

Insolation Energy Ltd. – Management Meet and Plant Visit Note

Oct 20, 2025 | CMP: INR 159 | Target Price: NA

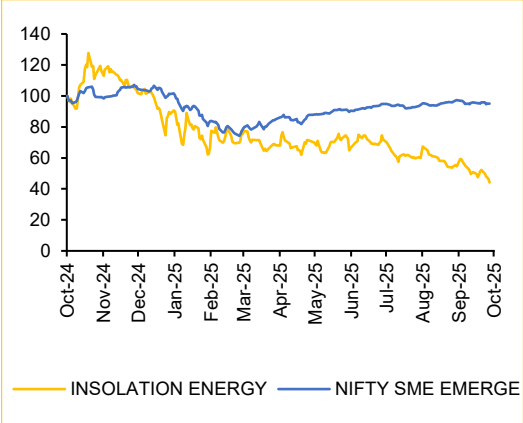
Not Rated

Company Info	
BB Code	INA IN EQUITY
Face Value (INR)	1.0
52 W High/Low (INR)	475/166
Mkt Cap (Bn)	INR 35.08 /\$ 0.45
Shares o/s (Mn)	220

Key Financials			
INR Mn	FY23	FY24	FY25
Revenue	2,794	7,372	13,338
YoY Growth (%)	30%	164%	81%
EBITDA	184	800	1,611
EBITDAM (%)	7%	11%	12%
Adjusted PAT	107	555	1,262
EPS	0.51	2.66	5.73
ROE (%)	28.5%	68.8%	34.8%
ROCE (%)	18.5%	44.9%	32.7%
P/E(x)	24.6	61.3	45.2

Shareholding Pattern (%)			
	Mar-25	Dec-24	Sep-24
Promoters	66.01	66.22	70.04
FIIs	0.94	1.36	0.59
DIIIs	0.42	0.15	0.00
Public	32.63	32.27	29.37

Relative Performance (%)			
YTD	3Y	2Y	1Y
NIFTY SME EMERGE INDEX	154.1	0.0	-5.3
INA	1187.0	17.6	-56.8



We met the management of Insolation Energy including Mr. Manish Gupta (Founder and Chairman), Mr. Vikas Jain (Founder and Managing Director), Mr. Ravi Dusad (CFO) and Mr. Deepak Jain (CTO) among others. The firm reiterated its guidance to achieve cumulative capacity of 7 GW PV modules, 4.5 GW of solar cells and 18,000 MT of aluminium frame manufacturing by FY28. **The firm guides PAT margin of 11.0 %, marking a 150 bps expansion for FY26. Meanwhile, it further expects margin to expand by 300 bps for FY26 - FY27, reaching 14.0%. It will ultimately increase by 200bps to reach 16.0%.** Please see page 2 for takeaways from Q&A. We also visited Insolation Energy's INA 3 factory at Delhi-Ajmer Expressway at Sawarda in Jaipur. The facility currently has a capacity of 3 GW of module manufacturing. Please refer to page 2 for technologies adopted and page 3 for photos from the site.

At present, Insolation Energy generates revenue across four core verticals:

- Retail sales, serving rooftop and small-scale installations via its dealer and distributor network;
- Utilities, through large utility-scale solar projects under government tenders;
- Solar pumps, supported by schemes like KUSUM for agricultural irrigation; and
- Commercial & Industrial (C&I), where it offers solar modules and EPC solutions to businesses aiming to cut energy costs and meet sustainability targets.

Insolation Energy Ltd operates through its 100% owned subsidiaries:

(A) Insolation Green Energy Pvt Ltd., which primarily has manufacturing facilities, and

(B) Insolation Green Infra Pvt. Ltd., which includes EPC contracts.

(A) Manufacturing Sales (Solar PV Modules): This constitutes the primary and historically dominant source of the company's revenue, derived from the core business of manufacturing solar panels and modules. These are sold under the brand name "INA". Modules are manufactured using polycrystalline and monocrystalline cell technology (including **Mono PERC** and, more recently, **N-Type TOPCon** technologies). The sales are expected to be INR 28bn, INR 46bn and INR70bn for FY26-27-28 respectively.

(B) Engineering, Procurement and Construction (EPC) Services:

Insolation Energy provides integrated solar EPC solutions covering procurement, installation, commissioning and maintenance of solar projects. Key areas include KUSUM schemes, IPPs, solar parks, O&M and rooftop systems. EPC revenue is projected to be **INR 4bn** in FY 2025-26 and **INR 11bn** in FY 2027-28, with margin slightly higher than module manufacturing.

The firm further plans to expand in Integrated Power Production and will venture into Operation and Maintenance (O&M) services.

Segment Revenues(INRMn)	2025-26	2026-27*	2027-28*
Solar Module / Cell / Aluminum*	28,000	46,000	70,000
EPC	4,000	7,000	11,000
IPP	1,000	1,850	4700
O & M	-	150	30
Total	33,000	55,000	86,000

*Note: Solar cell and aluminum is backward integrated

Dhaval Popat
Email: dhaval.popat@choiceindia.com
Ph: +91 22 6707 9908

Delay in commissioning of INA-3 facility due to rains

Orderbook of INR 24bn or 1.2 GW

Margin expansion of 150bps in FY26, 250bps in FY27 and 200bps in FY28

IRR of ~35% for cell facility

FNCP technique employed for soldering

EPE sheets used in modules

Key takeaways from Management Q&A and Plant Visit:

Revenues

- **INA-3 Facility Revenues:** Able to generate peak revenue of INR 45-50bn annually from FY27; third line will be operational by then.
- Since the commissioning of facility has been delayed by 2 months due to rains in Rajasthan, the firm's guidance for FY26 will impacted proportionately.
- **Geographic Expansion:** Company's revenues had focused in North India owing to lower capacity. Now, it will expand to South India.
- **Revenue Streams:** (a) Retail channel network (b) Utilities (c) Solar pumps, working with Shakti, Rotomac, etc. Insolation supplies in Maharashtra, UP and Rajasthan (d) Commercial and Industrial applications.
- **Orderbook:** Has contracts **worth INR 24bn or 1.2 GW**; reiterated receipt of **order worth 750 MW from KP Green, 200 MW from Bondada**.
- **Product mix: 15% DCR and 85% non-DCR.** 15% is dependent on projects: KUSUM B, requiring DCR panels. KUSUM C: Tenders prior to 31st Mar, 2024 are Non-DCR; rest are DCR.
- **Margin expansion guidance:**
- PAT margin of 11.0%, a 150 bps expansion for FY26. Furthermore, a 300 bps expansion for FY26 - FY27, reaching 14.0% . It will ultimately increase by 200 bps for FY28 and will reach 16%.

Capex

- **INA-3 Facility:** Incurred a capex of ~INR 3bn at Sawarda (INR0.9bn yet to invested for aluminium frames manufacturing capacity of 18,000 MTPA).
- **INA-4 Facility:** Plan for further capex of INR15bn for its MP facility. Of this, ~75% is financed through IREDA; rest through internal accruals.
- Recovers its module plant module plant investment for in a year's time. For cell facility, capex recovery in two and a half to three years.
- **Investment commitment to Rajasthan:** Committed INR 100bn to Government towards Renewable Energy, over the next 10 years. INR 12bn has already been announced. The plan got pruned by INR 15bn in the absence of water for solar cell.
- Acquired land at INR 1/sqmt for MP plant. Power provision at INR 4.36/unit for five years and INR 25/KL for water at facility. Yet-to-be-decided Govt incentive will be provided in equal instalments over seven years.
- Of the total 200ksqrm land (MP), ~25ksqrm for aluminium manufacturing, 110ksqrm for solar cell and ~60ksqrm for 3 GW of Solar Ingot and Wafers.
- Builds capacities at a lower rate owing to (a) rationalisation of cost at each phase & (b) increased competition among plant contractors.

Tailwind from the government

- Set to gain from Govt.'s green transmission line from Western Rajasthan to Mathura as well as Faridabad.

Plant visit takeaways

Production lines:

- Lines 1 and 2 have a configuration of M10R.
- Line 3 will have configuration of G12R

Utilisation levels:

- **92%**; rest accounted by preventive maintenance & raw material change.

Technology and Automation:

- Using laser, the cell is cut into half so as to reduce shunt resistance. Twelve of these halved cells are **soldered** together by **Fired, No-contact Pad (FNCP) technique** using silver coated copper string. The FNCP technique **reduces the usage of expensive silver paste by up to 75%** as well as increases cell efficiency.
- Module manufacturing: **Electroluminescence and AI** checks soldered strings' quality or any other damage at various stages.
- **Ethylene-Propylene-Ethylene** sheets used in modules, offering superior UV protection, moisture resistance & electrical insulation vis-a-vis EVA films.
- One of the largest laminating machines in India having throughput of 126 modules per hour.

Plant Visit Pictures

Front glass loading into production line



TOPCon cell



Cells cut into half to lower resistance



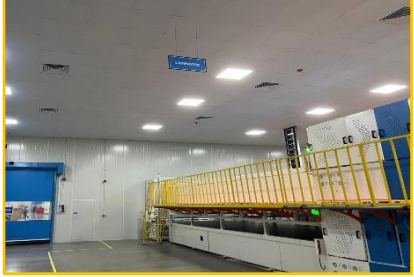
Placement of cells on EPE sheet



Placement of back glass on EPE sheet



Laminating machine



Module without frame



Placing of Aluminum Frame



Loaded Jig for testing



Sun Simulator



Flash test and Hi-Potential test



Electroluminescence inspection



Visual inspection



Edge cutting



Stacked to ship



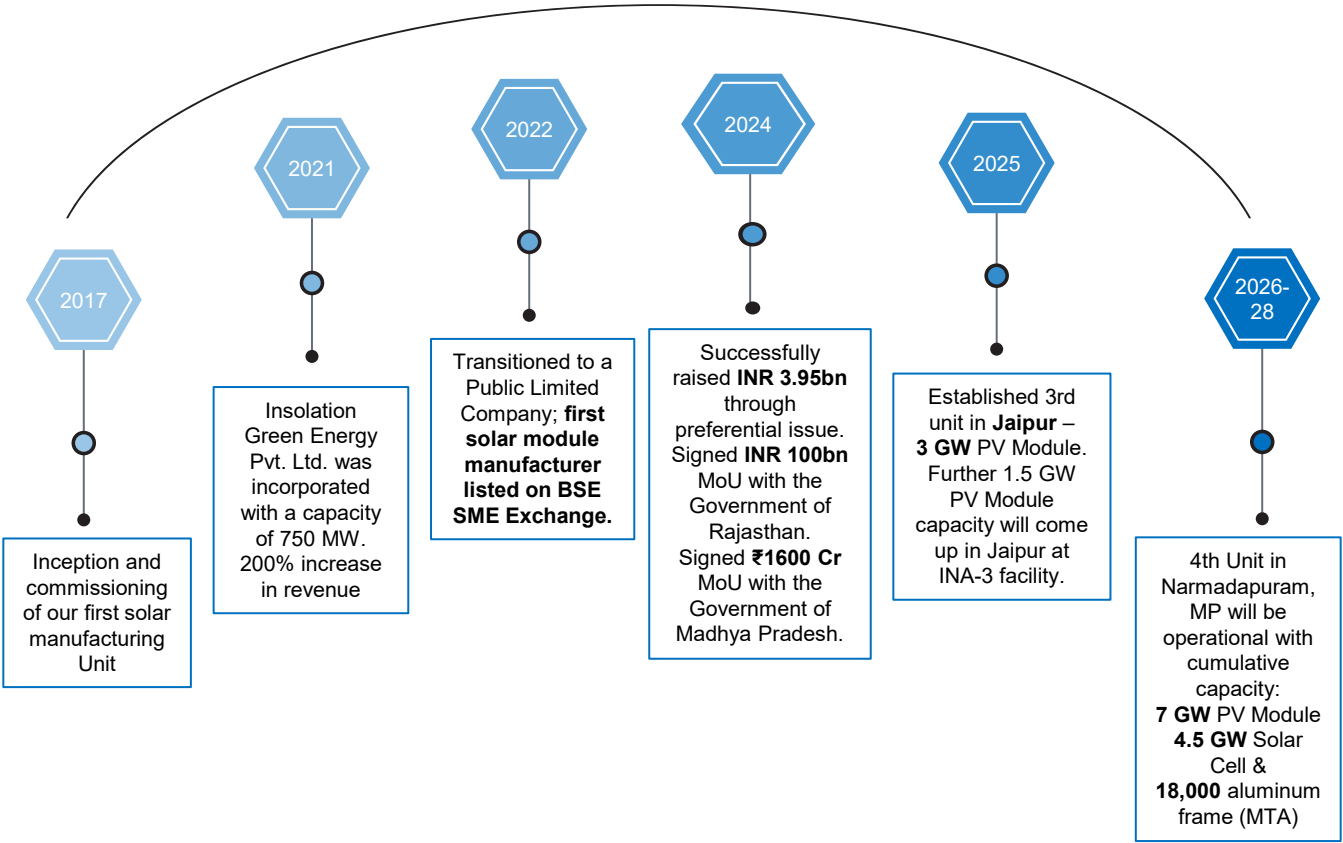
Management Meet – Plant Visit Note

About the company:

Insolation Energy Limited (INA) is a preeminent solar panel manufacturer in India, headquartered in Jaipur, Rajasthan, specializing in the production of high-efficiency solar PV modules. Operating solely within the manufacturing, trading (Solar PCU/Batteries), and integrated EPC segments, the company has executed over 600 projects and maintains an extensive distribution network across India. Operating through an extensive distribution network, with over 100+ distributors and 300+ dealers across 100+ districts in India, the company serves a geographically diversified presence across India with a customer base of more than 15,000 customers.

INA has rapidly scaled its manufacturing process, increasing capacity from 200 MW to 950 MW by FY 2023-24, and further to an impressive **4.5 GW** across three operational facilities (INA 1, INA 2, and INA 3) by the end August 2025, which helps position it as the largest solar panel manufacturer in Rajasthan.

Key Milestones



Management Team		
 Mr. Manish Gupta	Chairman	Mr. Manish Gupta, Founder and Chairman, has 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.
 Mr. Vikas Jain	Managing Director	Mr. Vikas Jain, Founder and Managing Director, has been instrumental in steering Insolation Energy toward becoming one of India's leading solar panel manufacturers. 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.
 Mr. Ravi Dusad	Chief Financial Officer	An accomplished financial strategist with nearly two decades of expertise, Mr. Dusad spearheads INA Solar's financial planning and governance. As a Chartered Accountant, he brings a wealth of experience in the manufacturing and service sectors, ensuring financial resilience and sustainable growth.
 Mr. Deepak Jain	Chief Technical Officer (CTO)	With over 18 years of expertise in the renewable energy sector, Deepak Jain leads technology selection at INA Solar, ensuring the adoption of cutting-edge equipment that enhances efficiency and safeguards investments. A recognized authority in PV backward integration, his expertise spans PV modules, cells, and ingot-wafer technology. His leadership in technology partnerships and vendor collaborations strengthens INA Solar's position in both domestic and global markets.

Income Statement (Consolidated in INR Mn)

Particulars	FY23	FY24	FY25
Revenue	2793.7	7371.7	13337.6
Gross Profit	384.3	1243.3	2317.9
EBITDA	184	800	1,611
Depreciation	23.5	70.9	91.7
EBIT	160.8	729.4	1518.9
Other Income	6.9	41.5	92.6
Interest Expense	29.7	95.6	73.2
PBT	138.0	675.3	1536.2
Reported PAT	106.8	554.7	1261.9
EPS	0.51	2.66	5.73

Source: INSOLATION ENERGY, Choice Institutional Equities

Ratio Analysis	FY23	FY24	FY25
Growth Ratios			
Revenue (%)	29.7%	163.9%	80.9%
EBITDA (%)	36.1%	334.4%	101.3%
PAT (%)	53.8%	419.3%	127.5%
Margin Ratios			
Gross Margin (%)	13.8%	16.9%	17.4%
EBITDA Margin (%)	6.6%	10.9%	12.1%
PAT Margin (%)	3.8%	7.5%	9.5%
Performance Ratios			
ROE (%)	28.5%	68.8%	34.8%
ROCE (%)	18.5%	44.9%	32.7%
Turnover Ratio (Days)			
Inventory	54	36	25
Debtors	29	20	22
Payables	25	18	18
Cash Conversion Cycle (Days)	58	39	29
Financial Stability Ratios			
Net Debt to Equity (x)	0.40	-0.06	-0.33
Net Debt to EBITDA (x)	1.15	NA	NA
Interest Cover (x)	0.86	0.93	1.01
Valuation Metrics			
PE (x)	24.6	61.3	45.2
EV (INR Bn)	2,773	34,212	57,019
EV/EBITDA (x)	15.5	43.0	35.7

Source: INSOLATION ENERGY, Choice Institutional Equities

Balance Sheet (Consolidated in INR Mn)

Particulars	FY23	FY24	FY25
Net Worth	528.8	1,083.4	6,169.0
Total Debt	679.2	960.3	1,080.9
Long Term Provision	3.2	5.4	5.9
Other Long Term Liabilities	4.1	-5.6	109.2
Trade Payables	214.8	374.2	720.4
Short Term Provision	20.1	6.2	42.2
Other Short Term Liabilities	118.5	167.3	341.7
Total Net Worth & Liabilities	1,592.9	2,627.8	8,473.9
Net Fixed Assets	378.6	462.2	772.9
Capital Work in Progress	-	14.0	461.0
Other Non-Current Asset	20.3	48.2	193.5
Long Term Investments	-	54.9	497.1
Inventories	480.3	737.9	769.8
Trade Receivables	283.9	519.6	1,100.9
Cash & Bank Balance	467.5	1,030.3	3,139.3
Other Current Assets	1.0	41.0	72.1
Total Assets	1,592.9	2,627.8	8,473.9
Capital Employed	1,208.0	2,043.6	7,249.9
Invested Capital	1,433.3	2,452.7	5,908.9
Net Debt	211.7	-70.0	-2,058.4

Source: INSOLATION ENERGY, Choice Institutional Equities

Cash Flow Statement (Consolidated in INR Mn)

Particulars	FY22	FY23	FY24	FY25
Cash Flows from Operations	15.3	13.5	468.7	814.1
Cash Flows from Investing	8.2	(59.2)	(467.3)	(4,612.7)
Cash Flows from Financing	(1.7)	29.4	51.4	5,145.3

Source: INSOLATION ENERGY, Choice Institutional Equities

Institutional Research Team			
Utsav Verma, CFA	Head of Institutional Research	utsav.verma@choiceindia.com	+91 22 6707 9440
Prashanth Kumar Kota, CFA	Analyst – Basic Materials	prashanth.kota@choiceindia.com	+91 22 6707 9887
Dhanshree Jadhav	Analyst – Technology	dhanshree.jadhav@choiceindia.com	+91 22 6707 9535
Karan Kamdar	Analyst – Small and Midcaps	karan.kamdar@choiceindia.com	+91 22 6707 9451
Deepika Murarka	Analyst – Healthcare	deepika.murarka@choiceindia.com	+91 22 6707 9513
Putta Ravi Kumar	Analyst – Defence	ravi.putta@choiceindia.com	+91 22 6707 9908
Maitri Sheth	Analyst – Pharmaceuticals	maitri.sheth@choiceindia.com	+91 22 6707 9511
Ashutosh Murarka	Analyst – Cement & Infrastructure	ashutosh.murarka@choiceindia.com	+91 22 6707 9887
Dhaval Popat	Analyst – Energy	dhaval.popat@choiceindia.com	+91 22 6707 9949
Aayush Saboo	Sr. Associate– Real Estate	aayush.saboo@choiceindia.com	+91 22 6707 9512
Bharat Kumar Kudikyala	Sr. Associate – Building Materials and Mining	bharat.kudikyala@choiceindia.com	+91 22 6707 9521
Avi Jhaveri	Sr. Associate – Technology	avi.jhaveri@choiceindia.com	+91 22 6707 9901
Kunal Bajaj	Sr. Associate – Technology	kunal.bajaj@choiceindia.com	+91 22 6707 9901
Abhinav Kapadia	Sr. Associate – Capital Goods	abhinav.kapadia@choiceindia.com	+91 22 6707 9707
Subhash Gate	Sr. Associate – Auto	subhash.gate@choiceindia.com	+91 22 6707 9233
Vikrant Shah, CFA (ICFAI)	Sr. Associate – Banks	vikrant.shah@choiceindia.com	+91 22 6707 9887
Vinay Rawal	Associate – Small and Midcaps	vinay.rawal@choiceindia.com	+91 22 6707 9433
Heer Gogri	Associate – Small and Midcaps	heer.gogri@choiceindia.com	+91 22 6707 9433
Heet Chheda	Associate – Auto	heet.chheda@choiceindia.com	+91 22 6707 9233
Rushil Katiyar	Associate – Technology	rushil.katiyar@choiceindia.com	+91 22 6707 9535
Stuti Bagadia	Associate – Pharmaceuticals	stuti.bagadia@choiceindia.com	+91 22 6707 9511

CHOICE RATING DISTRIBUTION & METHODOLOGY	
Large Cap*	
BUY	The security is expected to generate upside of 15% or more over the next 12 months
ADD	The security is expected to show upside returns from 5% to less than 15% over the next 12 months
REDUCE	The security is expected to show upside or downside returns by 5% to -5% over the next 12 months
SELL	The security is expected to show downside of 5% or more over the next 12 months
Mid & Small Cap*	
BUY	The security is expected to generate upside of 20% or more over the next 12 months
ADD	The security is expected to show upside returns from 5% to less than 20% over the next 12 months
REDUCE	The security is expected to show upside or downside returns by 5% to -10% over the next 12 months
SELL	The security is expected to show downside of 10% or more over the next 12 months
Other Ratings	
NOT RATED (NR)	The stock has no recommendation from the Analyst
UNDER REVIEW (UR)	The stock is under review by the Analyst and rating may change
Sector View	
POSITIVE (P)	Fundamentals of the sector look attractive over the next 12 months
NEUTRAL (N)	Fundamentals of the sector are expected to be in statis over the next 12 months
CAUTIOUS (C)	Fundamentals of the sector are expected to be challenging over the next 12 months

*Large Cap: More Than INR 20,000Cr Market Cap
*Mid & Small Cap: Less Than INR 20,000Cr Market Cap

Disclaimer

Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014
Choice Equity Broking Private Limited-Research Analyst - INH000000222. (CIN. NO.: U65999MH2010PTC198714). Reg. Add.: Sunil Patodia Tower, J B Nagar, Andheri(East), Mumbai 400099. Tel. No. 022-6707 9999
Compliance Officer–Prashant Salian, Email Id – Prashant.salian@choiceindia.com Contact no. 022- 67079999- Ext-2310
Grievance officer-Deepika Singhvi Tel.022-67079999- Ext-834. Email- ig@choiceindia.com
Investment in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI, and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors
This Research Report (hereinafter referred as “Report”) has been prepared by Choice Equity Broking Private Limited as a Research Entity (hereinafter referred as “CEBPL RE” Limited). The Research Analysts, strategists are principally responsible for the preparation of “CEBPL RE” research. The research analysts have received compensation based upon various factors, which may include quality of research, investor client feedback, stock picking, competitive factors and firm revenues etc.
Whilst CEBPL has taken all reasonable steps to ensure that this information is correct, CEBPL does not offer any warranty as to the accuracy or completeness of such information. Any person placing reliance on the report to undertake trading does so entirely at his or her own risk and CEBPL does not accept any liability as a result. Securities and Derivatives markets may be subject to rapid and unexpected price movements and past performance is not necessarily an indication of future performance.

General Disclaimer: This 'Report' is strictly meant for use by the recipient and is not for circulation. This Report does not take into account particular investment objectives, financial situations or specific needs of individual clients nor does it constitute a personal recommendation. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through CEBPL nor any solicitation or offering of any investment/trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein.

These information / opinions / views are not meant to serve as a professional investment guide for the readers. No action is solicited based upon the information provided herein. Recipients of this "Report" should rely on information/data arising out of their own Study/investigations. It is advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This 'Report' has been prepared on the basis of publicly available information, internally developed data and other sources believed by CEBPL to be reliable. CEBPL or its directors, employees, affiliates or representatives shall not be responsible for, or warrant for the accuracy, completeness, adequacy and reliability of such information / opinions / views. Though due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of CEBPL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this report.

The price and value of the investments referred to in this Report and the income from them may tend to go down as well as up, and investors may incur losses on any investments. Past performance shall not be a guide for future performance. CEBPL does not provide tax advice to its clients, and all investors are strongly advised to take advice of their tax advisers regarding taxation aspects of any potential investment. Opinions are based on the current scenario as of the date appearing on this 'Report' only. CEBPL does not undertake to advise you as to any change of our views expressed in this "Report" may differ on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold CEBPL, its employees and associates responsible for any losses, damages of any type whatsoever.

Disclaimers in respect of jurisdiction: This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject "CEBPL RE" to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by "CEBPL RE" in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this 'Report' shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. "CEBPL" requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to "CEBPL". Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in Mumbai (India).

Statements on ownership and material conflicts of interest, compensation - CEBPL and Associates reciprocates to the best of the knowledge and belief of CEBPL/ its Associates/ research Analyst who is preparing this report.

Disclosures of Interest (Additional):

1. "CEBPL", its research Analyst(s), or its associates or relatives of the Research Analyst does not have any financial interest in the company(ies) covered in this report.
2. "CEBPL" its research Analyst, or its associates or relatives of the research analyst affiliates collectively do not hold more than 1 of the securities of the company(ies) covered in this report as of the end of the month immediately preceding the distribution of the research report.
3. "CEBPL", its research analyst, his/her associate, his/her relative, do not have any other material conflict of interest at the time of publication of this research report.
4. "CEBPL", its research analyst, and its associates have not received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in this report, in the past twelve months.
5. "CEBPL", its research analyst, or its associates have not managed or co-managed in the previous twelve months, a private or public offering of securities for the company (ies) covered in this report.
7. "CEBPL, or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party, in connection with the research report.
8. CEBPL research analyst has not served as an Officer, Director, or employee of the company (ies) covered in the Research report.
9. "CEBPL", its research analyst has not been engaged in market making activity for the company(ies) covered in the Research report.

Details of Associates of CEBPL and Brief History of Disciplinary action by regulatory authorities are available on our

website i.e. <https://choiceindia.com/research-listing>

Sr. No.	Particulars	Yes / No
1.	Whether compensation has been received from the company(ies) covered in the Research report in the past 12 months for investment banking transaction by CEBPL	No
2	Whether Research Analyst, CEBPL or its associates or relatives of the Research Analyst affiliates collectively hold more than 1 of the company(ies) covered in the Research report	No
3.	Whether compensation has been received by CEBPL or its associates from the company(ies) covered in the Research report	No
4.	CEBPL or its affiliates have managed or co-managed in the previous twelve months a private or public offering of securities for the company(ies) covered in the Research report	No
5.	CEBPL, its research analyst, his associate, or its associates have received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in the Research report, in the last twelve months	No

Copyright: The copyright in this research report belongs exclusively to CEBPL. All rights are reserved. Any unauthorized use or disclosure is prohibited. No reprinting or reproduction, in whole or in part, is permitted without the CEBPL's prior consent, except that a recipient may reprint it for internal circulation only and only if it is reprinted in its entirety.

This "Report" is for distribution only under such circumstances as may be permitted by applicable law. This "Report" has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient, even if sent only to a single recipient. This "Report" is not guaranteed to be a complete statement or summary of any securities, markets, reports or developments referred to in this research report. Neither CEBPL nor any of its directors, officers, employees or agents shall have any liability, however arising, for any error, inaccuracy or incompleteness of fact or opinion in this "report" or lack of care in this report's preparation or publication, or any losses or damages which may arise from the use of this research report.

Information barriers may be relied upon by CEBPL, such as "Chinese Walls" to control the flow of information within the areas, units, divisions, groups, or affiliates of CEBPL.

Investing in any non-U.S. securities or related financial instruments (including ADINR) discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on such non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect within the United States. The value of any investment or income from any securities or related financial instruments discussed in this research report denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related financial instruments.

Past performance is not necessarily a guide to future performance and no representation or warranty, express or implied, is made by CEBPL with respect to future performance. Income from investments may fluctuate. The price or value of the investments to which this research report relates, either directly or indirectly, may fall or rise against the interest of investors. Any recommendation or opinion contained in this research report may become outdated as a consequence of changes in the environment in which the issuer of the securities under analysis operates, in addition to changes in the estimates and forecasts, assumptions and valuation methodology used herein.

No part of the content of this research report may be copied, forwarded or duplicated in any form or by any means without the prior written consent of CEBPL and CEBPL accepts no liability whatsoever for the actions of third parties in this respect.

The details of CEBPL, its research analyst and its associates pertaining to the companies covered in the Research report are given above.