

At the inflection point of renewable revolution in India...

About stock: IREDA is a systemically important non-deposit taking non-banking financial company engaged in financing of renewable sector. IREDA is into business since more than 36 years engaged in field of promoting, developing and extending financial assistance for setting up projects relating to new and renewable sources of energy, energy efficiency & conservation.

The company has geographically diversified asset base with term loans outstanding across 23 states and 5 union territories

Investment Rationale

- Vast opportunity and government focus to aid sustained growth:** India is the third-largest producer and second-largest consumer of energy globally. The country's power demand has consistently increased and is further expected to increase at CAGR of 4.8% in FY24-27 with peak demand touching 277 GW in FY27. India's total installed power generation capacity stood at 428 GW (December 2023), with renewable sources contributing ~40% (~172 GW). With focus to increase renewable capacity, the government aims to achieve a target of 500 GW by FY30, necessitating an investment of ₹24.43 trillion.

Given large gestation period in renewable projects limiting banks' ability to finance, specialised power financiers are expected to play a major role in funding renewable projects. Given IREDA focus on financing RE sector, business growth is expected to remain healthy at ~25-30% CAGR with market share expected at ~29% in incremental financing in FY24-30E, thus touching an AUM of ₹3.5 lakh crore in FY30E (as given in plan to achieve Maharatna status).

- Capability to borrow at competitive rate remains an advantage:** Being non-deposit taking NBFC, IREDA has been relying on domestic as well foreign markets for borrowing. As of March 2024, major proportion of borrowings at ~81% are sourced from domestic avenues. With Gol stake at 75%, IREDA has been assigned highest "AAA" rating enabling long term borrowings at competitive cost, thereby supporting margins. Relatively higher proportion of floating rate loans at 94.3% and 62% of borrowing at fixed rate, could impart pressure on margins in declining rate cycle, consistent growth in AUM and highest credit rating is seen to aid NII growth of 26% CAGR in FY24-26E.
- Operating leverage to aid profitability with business growth:** Continued healthy growth in AUM (expected at ~30% CAGR in FY25-26E) is expected to aid profitability owing to benefit from operating leverage. Though, margins could remain under pressure in the near term, benefit on opex and steady credit cost is seen to keep profitability run rate at ~20% CAGR ahead. Return on asset is expected to witness marginal pressure in near term, only to revive back at 1.9-2% ahead.

Rating and Target Price

- Given government's focus on renewable sector, we remain **positive** on long term growth prospects which will aid long term sustained growth in AUM. Thus, we assign a **Buy** rating on the stock with a target price of ₹ 250, valuing the business on DCF basis assuming discounting rate at 12% and terminal growth at 6.5%.

Key Financial Summary

₹ crore	FY21	FY22	FY23	FY24	3 year CAGR (FY21-FY24)	FY25E	FY26E	2 year CAGR (FY24-26E)
NII	995	1126	1285	1658	18.6%	2984	3651	48.4%
PPP	921	1014	1206	1618	20.7%	2055	2603	26.8%
PAT	356	634	865	1252	52.0%	1484	1803	20.0%
ABV (₹)	38	19	23	30	-8.0%	35	41	17.8%
P/E	40.7	66.7	48.9	39.7		33.5	27.6	
P/ABV	4.8	10.0	8.2	6.2		5.3	4.5	
RoA	1.3%	1.9%	1.9%	2.1%		1.9%	1.8%	
RoE	11.9%	12.0%	14.6%	14.6%		14.8%	15.2%	

Source: Company, ICICI Direct Research



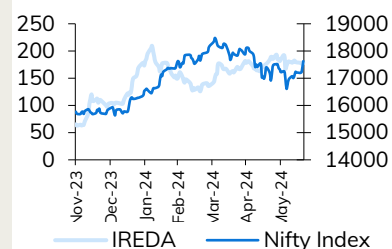
Particulars

Particulars	Amount
Market Capitalisation	₹ 49737 crore
52 week H/L	215 / 50
Net worth	₹ 8560 Crore
Face Value	10.0
DII Holding (%)	0.9
FII Holding (%)	1.4

Shareholding pattern

Holding (%)	Sep-23	Dec-23	Mar-24
Promoter	100.0	75.0	75.0
FII	0.0	1.9	1.4
DII	0.0	4.4	0.9
Public	0.0	18.8	22.7

Price Chart



Key risks

- Substantial exposure to private sector poses risk of NPA
- Adverse change in regulation
- Unseasoned book remains watchful for any asset quality

Research Analyst

Vishal Narnolia
vishal.narnolia@icicisecurities.com

Gaurav Singh
Gaurav.si@icicisecurities.com

Krishna Vyas
Krishna.vyas@icicisecurities.com

Company Background

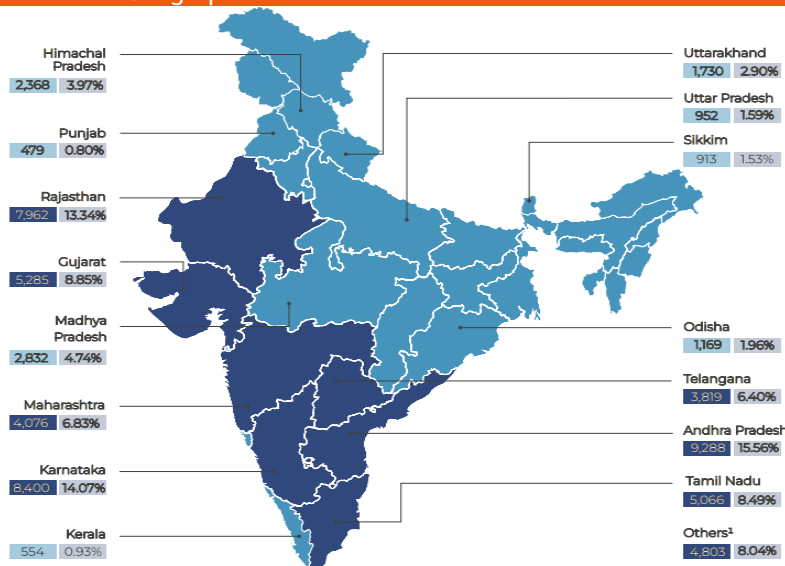
Incorporated in March 1987, IREDA is India's largest pure-play green financing NBFC engaged in promoting, developing and financing renewable energy and energy conservation projects. IREDA is a public financial institution (Govt stake at 75%) under administrative control of Ministry of New & Renewable Energy categorised as Systemically Important Non-Deposit taking Non-Banking Financial Company by RBI. The company has a comprehensive range of financial products and related services, from project conceptualisation to post-commissioning, for renewable projects and other value chain activities, such as equipment manufacturing and transmission with a well geographically diversified portfolio across 23 states and 5 union territories. It has financed projects across multiple renewable sectors such as solar power, wind power, hydro power, transmission, biomass, waste-to-energy, ethanol, compressed biogas, EEC & green-mobility. It offers financial products and schemes for new & emerging renewable technologies such as, biofuel, green hydrogen, BESS, fuel cells, and hybrid RE projects. Apart from financing renewable projects, IREDA operates a 50 MW solar plant at Kasargod, Kerala. As of March 2024, AUM stood at ₹ 58,775 crore, with ~30% CAGR in FY21-24. In FY24, disbursement was at ₹ 25089 crore, while PAT was at ₹1252 crore, growing at ~52% CAGR in FY21-24.

- Key fund-based products for renewable developers include long-term, medium-term and short-term loans, top-up loans, bridge loans, takeover financing and loans against securitization of future cashflows
- Non-fund-based products include letter of comfort, letter of undertaking, payment on order instruments and guarantee assistance schemes; also consulting services on techno-commercial issues relating to renewable (RE) sector

IREDA at a glance

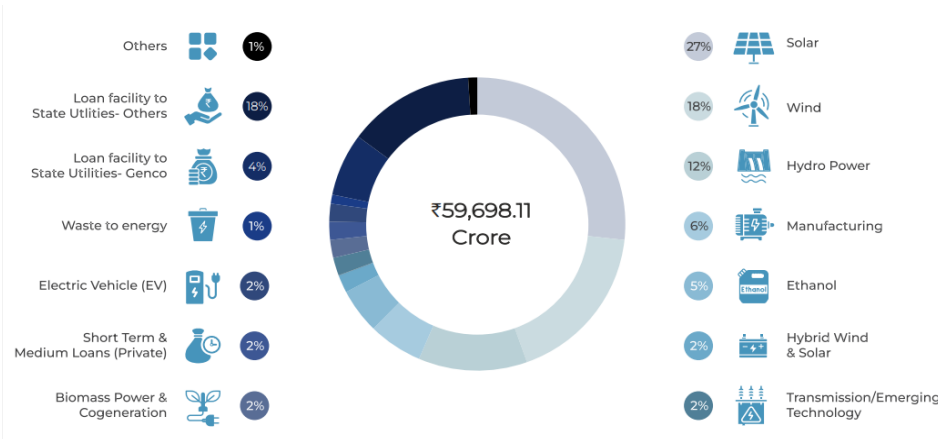
- India's largest pure-play green financing NBFC
- Strategic role in Govt's initiatives for promotion and development of Renewable Energy
 - 75% owned by Government of India
 - Navratna Central Public Service Enterprise (CPSE)
- Implementation and Nodal agency for several prominent MNRE schemes

Exhibit 1: IREDA – Geographical asset mix



Source: Company, ICICI Direct Research

Exhibit 2: Sector-wise AUM break-up



Source: Company, ICICI Direct Research

IREDA has played a strategic role in Government of India initiatives in the Renewable Energy sector. The company has been involved in the development and implementation of various policies and schemes for structural and procedural reform in RE sector.

IREDA has served as the implementing agency for key Ministry of New and Renewable Energy policies and schemes:

- National Programme on High Efficiency Solar PV Modules under the PLI Scheme (Tranche I), outlay over a five-year period is ₹45 billion
- Central Public Sector Undertaking Scheme Phase-II for setting up 12,000 MW grid-connected solar PV power projects with Viability Gap Funding support of ₹858 million for self-use or use by Government or Government entities, of Central and State Governments
- Solar and Wind GBI Schemes, with the wind GBI scheme having a total commissioned capacity of 13,624.88 MW and a budget of ₹12.14 billion, allocated for FY24, and solar GBI scheme, under which 72 solar projects with total capacity of 91.8 MW were set up across 13 states, as of March 2023
- National Clean Energy Fund Refinancing Scheme

Investment Rationale

Vast opportunity and government focus to aid sustained growth

India is the third-largest producer and the second-largest consumer of energy globally. The country's power demand has consistently increased, except during FY21 due to the COVID-19 pandemic. By FY27, India's peak electricity demand is expected to reach 277 GW, with an energy requirement of 1908 BU, growing at a CAGR of 4.8% and 4.5% respectively. The CAGR for energy requirement and peak demand from FY27 to FY32 is projected at ~5.3% and 5.7% respectively.

A sneak peak in India's current power scenario

As of December 2023, India's total installed power generation capacity stood at 428 GW, with renewable sources contributing approximately 40%. The government aims to increase this share to 66% by FY32, necessitating an investment of ₹24.43 lakh crore for renewable capacity additions from FY23-32. Key drivers include:

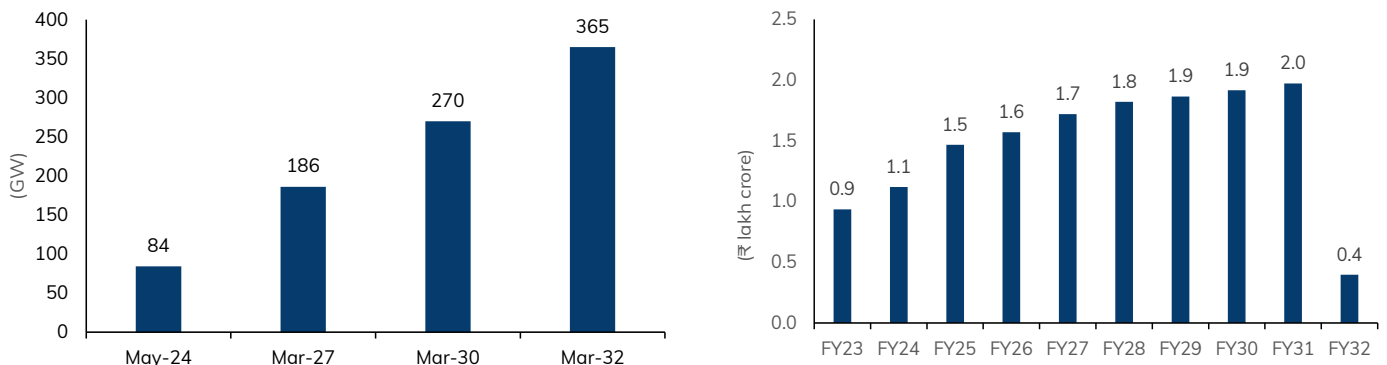
- Government initiatives to meet climate targets: achieving 500 GW of non-fossil fuel energy capacity by 2030, fulfilling 50% of energy requirements through renewables by 2030, reducing carbon intensity by 45% over 2005 levels by 2030, attaining energy independence by 2047, and achieving net zero emissions by 2070
- The advantages of renewable energy, such as abundant resource availability and lower tariffs
- Technological advancements in renewable energy. By FY27, renewable power capacity is expected to reach 336 GW, with solar, wind, and hydro accounting for 55%, 22%, and 16% respectively. This capacity is projected to grow to 595 GW by FY32, making up 66% of total power generation capacity.

To support the shift to renewable energy, the government has launched various initiatives, including National Green Hydrogen Mission, which aims to establish India as a global leader in green hydrogen production, usage, and export. With an investment of ₹19,000 crore, the mission targets an annual production of 5 MMT by 2030. Additionally, India aims to achieve a 30% electric vehicle (EV) adoption rate by 2030, necessitating significant expansion of EV charging infrastructure, including a target of 46,397 public charging stations by 2030.

Solar Power

India has a significant potential to harness solar energy, ~5,000 trillion units of solar energy is incident on India's geography every year and most part receive 4-7 kWh per square metre per day which can be effectively harnessed and provide huge scalability in India. The government's focus on renewable energy has significantly increased solar power capacity to meet the COP26 targets. India has a solar potential of 749 GW and has only 84 GW of installed capacity as of March 2024 of which top 10 states which account for 75% of production harness only about 9% of their potential and hence India has a significant untapped solar potential across India. Thus, solar installed capacity is targeted to touch 270 GW in FY30 and further to 365 GW by FY32.

Exhibit 3: Solar Power – Targeted installed capacity and expected outlay



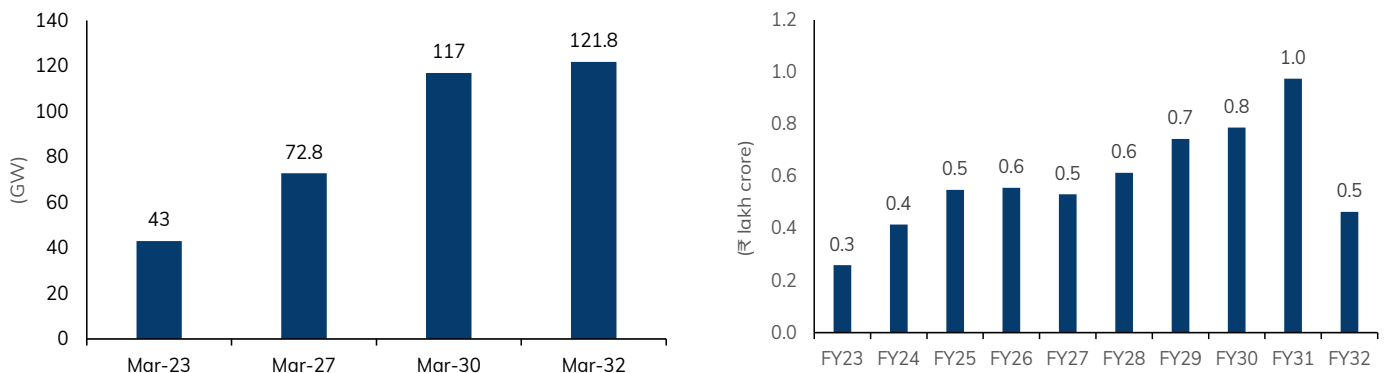
Source: Company, ICICI Direct Research

Wind Power

As of May 2024, India ranks fourth globally in wind power capacity with 46 GW installed. The wind industry has developed a robust ecosystem, with a domestic manufacturing base capable of producing 10,000 MW annually. Gujarat leads with 11.8 GW installed capacity, followed by Tamil Nadu, Karnataka, and Maharashtra. Comparing the install capacity of wind to its potential, it is only about 14% and India has a huge untapped potential in this segment as well and the government through various initiatives is looking to tap this untapped potential. The government, through National Institute of Wind Energy, has installed over 800 wind-monitoring stations all over country and issued wind potential maps at 50m, 80m, 100m and 120m above ground level and the assessment indicates a gross wind power potential of 302 GW in the country at 100 meter and 696 GW at 120 meter above ground level. In the initial phase, wind energy is targeted to contribute 117 GW by FY30 and further touch 122 GW in FY32.

Offshore wind energy - India has a coastline of about 7,600 kms surrounded by seawater on three sides and has tremendous power generation potential from this segment. As per MNRE, eight zones in Gujarat and Tamil Nadu have been identified as possible offshore wind energy exploitation zones. The potential for off-shore wind energy is estimated to be 174 GW across fixed bottom and floating potential mainly off the coast of Gujarat and Tamil Nadu. The MNRE has set a target of 30 GW by 2030 which has been issued to give confidence to the project developers in India.

Exhibit 4: Wind Power – Targeted installed capacity and expected outlay

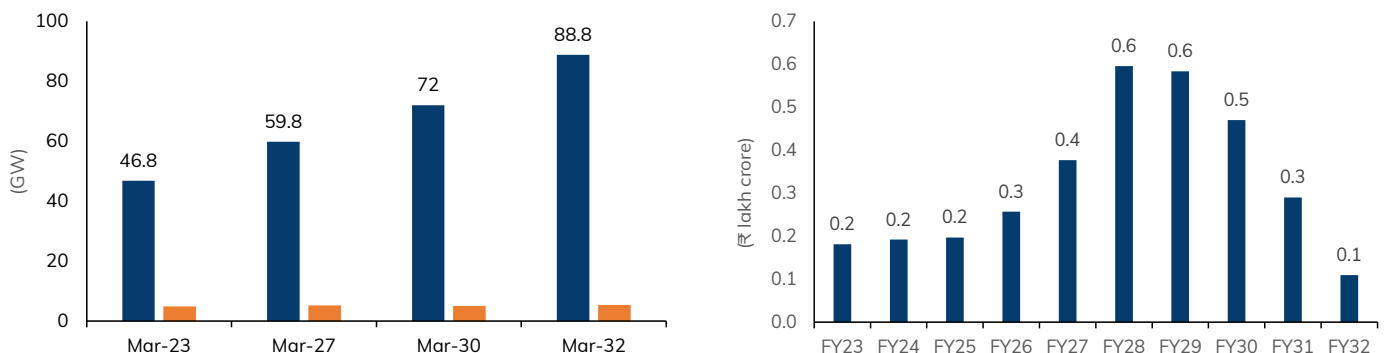


Source: Company, ICICI Direct Research

Hydro Power

India's hydro power plants are categorized into large and small hydro projects, with those up to 25 MW classified as small hydro. As of May 2024, India has the fifth-largest hydroelectric power capacity globally, with 52 GW installed, accounting for 12% of the total power generation capacity. The government has formally recognized large hydro projects as renewable since 2019, aiming to accelerate hydro power development. By FY27, hydro capacity is expected to reach 59.8 GW, and 88.8 GW by FY2032. Small hydro capacity is anticipated to remain between 4.8 GW and 5.4 GW.

Exhibit 5: Hydro Power – Targeted installed capacity and expected outlay



Source: Company, ICICI Direct Research

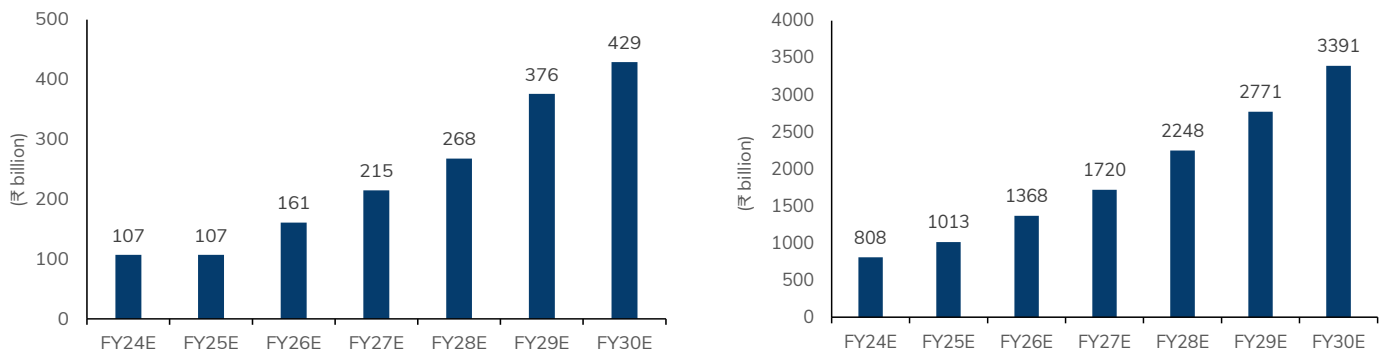
Green Hydrogen

The National Green Hydrogen Mission, with an initial outlay of ₹19744 crore, aims to make India a leading producer of green hydrogen, targeting 5 MMT annual production by 2030. The policy supports renewable energy generation for green hydrogen production, contributing to India's clean energy commitments. According to a report by USAID and MNRE, achieving the 2030 green hydrogen target will require an investment of ~₹3 lakh crore in ammonia infrastructure and electrolyser capacity.

Electric Vehicle and charging infrastructure

India promotes EV adoption to reduce greenhouse gas emissions, improve air quality, and lessen fossil fuel dependence. The government targets 100% electric mobility for public transport and 40% for private vehicles by 2030. NITI Aayog estimates suggest EV sales could reach 70% for commercial cars, 30% for private cars, 40% for buses, and 80% for two- and three-wheelers by 2030. The expansion of charging infrastructure is critical, with 8,735 public charging stations and 84 charge point operators currently in India. The government aims to establish 500,000 public charging stations by 2025, offering incentives to set up private charging station.

Exhibit 6: Electric Vehicle – Investment required (LHS) and annual revenue from EV

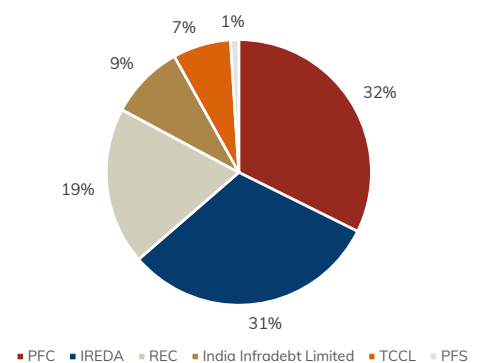


Source: Company, ICICI Direct Research

Opportunity for IREDA in renewable energy

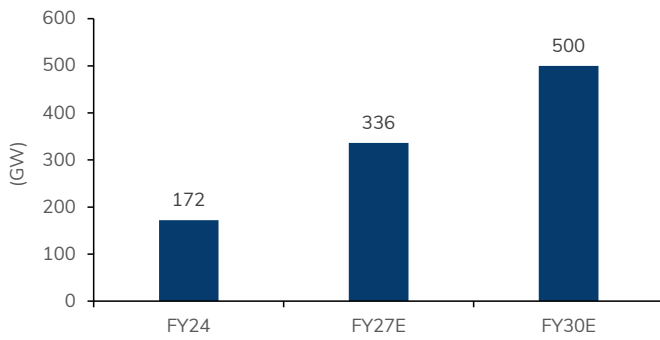
As discussed, current renewable capacity stands at 172 GW (as of May 2024) and the target by government is to reach 500 GW by 2030. Total outlay for achieving target of 500 GW is estimated at ₹ 24.5 lakh crore in FY25-30E. IREDA, being engaged in focussed lending in renewable energy and value chain seems to benefit from incremental business opportunity. Considering expected outlay of ₹24.5 lakh crore for increasing renewable capacity to targeted 500 GW, investment per GW is derived at ~₹6,0000 crore. Assuming debt financing at ~70%, total financing needs is estimated at ~₹17 lakh crore. Considering market share at ~29% in incremental financing, disbursement in FY25-30E is estimated at ~₹5 lakh crore and AUM at ₹3.5 lakh crore (factoring repayments). The company has also provided the guidance of reaching ₹ 3.5 trillion in total loan AUM by 2030.

Market share in renewable financing



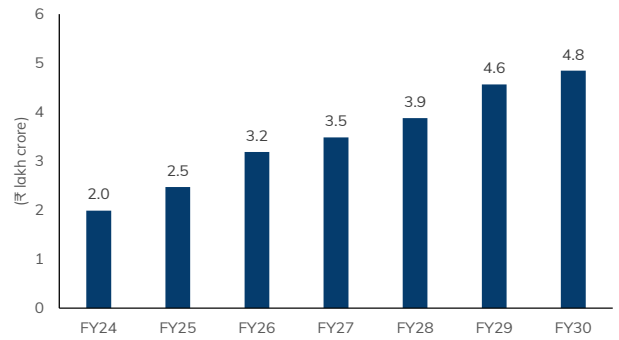
Source: Company, ICICI Direct Research (Note: Data as on September, 2023)

Exhibit 7: Targeted RE capacity (FY24-30E)



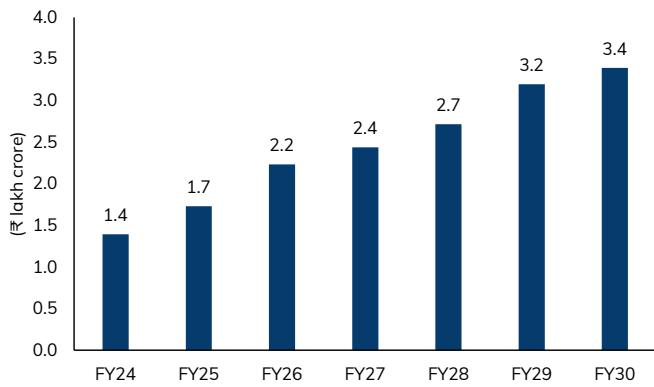
Source: Company, ICICI Direct Research

Exhibit 8: Outlay to install RE capacity



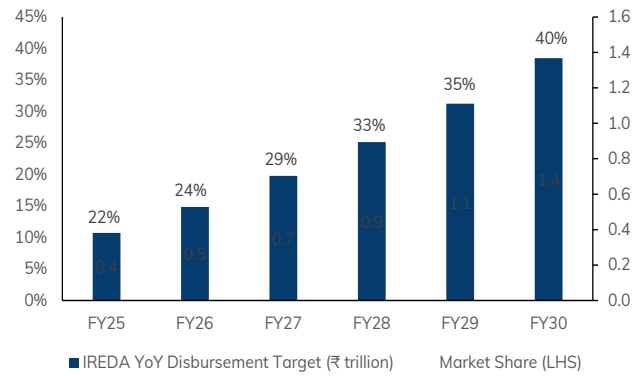
Source: Company, ICICI Direct Research

Exhibit 9: Expected debt funding



Source: Company, ICICI Direct Research

Exhibit 10: Expected outlay from IREDA and market share



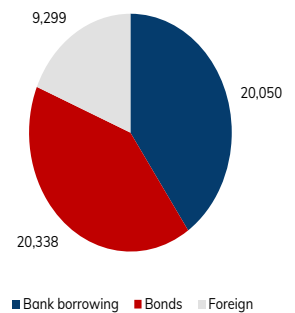
Source: Company, ICICI Direct Research

Capability to borrow at competitive rate remains an advantage

Being non-deposit taking NBFC, IREDA has been relying on domestic as well foreign markets for borrowing. Major proportion of the funds are sourced from domestic avenues (banks borrowing and bonds) which constitutes ~81% of overall borrowing as of March 2024. Within domestic borrowings, the mix is equally split between bank borrowings and bonds.

With GoI stake at 75%, IREDA has been assigned highest “AAA” rating by rating agencies (Acuite, ICRA and India Ratings) which enables long term borrowings at competitive cost, thereby supporting margins. Given relatively higher proportion of floating rate loans at 94.3% and 62% of borrowing at fixed rate, declining rate cycle could impact some pressure on margins. However, consistent growth in AUM and highest credit rating is seen to aid NII performance which is expected to grow at 26% CAGR in FY24-26E. Resultantly, margins are expected to remain at 2.5-2.7% ahead.

Borrowing profile of IREDA



Source: Company, ICICI Direct Research

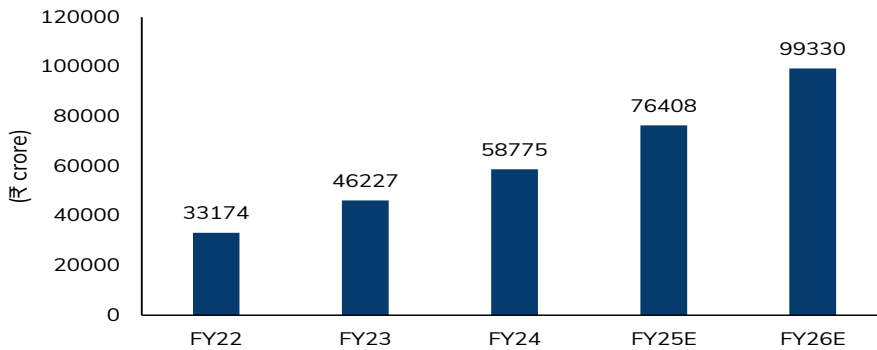
Operating leverage to aid profitability with business growth

Given the focus of government on renewable energy and IREDA focus on financing the value chain related to the sector, business growth is expected to remain healthy ahead. Continued healthy growth in AUM (expected at ~30% CAGR in FY25-26E) is expected to aid profitability owing to benefit of operating leverage. Though, margins are anticipated to remain under pressure in the near term, benefit on opex and steady credit cost is seen to keep profitability run rate at ~20% CAGR ahead. Return on asset is expected to witness marginal pressure in near term, only to revive back at 1.9-2% ahead.

Key Financial Summary

IREDA has reported healthy growth in AUM at ~30% CAGR in FY21-24 with loan book at ₹ 58,775 crore. With government's focus on renewable sector amid plan to increase dependence on renewable energy, we expect IREDA to maintain its loan growth at ~30% CAGR over FY24-26E (AUM at ₹ 99,330 crore by FY26E). Management has proposed roadmap to target AUM of ~₹3.5 lakh crore by FY30E to attain Maharatna status, subject to guidelines and approvals.

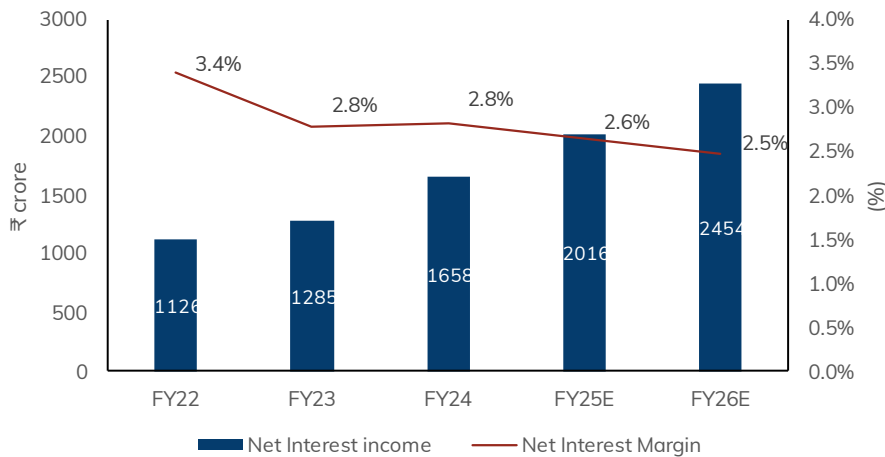
Exhibit 11: Advances trend (₹ crore)



Source: Company, ICICI Direct Research

Amid "AAA" rating and foreign borrowing, cost of borrowing remains competitive. Margins are expected to witness marginal decline of ~10-15 bps ahead amid faster repricing of asset book owing to higher proportion of floating rate book. However, consistent growth in AUM is seen to aid NII performance which is expected to grow at 26% CAGR in FY24-26E. Resultantly, margins are expected to remain at 2.5-2.7% ahead

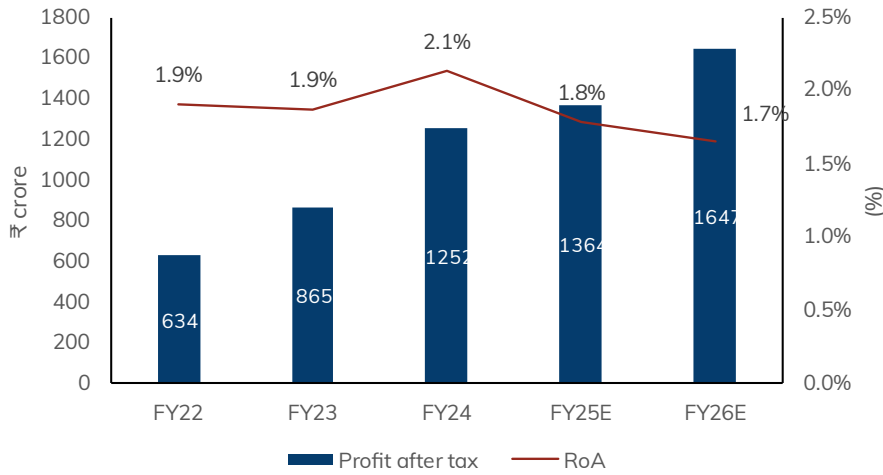
Exhibit 12: NII and NIM trajectory



Source: Company, ICICI Direct Research

Operating leverage, amid consistent business growth, is expected to aid earnings while credit cost (which was at -10 bps in FY24) is expected to normalise at ~10-20 bps in FY25-26E. Sustained business growth coupled with steady operational performance is seen to aid ~20% CAGR in earnings in FY25-26E while RoA is expected at 1.8-2%.

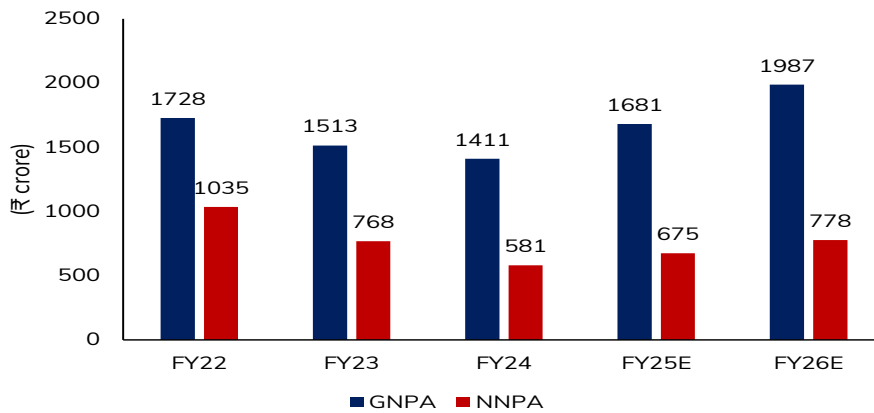
Exhibit 13: PAT and RoA



Source: Company, ICICI Direct Research

Asset quality has witnessed consistent improvement with improvement in GNPA from 5.2% in FY22 to 2.4% in FY24. Provision coverage has increased from 40% in FY22 to 58.8% in FY24. While loan book remains unseasoned, expect government’s focus towards renewable sector and recovery efforts to aid further improvement in GNPA at ~2% in FY26E.

Exhibit 14: Asset quality – GNPA & NNPA



Source: Company, ICICI Direct Research

Valuation

- Given story of sustainable growth amid opportunity in renewable sector, long term business growth should remain in focus instead of focussing on 1-2 year forward performance. Given government's focus on increasing capacity of renewable energy and relative smaller balance size of IREDA, we remain positive on business growth prospects from long term perspective, thereby aiding AUM. Expect AUM growth to sustain at ~30% CAGR in FY25-26E coupled with steady RoA at 1.8-2%. Thus, we assign a Buy rating on the stock with a target price of ₹250 (~5.6x FY26E BV), valuing the business on DCF basis assuming discounting rate at 12% and terminal growth at ~6.5%.
- We have valued IREDA at a premium compared to peers, owing to IREDA's relative smaller size which could result in sustained healthy business growth amid company's prominent focus on green technology and government's focus on building incremental capacity of renewable sources and improve energy efficiency.

Exhibit 15: Comparative analysis (₹ crore)

	AUM (₹ crore)	NIM (%)	GNPA (%)	NNPA (%)	ROA (%)
IREDA	59,698	2.9%	2.4%	1.0%	2.1%
PFC	4,81,462	3.5%	3.0%	0.9%	3.0%
REC	5,09,371	3.6%	2.7%	0.9%	2.8%

Source: ICICI Direct Research, Bloomberg

Exhibit 16: Comparative analysis

crore	Advances			Net Interest Margin			GNPA			NNPA		
	FY2022	FY2023	FY2024	FY2022	FY2023	FY2024	FY2022	FY2023	FY2024	FY2022	FY2023	FY2024
IREDA	33,174	46,227	58,775	3.4%	2.8%	2.8%	5.2%	3.2%	2.4%	3.1%	1.7%	1.0%
PFC	3,73,135	4,22,498	4,81,462	3.8%	3.3%	3.5%	5.0%	3.7%	3.0%	1.7%	1.1%	0.9%
REC	3,85,371	4,35,012	5,09,371	4.0%	3.4%	3.6%	4.5%	3.4%	2.7%	1.5%	1.0%	0.9%

Source: ICICI Direct Research, Bloomberg

Risk and Concerns

Higher proportion of floating rate lending could impact margins

While volatility in interest rate could impact net interest margin which may have an impact on the profitability, the company have managed to gradually improve margins in last fiscals. Given relatively higher proportion of floating rate loans at 94.3% and 62% of borrowing at fixed rate, declining rate cycle could impact some pressure on margins. Though, highest credit rating at "AAA" and foreign borrowing enables funding at competitive rate, repricing of loans could result in increase in risk profile of the asset book

Adverse change in regulation remain a risk

IREDA has significant exposure to renewable sector in 23 states and 5 union territories, driven by government policies focussing on incremental addition in renewable capacity. Thus, any material economic downturn or any other adverse developments, such as political unrest or a significant change in policy could adversely affect business growth or repayment capacity of borrower thereby impacting company's performance

Unseasoned book remains watchful for any asset quality concerns

IREDA has started operations in 1987, however, disbursement and AUM growth gathered pace from 2021 resulting in ~30% CAGR growth in FY21-24. Thus, the book remains unseasoned with ~82% of loans, disbursed after 2021, still to witness full repayment cycle. Thus, certainty on sustainable basis on asset quality needs to be ascertained and remains watchful

Concentration risk regrading geographical & borrower exposure remains a risk

Concentration in terms of sectoral and geographical exposure remains a risk. With more than 50% of loan portfolio concentrated in 6 states, natural calamity, political uncertainty in specific regions increases vulnerability. In addition, 75% of exposure is to private players primarily engaged in renewable energy sector (including players across value chain) poses concentration risk which could impact performance in case of any adversity.

Financial Summary

Exhibit 17: Profit and loss statement ₹ crore

(Year-end March)	FY23	FY24	FY25E	FY26E
Interest Earned	3,374	4,822	6,197	7,954
Interest Expended	2,088	3,164	4,098	5,293
Net Interest Income	1,285	1,658	2,099	2,661
% growth	14.2	29.0	26.6	26.8
Non Interest Income	109	143	186	239
Net Income	1,395	1,801	2,284	2,901
Total operating expense	189	183	229	298
PPoP	1,206	1,618	2,055	2,603
Provisions	67	(67)	76	199
PBT	1,139	1,685	1,979	2,404
Taxes	275	433	495	601
Net Profit	865	1,252	1,484	1,803
% growth	36.5	44.8	18.5	21.5

Source: Company, ICICI Direct Research

Exhibit 18: Key Ratios

(Year-end March)	FY23	FY24	FY25E	FY26E
Valuation				
No. of Equity Shares	228.5	268.8	268.8	268.8
EPS (₹)	3.8	4.7	5.5	6.7
BV (₹)	26.0	31.8	37.4	44.1
ABV (₹)	22.6	29.7	34.9	41.2
P/E	48.9	39.7	33.5	27.6
P/BV	7.1	5.8	5.0	4.2
P/adj.BV	8.2	6.2	5.3	4.5
Yield on AUM	7.3%	8.2%	8.1%	8.0%
Cost of funds	5.2%	6.4%	6.2%	6.0%
Net Interest Margins	2.8%	2.8%	2.7%	2.7%
Spreads	2.1%	1.8%	1.9%	2.0%
Quality and Efficiency				
Cost / Total net income	13.5%	10.2%	10.0%	10.3%
GNPA%	3.2%	2.4%	2.2%	2.0%
NNPA%	1.7%	1.0%	0.9%	0.8%
RoE (%)	14.6%	14.6%	14.8%	15.2%
RoA (%)	1.9%	2.1%	1.9%	1.8%

Source: Company, ICICI Direct Research

Exhibit 19: Balance Sheet ₹ crore

(Year-end March)	FY23	FY24	FY25E	FY26E
Sources of Funds				
Capital	2,285	2,688	2,688	2,688
Reserves and Surplus	3,651	5,872	7,356	9,159
Networth	5,935	8,560	10,044	11,847
Borrowings	40,165	49,687	66,441	88,687
Other Liabilities & Provisi	4,356	4,368	4,173	3,503
Total	50,456	62,615	80,658	1,04,038
Applications of Funds				
Investments	99	99	99	99
Advances	46,227	58,775	76,408	99,330
Other Assets	4,130	3,740	4,151	4,609
Total	50,456	62,615	80,658	1,04,038

Source: Company, ICICI Direct Research

Exhibit 20: Growth ratios (%)

(Year-end March)	FY23	FY24	FY25E	FY26E
Total assets	37.4%	24.1%	28.8%	29.0%
Advances	39.3%	27.1%	30.0%	30.0%
Borrowings	45.5%	23.7%	33.7%	33.5%
Net income	8.4%	29.2%	26.8%	27.0%
Net interest income	14.2%	29.0%	26.6%	26.8%
Total operating expense	-30.9%	-3.0%	25.1%	30.0%
PPoP	18.9%	34.2%	27.0%	26.6%
Net profit	36.5%	44.8%	18.5%	21.5%
Book value	12.7%	22.6%	17.3%	18.0%
EPS	36.5%	23.1%	18.5%	21.5%

Source: Company, ICICI Direct Research

RATING RATIONALE

ICICI Direct endeavours to provide objective opinions and recommendations. ICICI Direct assigns ratings to its stocks according -to their notional target price vs. current market price and then categorizes them as Buy, Hold, Reduce and Sell. The performance horizon is two years unless specified and the notional target price is defined as the analysts' valuation for a stock

Buy: >15%

Hold: -5% to 15%;

Reduce: -15% to -5%;

Sell: <-15%



Pankaj Pandey

Head – Research

pankaj.pandey@icicisecurities.com

ICICI Direct Research Desk,
ICICI Securities Limited,
Third Floor, Brillanto House,
Road No 13, MIDC,
Andheri (East)
Mumbai – 400 093
research@icicidirect.com

ANALYST CERTIFICATION

I/We, Vishal Narnolia MBA, Gaurav Singh, PGDM, Krishna Vyas (MMS) Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager and Research Analyst. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH00000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

Investments 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. None of the research recommendations promise or guarantee any assured, minimum or risk-free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Atul Agarwal
Contact number: 022-40701000 E-mail Address: complianceofficer@icicisecurities.com

For any queries or grievances: Mr. Prabodh Avadhoot Email address: headsservicequality@icicidirect.com Contact Number: 18601231122

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icicidirect.com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Retail Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Institutional Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

ICICI Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as a entity are engaged in various financial service businesses, they might have financial interests or actual/ beneficial ownership of one percent or more or other material conflict of interest various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

This report is not directed 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, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.