

India

HOLD (no change)

Consensus ratings*: Buy 17 Hold 13 Sell 10

Concentratings : Buy 17 11	
Current price:	Rs1,550
Target price:	Rs1,620
Previous target:	Rs1,378
Up/downside:	4.5%
InCred Research / Consensus:	9.3%
Reuters:	VOLT.NS
Bloomberg:	VOLT IN
Market cap:	US\$6,111m
	Rs512,971m
Average daily turnover:	US\$29.4m
	Rs2465.9m
Current shares o/s:	330.8m
Free float:	69.7%
*Source: Bloomberg	

Key changes in this note

For FY25F/26F, we increased our revenue estimates by 8%/7% and PAT estimates by 18%/8%, respectively. We also introduce FY27F EPS of Rs42.



			Ü
Price performance	1M	ЗМ	12M
Absolute (%)	1.3	18.9	87.8
Relative (%)	3.3	9.7	55.3
Major shareholders		Q	% held
Promoter (Tata Sons L	td)		30.3
Life Insurance Corpora	tion		10.3

Voltas Ltd

Strong RAC volume; turnaround in EMPS

- 1Q EBITDA stood at Rs4.2bn, up 129% YoY, 43% above our estimate and 31% above Bloomberg consensus. The EBITDA margin rose 310bp YoY to 8.6%.
- The order book stands at ~Rs75bn. Strong project execution, and timely assessment of costs ensure a better bottom line in the coming quarters.
- For FY25F/26F, we increased revenue estimates by 8%/7% and PAT estimates by 18%/8%, respectively. We retain HOLD rating with a higher TP of Rs1,620.

Strong volume-led growth in 1QFY25

Voltas reported a healthy all-round performance in 1QFY25, with a revenue growth of 47% YoY to Rs49.2bn (+17% QoQ), 11% above our estimate and 9% above Bloomberg or BB consensus estimate. The EMP segment's revenue was up 40% YoY at Rs9.5bn, engineering product segment's revenue was up 13% YoY at Rs1.6bn while the UCP segment grew 51% YoY to Rs38bn. Voltas achieved a milestone of 1m air-conditioner or AC sales in 1QFY25, with a volume growth of 67% in UCP, which drove the segment. EBITDA stood at Rs4.2bn, up 129% YoY, 43% above our estimate and 31% above BB consensus estimate, while the margin expanded by 310bp YoY to 8.6%. PAT grew 160% YoY to Rs3.4bn, beating our estimate by 73% and BB consensus estimate by 39%.

EMPS business turns profitable

The EMPS segment reported a healthy 40% YoY revenue growth and turned EBIT-positive after several quarters of losses, thereby reflecting improved project execution and governance. The domestic projects business witnessed 50% growth, although order bookings were subdued due to general elections in India. International projects, particularly in the UAE and Saudi Arabia, continued to perform well. The total order book stands at ~Rs75bn. Strong project execution, timely assessment of costs and profitability ensure a better bottom-line performance in the coming quarters.

Outlook and valuation

After posting record-breaking sales of 2m ACs (35% volume growth) in FY24, Voltas started 1QFY25 on a strong note with 1m ACs (67% volume growth). It has started commercial operations at the RAC factory (Chennai) with a capacity of 1m ACs and water dispenser capacity of ~3,50,000 units which provide the strategic advantage of location to meet the growing demand for the under-penetrated AC and commercial refrigeration products. For FY25F/26F, we increased revenue estimates by 8%/7% factoring in higher volume in the UCP segment and raised PAT estimates by 18%/8%, respectively, factoring in higher margin in the EMPS segment. We also introduce FY27F EPS of Rs42. We retain HOLD rating on Voltas with a higher target price of Rs1,620 (Rs1,378 earlier), as we roll forward our valuation to Sep 2026F, valuing the stock at 42x. Upside risks: Quick margin recovery & strong revenue growth. Downside risks: More EMP segment losses & market share contraction in the RAC segment.

Research Analyst(s)

HDFC Life



Arafat SAIYED T (91) 22 4161 1542 E arafat.saiyed@incredcapital.com Anirvan DIVAKERA T (91) 02241611548 E anirvan.divakera@incredresearch.com

Financial Summary	Mar-23A	Mar-24A	Mar-25F	Mar-26F	Mar-27F
Revenue (Rsm)	94,988	124,812	161,959	183,513	205,339
Operating EBITDA (Rsm)	5,724	4,746	12,750	14,863	16,967
Net Profit (Rsm)	1,362	2,481	9,658	11,702	13,808
Core EPS (Rs)	7.4	7.5	29.2	35.4	41.7
Core EPS Growth	(51.7%)	1.5%	289.3%	21.2%	18.0%
FD Core P/E (x)	376.58	206.75	53.11	43.83	37.15
DPS (Rs)	5.5	4.3	8.8	10.6	12.5
Dividend Yield	0.36%	0.28%	0.56%	0.68%	0.81%
EV/EBITDA (x)	89.53	107.86	40.19	34.28	29.93
P/FCFE (x)	146.33	152.44	231.54	103.47	96.32
Net Gearing	(1.7%)	(2.4%)	(1.4%)	(5.2%)	(6.7%)
P/BV (x)	9.41	8.81	7.90	7.01	6.19
ROE	4.5%	4.4%	15.7%	16.9%	17.7%
% Change In Core EPS Estimates					
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS



1QFY25 conference-call highlights

- Overview: In 1QFY25, Voltas posted a strong volume growth of 67% YoY at 1m AC units. The company has successfully regained market share, mainly due to its focus on volume and customer-centric strategies while other Korean competitors appear to be shifting their focus towards maintaining margins rather than pursuing volume growth. This shift led to a more rational pricing environment in the industry, allowing Voltas to strengthen its position.
- Guidance and outlook: Although the coming quarters can typically be a lean
 period for cooling products, Voltas expects higher demand due to the festive
 season. The company mentioned the importance of monitoring external factors
 such as inflation, crude oil prices, and geopolitical challenges. Voltas is also
 restructuring its overseas investments, which is expected to be completed by
 Sep 2024F.
- Margin pressure: Management stated that maintaining margins have been a
 challenge, particularly in the cooling products segment. It said that while
 commodity prices are rising, the company is implementing value engineering
 initiatives to mitigate the impact and stabilize margins. The focus remains on
 optimizing operational efficiency and maintaining competitive pricing without
 sacrificing quality. The company has increased advertising expenses to 3% of
 its sales in 1Q, vs. 1.7% in FY24, especially TV advertisements. Management
 has maintained its high single-digit margin guidance
- New facilities: Voltas has started commercial operations at its RAC factory in Chennai having a capacity of 1m ACs and water dispenser capacity of ~3,50,000 units which provides the strategic advantage of location to meet the rising demand for the under-penetrated AC and commercial refrigeration products.

• Segments:

- of Voltas' total revenue, achieved significant growth driven by high demand for ACs amid extreme weather conditions. Volume growth was at 67%, with a surge in sales of split ACs and premium products. The company maintained its market leadership position with a 21.2% market share in Jun 2024. Despite strong sales, the segment faced challenges with stock liquidation of non-quality-controlled inventory, leading to a slight drop in margins. However, management is optimistic about future capacity expansion and operational efficiency, particularly with new factories. Voltas cooler models were well accepted and further fueled the growth with their market share rising to 10.5%, the No. 2 brand in Jun 2024. Water heater sales had a good start and are expected to grow bigger in the coming months, despite being a lean period for the product.
- Electro-Mechanical Projects and Services (EMPS): The segment posted a 40% revenue growth, reporting a positive EBIT of Rs670m after losses in the previous quarters, reflecting improved project execution and governance. The domestic projects business witnessed 50% growth, although order bookings were subdued due to general elections in India. International projects, particularly in the UAE and Saudi Arabia, continued to perform well. The total carry-forward order book for this segment stood at ~Rs75bn.
- Engineering Products and Services (EPS): The segment received traction from the mining and construction vertical, which showed positive momentum, but margins were affected by increased overhead costs. The textile industry faced headwinds, impacting demand for related services. Despite these challenges, the after-sales segment remained strong, and the company is focused on maintaining growth in both Mozambique and India.



• Voltas Beko: In the home appliances sector, Voltas Beko recorded a volume growth of over 50% compared to the previous year, with significant improvement in market share across various product categories. The brand is now among the top three in the semi-automatic washing machine segment, holding a 14% market share in semi-automatic and 7.8% share in automatic washing machines. The refrigerator segment also achieved over 50% growth in business, reporting a YTD Jun 2024-end market share of 5.2%.

Figure 1: Quarterly results snapshot							
(Rs m)	1QFY25	1QFY24	YoY (%)	4QFY24	QoQ (%)		
Net Sales	49,210	33,599	46.5	42,029	17.1		
Raw Material Costs	38,922	26,504	46.9	33,727	15.4		
Employee Costs	2,023	1,805	12.1	1,992	1.6		
Other Expenses	4,027	3,436	17.2	4,404	(8.6)		
Total Expenditure	44,972	31,745	41.7	40,123	12.1		
EBITDA	4,238	1,854	128.6	1,906	122.4		
Depreciation	134	113	19.3	118	13.7		
EBIT	4,104	1,741	135.7	1,788	129.6		
Interest	98	101	(3.6)	208	(53.1)		
Other Income	803	700	14.7	544	47.5		
PBT	4,809	2,340	105.5	2,124	126.4		
PBT Excl. Extraordinary Items	4,809	2,340	105.5	2,124	126.4		
Total Tax	1,165	735	58.6	634	83.7		
Share of Profit in JV	(294)	(310)	(5.4)	(383)	(23.4)		
PAT	3,350	1,293	159.1	1,106	202.8		
Adj. PAT	3,350	1,293	159.1	1,106	202.8		
SOURCE: INCRED RESEARCH, COMPANY REPORTS							

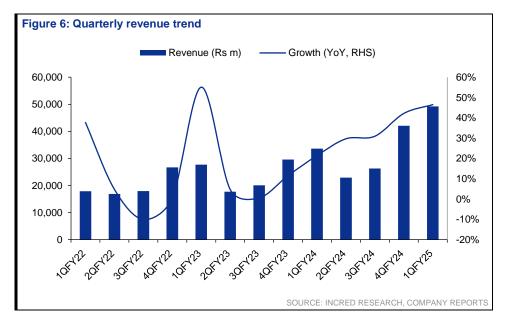
Figure 2: Margin and cost analysi	s					
Margins (%)	1QFY25	1QFY24	YoY bp	4QFY24	QoQ bp	
EBITDA Margin	8.6	5.5	310	4.5	408	
EBIT Margin	8.3	5.2	316	4.3	409	
PBT Margin	9.8	7.0	281	5.1	472	
NPM	6.8	3.8	296	2.6	418	
Effective Tax Rate	24.2	31.4	(718)	29.9	(564)	
Cost (%)						
Raw Material Costs	79.1	78.9	21	80.2	(115)	
Other Expenses	8.2	10.2	(204)	10.5	(230)	
Personnel Costs	4.1	5.4	(126)	4.7	(63)	
SOURCE: INCRED RESEARCH, COMPANY REPORTS						

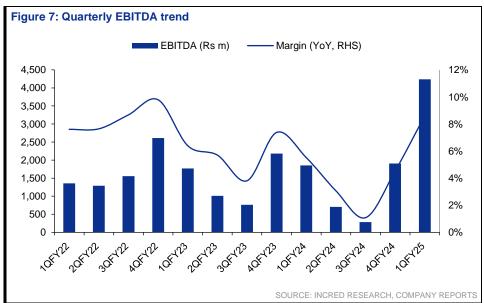
Figure 3: Segment-wise revenu	ue and EBIT mix				
Revenue (Rs m)	1QFY25	1QFY24	YoY (%)	4QFY24	QoQ (%)
Electro-mechanical	9,491	6,791	39.8	10,979	(13.6)
Engineering Products	1,608	1,423	13.0	1,564	2.8
Unitary Cooling Products	38,022	25,140	51.2	29,551	28.7
Total	49,121	33,353	47.3	42,094	16.7
EBIT (Rs m)	1QFY25	1QFY24	YoY (%)	4QFY24	QoQ (%)
Electro-mechanical	675	-519	230.1	-1,077	(162.7)
Engineering Products	448	541	(17.1)	478	(6.2)
Unitary Cooling Products	3,270	2,073	57.7	2,704	20.9
Total	4,394	2,096	109.6	2,105	108.7
EBIT margin (%)	1QFY25	1QFY24	YoY bp	4QFY24	QoQ bp
Electro-mechanical	7.1	(7.6)	1475	(9.8)	1692
Engineering Products	27.9	38.0	(1014)	30.6	(268)
Unitary Cooling Products	8.6	8.2	35	9.2	(55)
Blended EBIT margin	8.9	6.3	266	5.0	394
	SOURCE: INCRED RESEARCH, COMPANY REPORTS				

Figure 4: Actuals vs. estimates						
vs. InCred Estimates (Rs m)	1QFY25	1QFY25F	Diff. (%)			
Revenue	49,210	44,426	10.8			
EBITDA	4,238	2,957	43.3			
Margin (%)	8.6	6.7	195 bps			
PAT	3,350	1,932	73.4			
vs. Consensus Estimates (Rs m)	1QFY25	1QFY25C	Diff.			
Revenue	49,210	45,334	8.5			
EBITDA	4,238	3,246	30.5			
Margin (%)	8.6	7.2	145 bps			
PAT	3,350	2,408	39.1			
	SOURCE: INCRED RESEARCH, COMPANY REPORTS					

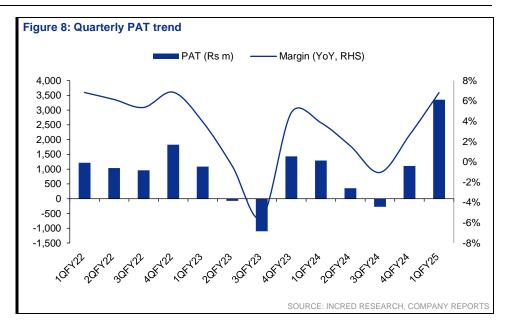


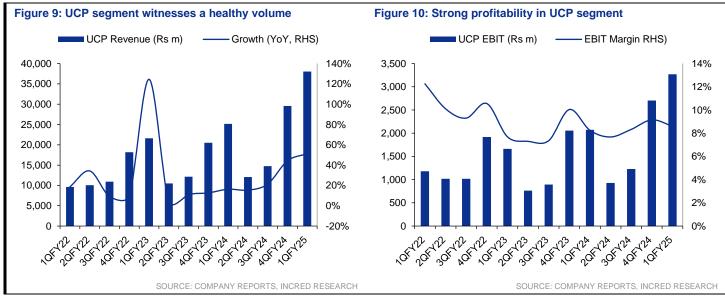
/Da\	New	Estimates	Old	Estimates	Cl	nange (%)	Introduced
(Rs m)	FY25F	FY26F	FY25F	FY26F	FY25F	FY26F	FY27F
Revenue	1,61,959	1,83,513	1,49,661	1,71,532	8.2%	7.0%	2,05,339
EBITDA	12,773	14,913	10,945	14,462	16.7%	3.1%	17,049
Core PAT	9,658	11,702	8,223	10,854	17.5%	7.8%	13,808

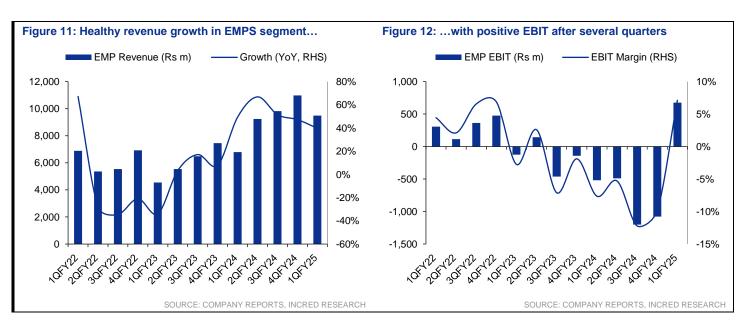




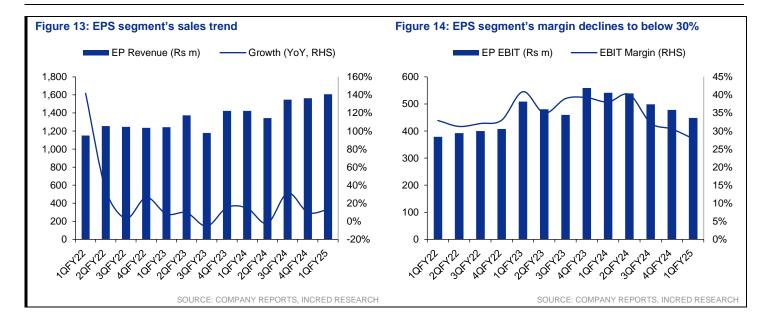






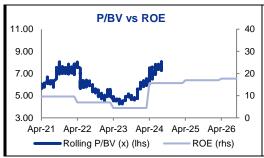








BY THE NUMBERS





Profit & Loss					
(Rs mn)	Mar-23A	Mar-24A	Mar-25F	Mar-26F	Mar-27F
Total Net Revenues	94,988	124,812	161,959	183,513	205,339
Gross Profit	21,206	26,672	38,870	42,942	48,460
Operating EBITDA	5,724	4,746	12,750	14,863	16,967
Depreciation And Amortisation	(396)	(476)	(556)	(612)	(668)
Operating EBIT	5,328	4,270	12,194	14,251	16,299
Financial Income/(Expense)	(296)	(559)	(611)	(655)	(699)
Pretax Income/(Loss) from Assoc.	(1,207)	(1,386)	(1,247)	(998)	(699)
Non-Operating Income/(Expense)	1,685	2,533	2,997	3,383	3,794
Profit Before Tax (pre-EI)	5,510	4,858	13,333	15,981	18,696
Exceptional Items	(2,438)				
Pre-tax Profit	3,071	4,858	13,333	15,981	18,696
Taxation	(1,709)	(2,377)	(3,674)	(4,279)	(4,887)
Exceptional Income - post-tax					
Profit After Tax	1,362	2,481	9,658	11,702	13,808
Minority Interests					
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	1,362	2,481	9,658	11,702	13,808
Recurring Net Profit	2,444	2,481	9,658	11,702	13,808
Fully Diluted Recurring Net Profit	2,444	2,481	9,658	11,702	13,808

Cash Flow					
(Rs mn)	Mar-23A	Mar-24A	Mar-25F	Mar-26F	Mar-27F
EBITDA	5,724	4,746	12,750	14,863	16,967
Cash Flow from Invt. & Assoc.					
Change In Working Capital	(3,836)	801	(6,081)	(3,254)	(3,928)
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	1,362	4,183	2,429	2,753	3,080
Net Interest (Paid)/Received					
Tax Paid	(1,656)	(2,115)	(3,674)	(4,279)	(4,887)
Cashflow From Operations	1,594	7,615	5,424	10,082	11,231
Capex	(1,774)	(2,883)	984	(1,120)	(1,120)
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	958	(2,341)	(4,549)	(4,379)	(5,179)
Cash Flow From Investing	(816)	(5,224)	(3,565)	(5,499)	(6,299)
Debt Raised/(repaid)	2,728	974	357	374	393
Proceeds From Issue Of Shares					
Shares Repurchased					
Dividends Paid	(1,829)	(1,432)	(2,898)	(3,511)	(4,143)
Preferred Dividends					
Other Financing Cashflow	(355)	(713)	(108)	(449)	(484)
Cash Flow From Financing	544	(1,172)	(2,649)	(3,585)	(4,234)
Total Cash Generated	1,322	1,219	(791)	998	699
Free Cashflow To Equity	3,506	3,365	2,215	4,958	5,326
Free Cashflow To Firm	778	2,392	1,859	4,583	4,932

SOURCE: INCRED RESEARCH, COMPANY REPORTS



BY THE NUMBERS...cont'd

Balance Sheet					
(Rs mn)	Mar-23A	Mar-24A	Mar-25F	Mar-26F	Mar-27F
Total Cash And Equivalents	7,084	8,523	8,433	11,684	13,813
Total Debtors	21,919	25,328	31,948	35,194	39,380
Inventories	15,920	21,354	26,623	29,161	32,629
Total Other Current Assets	16,471	17,027	22,231	24,686	27,622
Total Current Assets	61,393	72,232	89,235	100,726	113,444
Fixed Assets	5,012	7,980	6,441	6,949	7,401
Total Investments	31,581	35,532	38,870	42,208	47,228
Intangible Assets	723	723	723	723	723
Total Other Non-Current Assets	4,081	3,890	5,669	7,341	8,214
Total Non-current Assets	41,397	48,125	51,702	57,220	63,565
Short-term Debt	5,948	4,853	5,096	5,351	5,618
Current Portion of Long-Term Debt					
Total Creditors	30,126	38,557	49,697	55,808	62,445
Other Current Liabilities	8,461	12,043	13,312	15,083	16,877
Total Current Liabilities	44,535	55,453	68,105	76,242	84,941
Total Long-term Debt	212	2,280	2,394	2,514	2,639
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	1,393	1,383	1,944	2,202	2,464
Total Non-current Liabilities	1,605	3,663	4,338	4,716	5,103
Total Provisions	1,713	2,699	3,192	3,493	3,805
Total Liabilities	47,853	61,815	75,634	84,451	93,849
Shareholders Equity	54,521	58,205	64,966	73,158	82,824
Minority Interests	417	337	337	337	337
Total Equity	54,937	58,542	65,303	73,495	83,161

Key Ratios					
	Mar-23A	Mar-24A	Mar-25F	Mar-26F	Mar-27F
Revenue Growth	19.7%	31.4%	29.8%	13.3%	11.9%
Operating EBITDA Growth	(16.0%)	(17.1%)	168.6%	16.6%	14.2%
Operating EBITDA Margin	6.0%	3.8%	7.9%	8.1%	8.3%
Net Cash Per Share (Rs)	2.79	4.20	2.85	11.55	16.79
BVPS (Rs)	164.77	175.91	196.34	221.10	250.31
Gross Interest Cover	18.00	7.64	19.97	21.77	23.33
Effective Tax Rate	55.6%	48.9%	27.6%	26.8%	26.1%
Net Dividend Payout Ratio	48.1%	57.7%	30.0%	30.0%	30.0%
Accounts Receivables Days	82.65	69.08	64.54	66.77	66.28
Inventory Days	80.47	69.31	71.13	72.42	71.88
Accounts Payables Days	147.29	127.72	130.85	136.98	137.57
ROIC (%)	16.7%	12.3%	29.5%	31.8%	32.9%
ROCE (%)	8.9%	6.7%	17.5%	18.4%	18.8%
Return On Average Assets	4.0%	2.6%	7.7%	8.2%	8.6%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Industrial Machinery | India Voltas Ltd | August 17, 2024



DISCLAIMER

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd. (formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. While every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which is believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made (information barriers and other arrangements may be established, where necessary, to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short-term views, etc.) that are inconsistent with and reach a different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report

Research Analyst or his/her relative(s) or InCred Research Services Private Limited or our associate may have any financial interest in the subject company.

Research Analyst or his/her relatives or InCred Research Services Limited or our associates may have actual or beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of the Research Report.

Research Analyst or his/her relative or InCred Research Services Private Limited or our associate entities may have any other material conflict of interest at the time of publication of the Research Report.



In the past 12 months, IRSPL or any of its associates may have:

- a) Received any compensation/other benefits from the subject company,
- b) Managed or co-managed public offering of securities for the subject company,
- c) Received compensation for investment banking or merchant banking or brokerage services from the subject company,
- d) Received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company

We or our associates may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.

Research Analyst may have served as director, officer, or employee in the subject company.

We or our research analyst may engage in market-making activity of the subject company.

Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his
 or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and
 autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based on any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm
 performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in this report and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.

Recommendation Framework	
Stock Ratings	Definition:
Add	The stock's total return is expected to exceed 10% over the next 12 months.
Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
Reduce	The stock's total return is expected to fall below 0% or more over the next 12 months.
The total expected return of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net dividend yields of the stock. Stock price targets have an investment horizon of 12 months.	
Sector Ratings	Definition:
Overweight	An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.
Neutral	A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.
Underweight	An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.
Country Ratings	Definition:
Overweight	An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.
Neutral	A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.
Underweight	An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.