning to renewables may strain economies reliant on fossil fuels
  - Insufficient awareness: Insufficient awareness of social and environmental benefits of renewable energy
- Technology Dependence: Rapid tech advancements can guickly render existing infrastructure outdated, leading to higher upgrade costs



- Market Competition: The sector is highly competitive due to government incentives attracting new entrants and established brands diversifying
- Regulatory Change: Policy changes can adversely affect profitability and operations
- Environmental and Climatic Risks: risks from climate change, such as shifts in wind patterns or solar intensity, can affect energy generation



- Emerging Market Growth: Countries are shifting from fossil fuels to green energy due to rising CO2 emissions
- OPPORTUNITY • Rising Energy Demand: Increasing demand offers renewable energy companies more opportunities to expand their market share
  - International Expansion: Opportunities to enter in emerging markets like Africa, and the Middle East, where renewable energy is on the rise









### GLOBAL RENEWABLE ENERGY MARKET

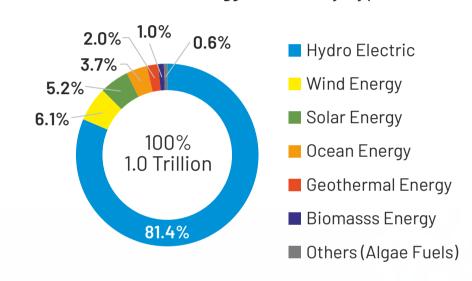
Driven by innovation and strong policy support, the market is witnessing rapid expansion

#### Global Renewable Energy Market Size, (USD Trillion)



Source: Globenewswire, 2024

#### Global Renewable Energy Market, By Type (2023)



#### **MARKET DRIVERS**

- Increase in market regulations and policies promoting the adoption of clean energy sources
- Decrease in cost of renewable energy production

#### **KEY CATALYSTS**







Expansion of Energy Storage Solutions

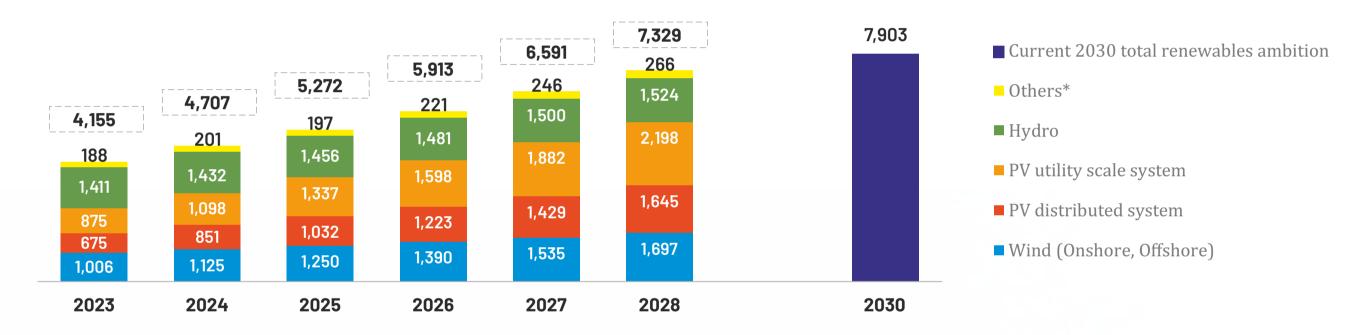




### GLOBAL RENEWABLE ENERGY MARKET

Driven by innovation and strong policy support, the market is witnessing rapid expansion

#### Global Renewable Energy Capacity, COP28 Target by 2030 (GW)



- Renewable energy capacity is forecasted to grow significantly, with solar PV and wind leading due to lower costs and supportive policies.
- China's renewable capacity is likely to triple in five years, driving 56% of global growth, with the US and EU also accelerating due to the US Inflation Reduction Act and EU decarbonization policies.
- India's policy improvements in auctions, financing, and solar PV are driving renewable growth through 2028.

Source: iea.org;

<sup>\*</sup>Others includes Renewables for H2 production, Geothermal, Bioenergy, Concentrating solar power, and Geothermal energy



#### INDIA RENEWABLE ENERGY MARKET

Rapidly expanding market, driven by ambitious targets and strong government support

#### **India Renewable Energy Market Size** (USD Billion)



#### Lower renewable costs and strong government support are driving India's renewable energy technologies, especially solar and wind

• The Indian government's push for rural electrification is fueling the demand for renewable energy along with the growing economy and expanding population

#### MARKET OUTLOOK



Renewables are likely to fulfil over 60% of the power demand growth by 2030



**1 billion tons** of carbon emission reduction by **2030** 



**5 million tons** of green hydrogen generation by **2030** 



**50:50** renewable VS. fossil energy electricity mix by **2030** 

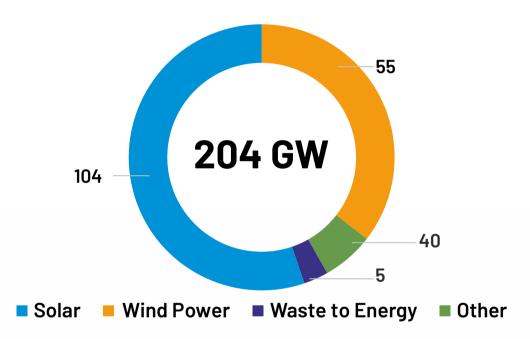
Source: Imarc group, 2023



#### INDIA RENEWABLE ENERGY MARKET

India excels in renewables with rising investments and strong regional contributions

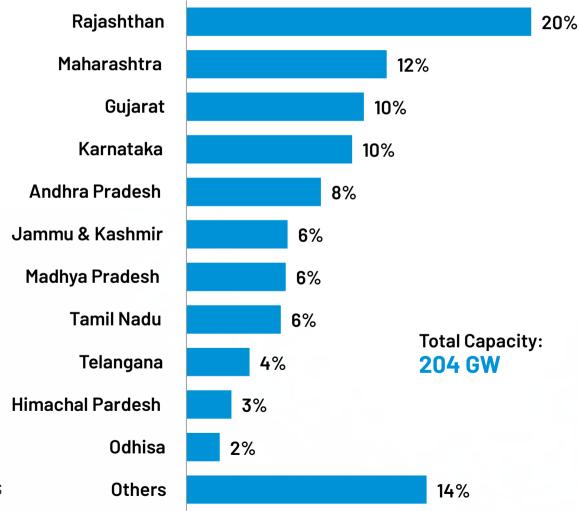
#### Sector Wise Renewable Power Generation Capacity, 2024



Source: Energy Statistics India, 2024

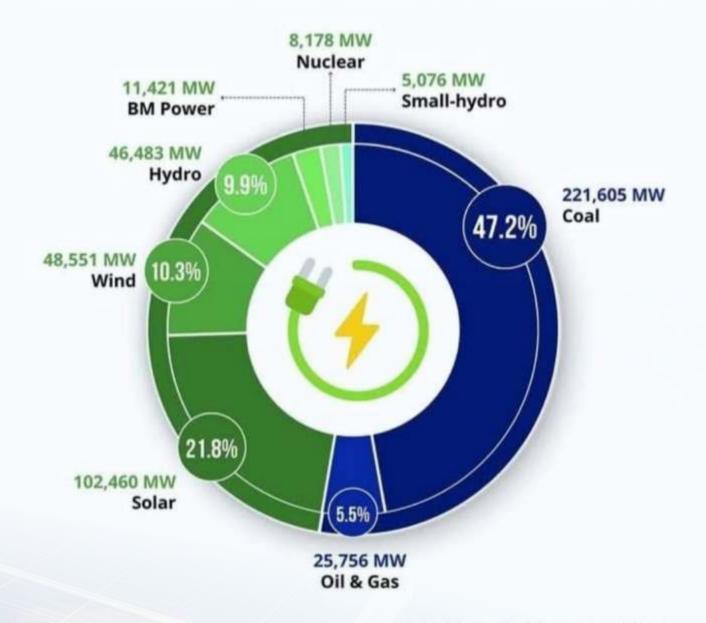
- Globally, India has established itself as a key player in renewable energy, ranking fourth in wind power capacity and fifth in solar power capacity in 2024
- Rajasthan leads in the power generation capacity rankings with a contribution of 20% in the overall power generation due to its vast deserts, abundant sunlight & clear skies
- India's renewable energy investments are set to rise 83% to USD 16.5 billion in 2024, boosting the energy transition

#### Sector Wise Renewable Power Generation Capacity, 2024





# HOW DOES INDIA GENERATES ELECTRICITY?

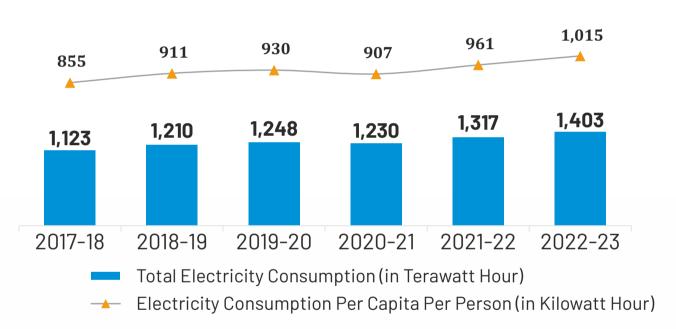




## **INDIA POWER CONSUMPTION**

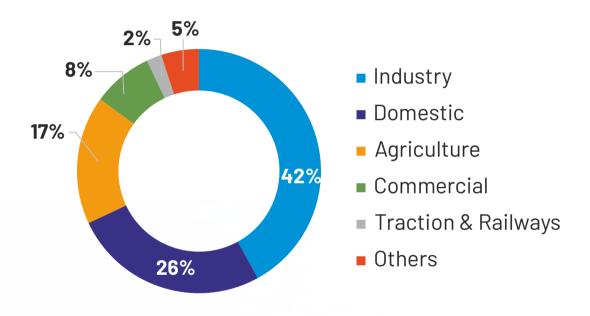
Rising population and sectoral growth drive surging electricity demand

#### Power Consumption in India during last 6 years



Source: Energy Statistics India, 2024; 1 Terawatt = 10 <sup>9</sup> Kilowatt

## **Power Consumption by Sectors, 2023**



Source: Energy Statistics India, 2024; \*TWh: Terawatt Hours

- India's growing population and increasing heatwaves have led to a surge in electrical appliance purchases, greatly boosting household electricity consumption
- The rapid expansion of manufacturing, mining, construction, and technology sectors, coupled with urbanization and infrastructure development, has substantially driven up electricity demand due to high energy requirements for operations



## **MARKET DRIVERS**

Government initiatives and climate urgency drive renewable energy market growth

## 1) GOVERNMENT INITIATIVES

The government is enhancing renewable energy through financial aid, tax incentives, and policies designed to lower capital costs and accelerate technology adoption.

## India Renewable Energy Budget Allocation (INR, Billions)



Source: MNRE; \*Ministry of New and Renewable Energy

### **Government Initiatives**

- Permitting FDI up to 100% under the automatic route for renewable projects
- PM-KUSUM\* to promote renewable energy in the agriculture sector
- Transmission plan for Integration of 500 GW Renewable Energy Capacity by 2030

\*Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan

## 2 CLIMATE CHANGE

Climate change drives the renewable energy market due to its urgent need, improving energy security and reducing environmental impact compared to fossil fuels.

## India Ranking in CCPI\*, 2023

Rank	Country
1	
2	None Achieved 1-3 rank**
3	
4	Denmark
5	Estonia
6	Philippines
7	India

## **India's Track Record**

Year	India's Ranking
2023	7
2022	8
2021	10
2020	10
2019	9

Source: Times of India; \*Climate Change Performance Index;

<sup>\*\*</sup>No country performs well enough in all four assessed categories to achieve perfect score on CCPI



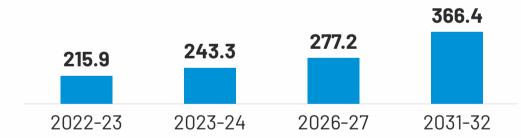
## **MARKET DRIVERS**

Rising energy demand and investments, along with favorable policies driving the growth of renewable energy

## 3 ENERGY DEMAND

The increase in global energy demand is significantly driving the growth of the renewable energy market. As traditional energy sources become strained under rising consumption, renewable energy sources like wind, solar, and hydro are gaining prominence.

### **India Energy Demand, (***GW***)**



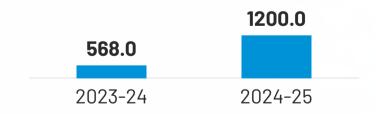
Source: Pib.gov.in, CEA

## 4 INCREASE IN INVESTMENTS

Rising investments are fueling the growth of the renewable energy market.

- The sector benefits from policies that permit up to 100% FDI under the automatic route, making it easier for international investors to participate.
- Additionally, the government has established a Project Development Cell to attract and facilitate investments in renewable energy projects.

**Government Investment in Solar Power Grid Project, (USD Millions)** 



Source: Powerline; Renewable Energy

#### **USD6.1 billion**

Foreign Direct Investment (FDI) in RE\* between April 2020 and September 2023



## **MARKET TRENDS**

India's investments & subsidies are accelerating growth & innovation in renewable energy



#### Enhanced supply-side support via subsidies and policies

India is heavily investing in renewable energy with substantial subsidies and policies. These measures support renewable energy suppliers with concessional loans and easy land access. For instance, USD2.4 billion subsidy for renewable hydrogen developers.



#### Ultra-Mega Renewable Energy Parks

The Government is implementing the scheme for developing multi-ultra-mega solar power parks with a power generation capacity of 40GW

Key Trends



#### Domestic solar rooftop installations on the rise

Increased awareness and government subsidies have spurred a surge in solar rooftop installations, with PSU Banks and NBFCs promoting this trend through easy financing and subsidies for industrial users



#### Tapping new age technologies

The renewable energy sector is integrating blockchain, AI, and ML technologies. For example, the blockchain is used in projects focusing on peer-to-peer solar trading and enhancing cybersecurity, transparency, energy efficiency, and streamlining supply chains



#### Module technology and battery storage

India's renewable energy sector is significantly investing in solar module and battery storage innovations. In 2021, India launched a 1,000 MWh battery storage pilot project, which had stored 39.12 MWh by March 2023



## **INDIA SOLAR ENERGY MARKET**

Booming market with a surge in rooftop solar energy installations & large scale solar parks

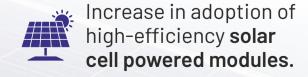
## **Indian Solar Energy Market Size, (USD Billion)**



Source: psmarketresearch

- The Indian solar energy market is projected to grow at a CAGR of 13.4% between 2023 and 2030, driven by government policies and initiatives that have raised awareness of solar energy adoption.
- As a promising market, India may benefit from importing solar panels from China at significantly lower prices, which could increase solar power system sales and boost the demand for solar energy among renewable sources.

#### **MARKET HIGHLIGHTS**



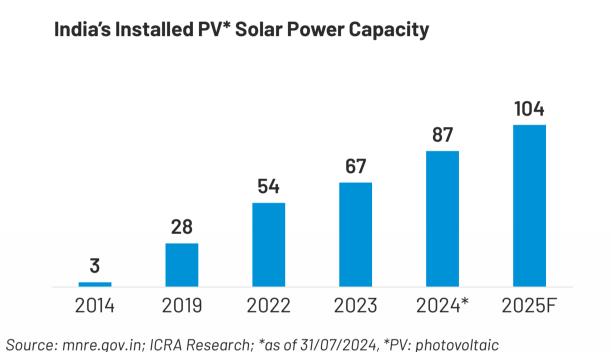


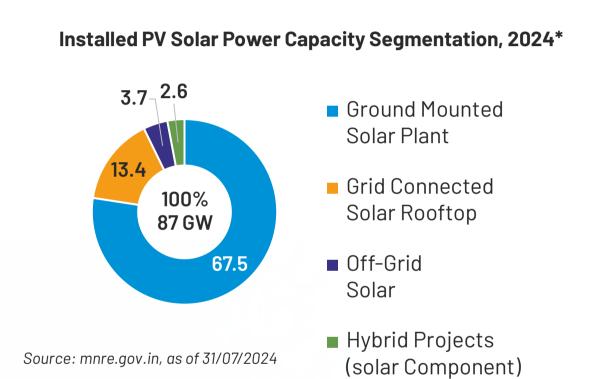




## **INDIA SOLAR ENERGY MARKET**

Fueled by government support, lower costs, and abundant sunlight, it attracts major investments.





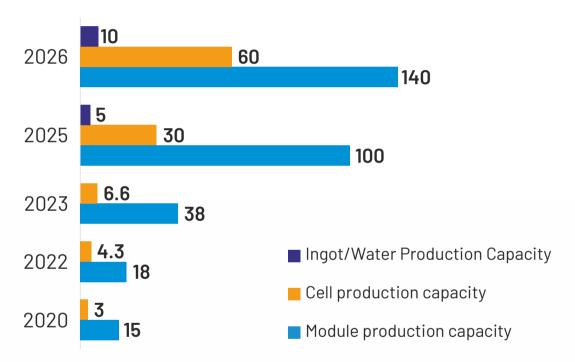
- India's PV solar power capacity is expanding due to government support, declining costs of solar panels and related technologies, and the country's geographic location, which offers abundant sunlight, making it well-suited for solar energy needs
- Significant investments are flowing into solar energy projects from both domestic and international players as India ranks 5th in solar power
  globally. Furthermore, major corporations in India are increasingly integrating solar energy into their operations, driven by sustainability goals
  and the potential for electricity cost savings



## INDIA SOLAR MANUFACTURING CAPACITY

Solar manufacturing capacity is on the rise, driven by growing domestic production and investment trends

## India's Solar Manufacturing Capacity, (GW)



Source: IEEFA; Institute for Energy Economics and Financial Analysis

- By 2026, India is expected to emerge as the second-largest Solar PV manufacturer globally, with a module production capacity of 110 GW. This development is expected to make India self-sufficient & position the country to tap into the export market
- Government incentives, consumer demand, and technological improvements are all contributing to the high growth of India's solar module manufacturing industry

## **MARKET UPDATES**



India is boosting solar PV manufacturing with **USD3.2 billion** in incentives such as the PLI\* scheme and imposing strict import barriers like BCD\*\* and ALMM\*\*\*.



India's PLI scheme will add **51.6 GW** of solar module and **27.4 GW** of integrated polysilicon-to-module capacity in the next 3-4 years.



India's solar manufacturing incentives are powering the **green hydrogen push**, with plans for tax cuts and lower import duties to boost growth further

Note: PLI\* - Production-linked Incentive, BCD\*\* - Basic Customs Duty, ALMM\*\*\* - Approved List Of Models And Manufacturers



## **PESTLE ANALYSIS**

Strong policies, incentives, and investment in renewable energy are driving growth, innovation, and sustainability

# POLITICAL

- Strong government policies and targets, such as the goal of 500 GW renewable energy capacity by 2030
- Regulatory Framework:
   The government's usage of RPOs\* and feed-in tariffs boost the sector's growth
- Incentives & Subsidies: Various incentives and subsidies for renewable energy projects, including tax benefits and financial support

## ECONOMICAL

- Investment: Growing investment in renewable energy infrastructure and technology, driven by both domestic and international investors
- Cost Trends: The drop in the cost of solar and wind have made them more competitive and economic viability
- Economic Growth: Rising energy demand due to economic growth increases the need for renewable energy solutions

## SOCIAL



- Public Awareness: Rising climate awareness is driving more support for renewable energy
- Job Creation: Growth in the sector is creating jobs, especially in the rural areas
- Energy Access: Renewable energy projects, especially offgrid ones, are helping to improve energy access in remote areas

## **TECHNOLOGICAL**



- Technological advances:

   It is reducing costs and boosting efficiency through innovations in batteries, grids, and solar panels
- Infrastructure: Ongoing development of infrastructure to support renewable energy, including smart grids and energy storage solutions
- R&D Investments: Increased R&D investment is vital for the industry and accelerates innovation

#### LEGAL



- Regulatory Compliance:
   Adhering national and state rules on environment, land use, and energy is crucial for companies
- Intellectual Property:
   Patents and IP rights can influence innovation and competition in renewable tech
- Environmental Regulations: Abiding by environmental laws is essential for the growth and operation of future renewable energy projects

#### **ENVIRONMENTAL**

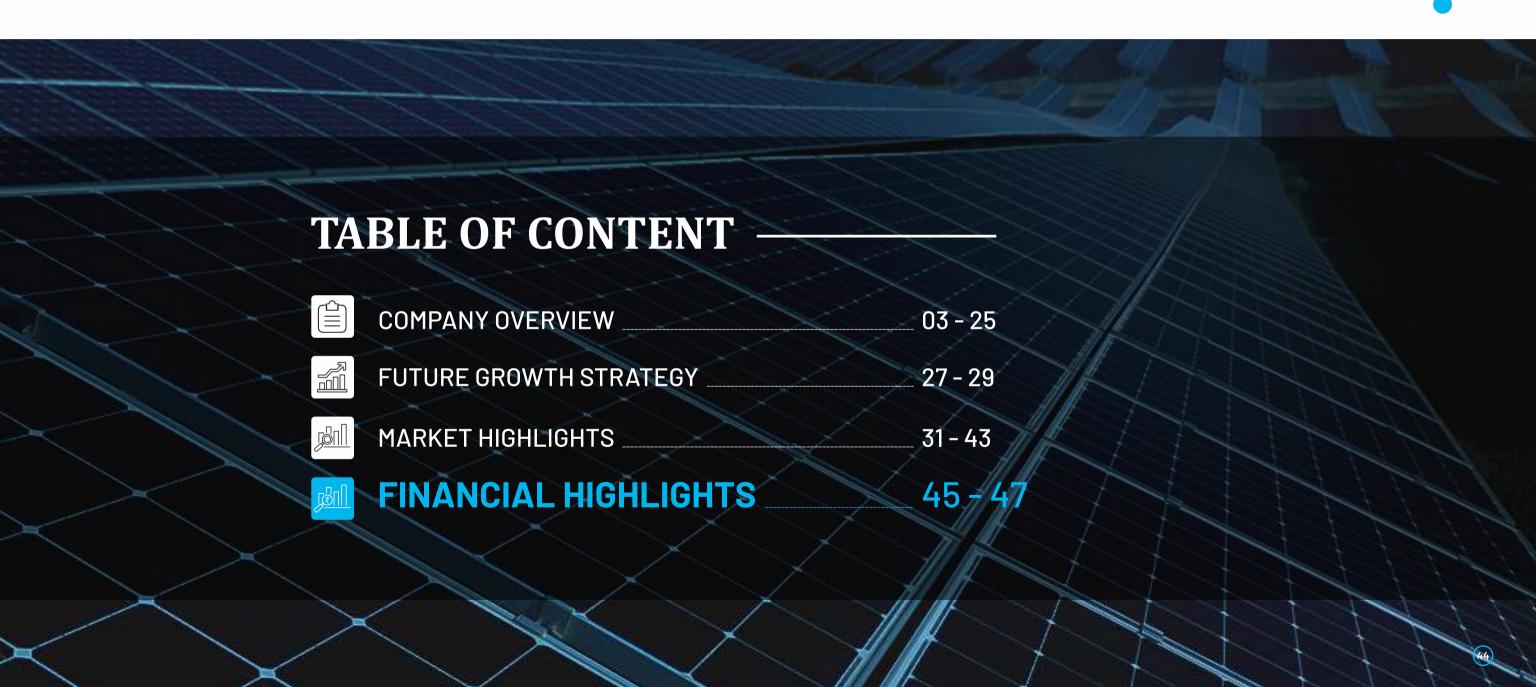


- Climate Change: India's challenges towards climate change have accelerated its shift to renewable energy to cut emissions
- Resource Availability: India's rich solar and wind resources drive sector growth
- Sustainability Goals: The drive for sustainability and lower carbon footprints fuels the growth of new renewable energy initiatives

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Note: \*RPO: Renewable Purchase Obligation

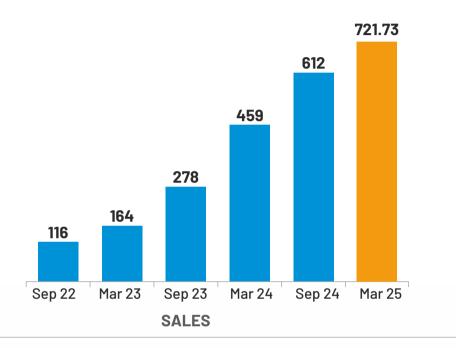


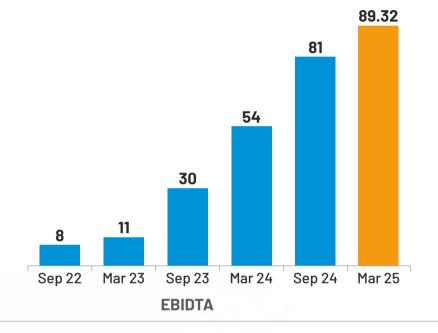


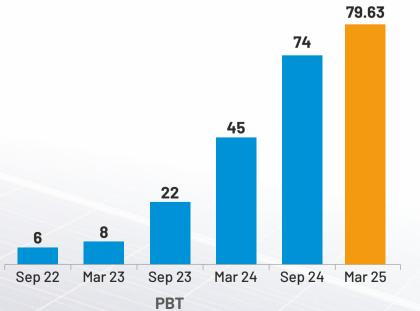


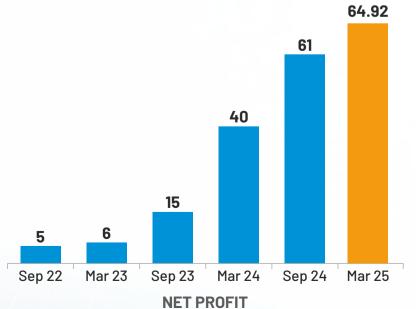
## HALF YEARLY AUDITED CONSOLIDATED RESULTS







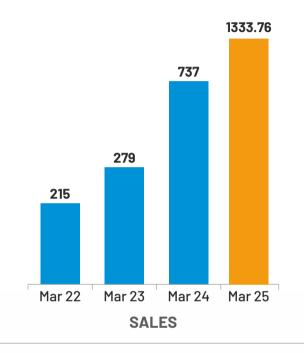


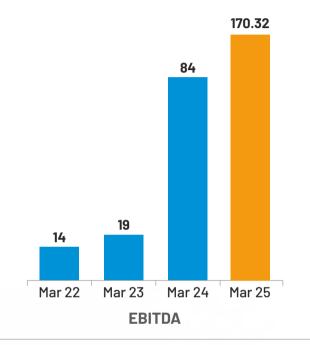


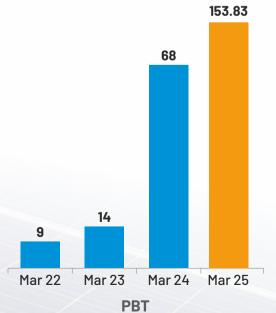


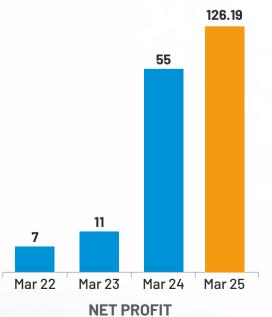
## ANNUAL CONSOLIDATED AUDITED PERFORMANCE













## **FUTURE ASPIRATIONS**

**₹ in Crores** 

#### **FINANCIAL HIGHLIGHTS**

HEAD	2025 - 26	2026 - 27	2027 - 28
Revenue	3300	5500	8600
Gross Profit	792	1320	2494
Ebidta	512	1265	2064
Pat	366	771	1377
% Pat	11.09	14.01	16.01

## **CAPACITY**

HEAD	2025 - 26	2026 - 27	2027 - 28
Module Manufacturing (In Mw)	4000	5000	8000
Cell Manufacturing (In Mw)	-	3000	3000
Aluminum framing( MT)	18000	54000	54000

#### **SEGMENT WISE REVENUE**

HEAD	2025 - 26	2026 - 27*	2027 - 28*
Solar Module / Cell / Aluminum*	2800	4600	7000
EPC	400	700	1100
IPP	100	185	470
0 & M		15	30
Total	3300	5500	8600

<sup>\*\*</sup> Solar cell and aluminum is backward integrated

## **CREDENTIALS**

- Listed on BSE SME Platform in Oct 2022
- Successfully Raised 400 Crs via preferntial issue in Oct 2024
- Margee Investors participated in prefential issue

#### **MARKET CAP**

5706.88 Crs

#### As on 31-3-2025

PE ratio	55.4
Div Yield	0
Debt	69 Crs As on 30-9-2024
Face Value	1
Promoter holding	66.10%
ROE	68.50%
ROCE	47.80%

## THANK YOU



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INSOLATION GREEN ENERGY PVT. LTD.

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