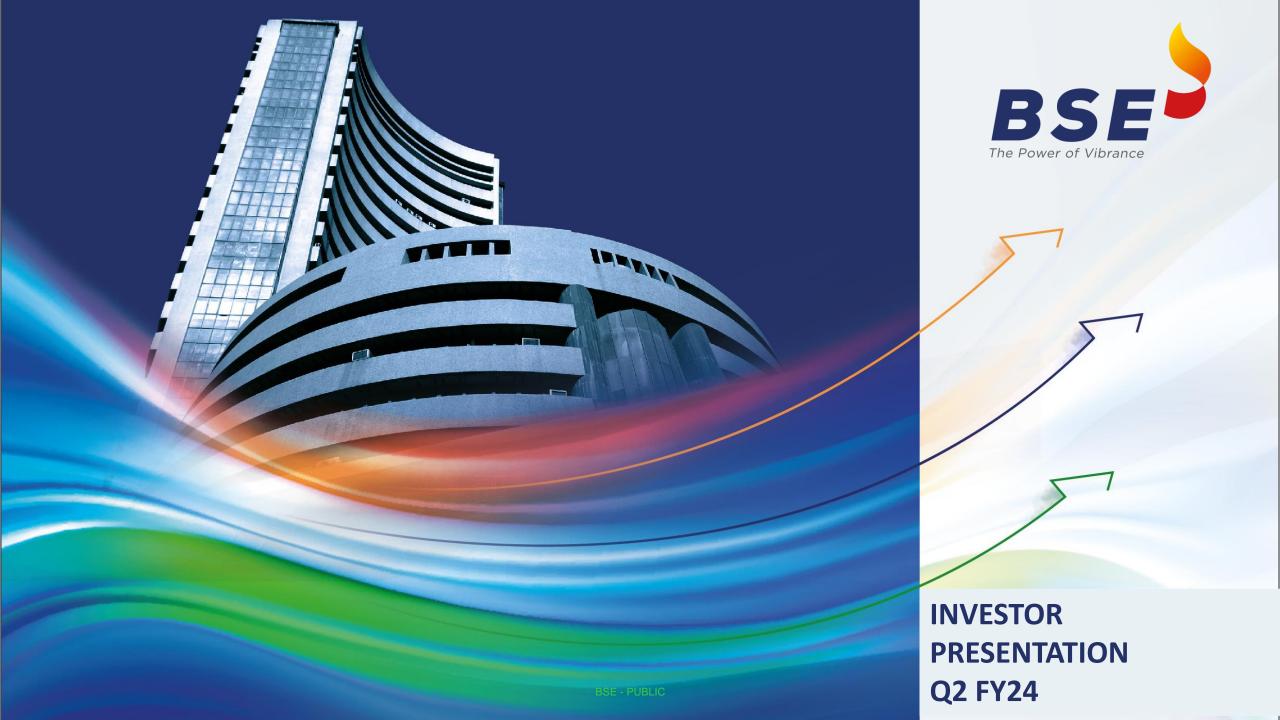


November 10, 2023

To, Listing Department National Stock Exchange of India Limited Exchange Plaza, 5th Floor, Plot No. C/1 G Block, Bandra-Kurla Complex, Bandra (E) Mumbai – 400 051

Symbol: BSE	ISIN: INE118H01025
Sub: Investor Presentation – Q2 FY24	
Dear Madam/Sir,	
With reference to above captioned subject, please find attached herewit – Q2 FY24.	th Investor Presentation
The same will also be available on the website of the Company at www.l	oseindia.com
This is for your information and record.	
Thanking you,	
Yours faithfully,	
For BSE Limited	

Vishal Bhat Company Secretary and Compliance Officer Encl: a/a



Disclaimer



This presentation and the discussion may contain certain words or phrases that are forward - looking statements, which are tentative, based on current expectations of the management of BSE Limited or any of its subsidiaries and associate companies ("BSE"). Actual results may vary significantly from the forward-looking statements contained in this presentations due to various risks and uncertainties. These risks and uncertainties include competitive landscape, stakeholders' preferences, effect of economic and political conditions in India and outside India, volatility in interest rates and in the securities market, new regulations and Government policies that may impact the businesses of BSE as well as the ability to implement its strategy.

The information contained herein is as of the date referenced and BSE does not undertake any obligation to update these statements. BSE has obtained all market data and other information from sources believed to be reliable or are its internal estimates, although its accuracy or completeness cannot be guaranteed. Competition numbers are based on published results and management analysis. For the purpose of comparison, following stock exchanges are considered – National Stock Exchange of India Limited, Metropolitan Stock Exchange of India Limited, NSE IFSC Limited, Indian Commodity Exchange Limited, Multi Commodity Exchange of India Ltd and MF Utilities India Pvt Ltd. The presentation relating to financial performance herein is reclassified/regrouped based on Management estimates and may not directly correspond to published data. The numbers have also been rounded off in the interest of easier understanding. Prior period figures have been regrouped/reclassified wherever necessary. All information in this presentation has been prepared solely by the company and has not been independently verified by anyone else.

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Board of Directors



Na	ame	Bio	N	ame	Bio
Ser V	Shri S. S. Mundra	■Former Deputy Governor, Reserve Bank of India	ng Director of Bank Managing Director & CEO		■Diverse experience of 38+ years in Indian financial and banking system
	Chairman & Public Interest	■Former Chairman & Managing Director of Bank of Baroda		Managing Director & CEO	■Prior to joining BSE, he was the MD & COO in Indian arm of Bank of America
	On BSE Board since 2018	ector BSE Board	Took charge in Jan 2023	■Senior member of NSE since its inception, where he was responsible for significant transformation of the Indian capital markets for over 20 years	
	Shri David	■Former General Secretary of IOSCO (2012-		Justice Shiavax Jal	
	Wright	2016), former Deputy Director-General for		Vazifdar	Retired Chief Justice of the Punjab & Haryana High
	Public Interest Director	Securities and Financial Markets at the EU Commission.		Public Interest Director	■Practiced as advocate in the Bombay High Court
	On BSE Board since 2018	■From March 2000 – October 2010 he was first Director, then Deputy Director-General for securities and financial markets		On BSE Board since 2022	■Appointed Additional Judge of High Court in 2001

Board of Directors



					The Power of Vibrance
Na	ame	Bio	N	ame	Bio
	Shri Umakant Jayaram	■28 years Cross functional experience in Global Investment Banking, Finance Planning &		Prof. Subhasis Chaudhuri	■Director of IIT Bombay and K.N. Bajaj Chair Professor, Dept. of Electrical Engineering
	Public Interest Director	Analysis, Risk Consulting / Business transformation		Public Interest Director	 He has 110 journal publications and over 240 conference presentations, has authored 7 monographs and 13 National/International
	On BSE Board since 2019			On BSE Board since 2022	Patents
	Sushri Jayshree Vyas	Managing Director, Shree Mahila Sewa Sahakari Bank, Ahmedabad		Dr. Padmini Srinivasan Public Interest	■ Faculty in the Finance and Accounting Area at the Indian Institute of Management, Bangalore (IIMB)
	Public Interest Director	■In the year 2001, financial literacy programme was introduced in Sewa Bank, first of its kind in India — at initiative of Ms. Jayshree Vyas		Director On BSE Board since	■ Chairperson Centre for Corporate Governance and Citizenship.
	On BSE Board since 2019	in maia – at initiative of livis. Jaysinee vyas		2023	■PhD from the National Law School of India, Fellow member of the ICAI, and an Associate Member of the ICSI
	Shri T. C. Suseel Kumar	■Former Managing Director of Life Insurance Corporation of India since March 2019			
	Shareholder's Director	■Played a key role in redefining the business proposition of the Corporation that earned the LIC 'Best Life Insurer Award' by many leading			
	On BSE Board since 2020	agencies during the year 19-20			

Management Team



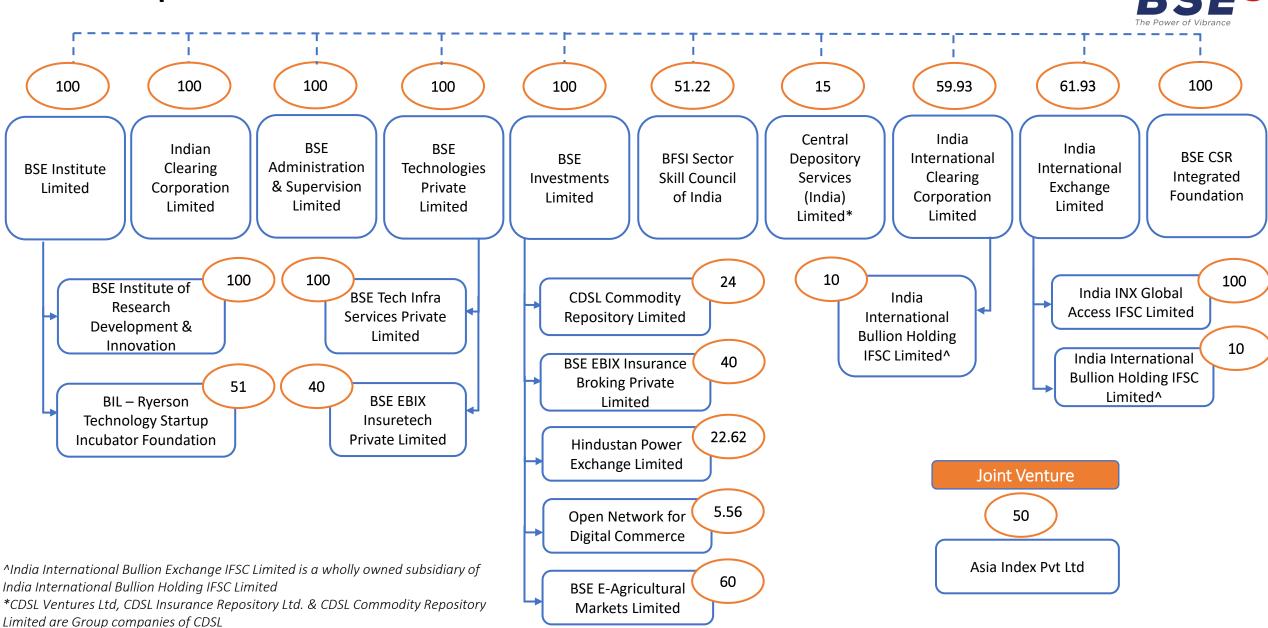
					The Power of Vibrance
N	ame	Bio	Na	ame	Bio
	Shri Sameer Patil Chief Business Officer With BSE since 2015	 Instrumental in setting up and responsible for Business Development of INDIA INX at GIFT CITY IFSC More than 2 decades of experience in capital market segments such as Commodities, Currency, Indices etc. Experienced in Trading & Hedging Strategies, Product Design and Business Development Associated with MCX during inception for more than a decade as Senior Vice President 		Shri Deepak Goel Chief Financial Officer With BSE since 2023	 Qualified Chartered Accountant, with experience of over two decades Earlier worked as CFO & Compliance Officer of Kotak Mahindra Investments and handled varied roles with Kotak Bank group. Also worked in other organizations like Edelweiss, Bharti Airtel, GE-SBI Cards JV and AF Ferguson & Co.
	Shri Girish Joshi Chief Trading Operations and Listing Sales With BSE since 2010	 Worked with ICICI Bank Group for a decade in various areas like ICICIDirect.com, Treasury Mid Office, Regulatory Reporting and Monitoring at CFO office One of the earliest core team members involved in the set-up of NSE During 7 years at NSE he worked in Wholesale Debt Market and post trade functions 		Smt Kamala K Chief Regulatory Officer With BSE since 2023	 Three decades of wide experience with Market Intermediaries in areas including risk, operations, compliance, regulations and governance Prior to joining BSE, she was Dy. COO at Edelweiss Financial Services. She has also worked with NSE, IL&FS investmart among others etc.
	Shri Subhash Kelkar Chief Information Officer With BSE since 2023	 Worked with ICICI Securities, CMS, IIFL & Club Mahindra prior to joining BSE. More than 3 decades of extensive technology and service industry in various strategic and leadership roles. Expert in creating and implementing Tech Strategy, website/mobile applications design & development, data 		Shri Khushro Bulsara Chief Risk Officer With BSE since 1996	 Experience of over three decades, has worked in several departments of the Exchange such as Surveillance, Inspection, Clearing & Settlement, Debt, Derivatives, Mutual Fund business and Listing Compliance. Responsible for setting up the Exchange's popular Mutual Fund platform called StAR MF in 2009 He also heads the Investors Protection Fund of BSE

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analytics, infrastructure & cloud migrations as also

cybersecurity.

BSE Group



Holding as on Sept 30, 2023

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BSE at a Glance





Market Capitalization of BSE Listed Companies

USD 3.89 trillion



Registered Investors

147 million+



Equity Cash ADTV (Q2 FY24)

Rs. 59,222 million



EQD - Highest Single Day Turnover

Rs. 129 trillion



EQD – Total Contracts Traded (H1FY24)

1.32 billion



EQD – ADTV (Sept-23)

Rs. 26.4 trillion



Mutual Funds Registered

40



Mutual Funds Transactions (H1 FY24)

179.46 million



Cities covered

739



Mutual Fund Distributors

75,695



Funds Mobilized (H1 FY24)

Rs. 7.85 Trillion



Insurance Premium (H1 FY24)

Rs. 294 million



Members Registered

1,295



Consolidated EPS – H1 FY24

Rs. 14.24



Cons. Net Worth – H1 FY24

Rs. 31,005 million



Cons. Revenue – H1 FY24

Rs. 6,382 million



Cons. EBITDA – H1 FY24

Rs. 3,199 million



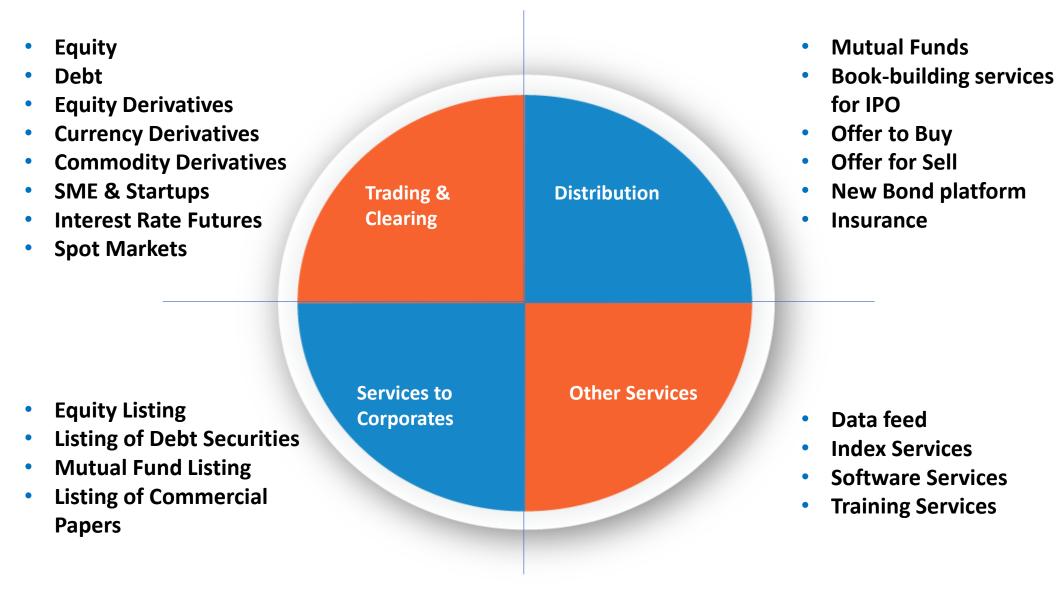
Cons. Net Margin – H1 FY24

30%

Note: EQD = Equity Derivatives | Market data as of Sept 30, 2023

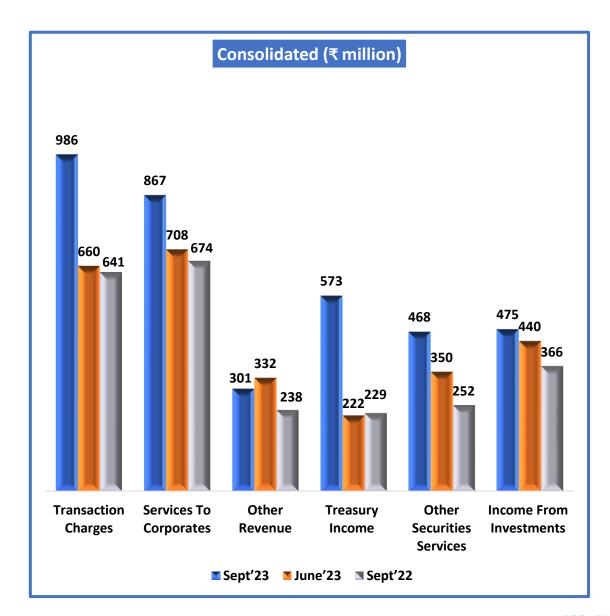
Diversified Lines of Business...

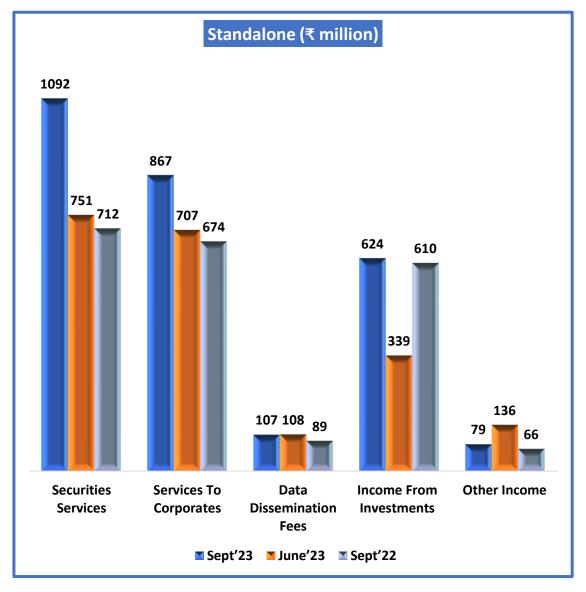




.. Reflected in Revenue Stream







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Product Differentiation at BSE



Equity

1 paise tick for stocks < ₹100

Over 700+ scrips available at 1 paise tick size

Available only at BSE

Tighter Bid-Ask Spreads

Buy and sell at better prices & reduce impact cost

Hedge risks with Sensex and Bankex

Competitive transaction charges

Equity Derivatives

Hedge using **SENSEX** & **BANKEX**

Lower lot size for S&P BSE Sensex & S&P BSE Bankex Unique Friday/Monday Expiry as compared to traditional Thursday

10 Paise Strike Intervals available only at BSE

Introduction of 10 paise strike intervals

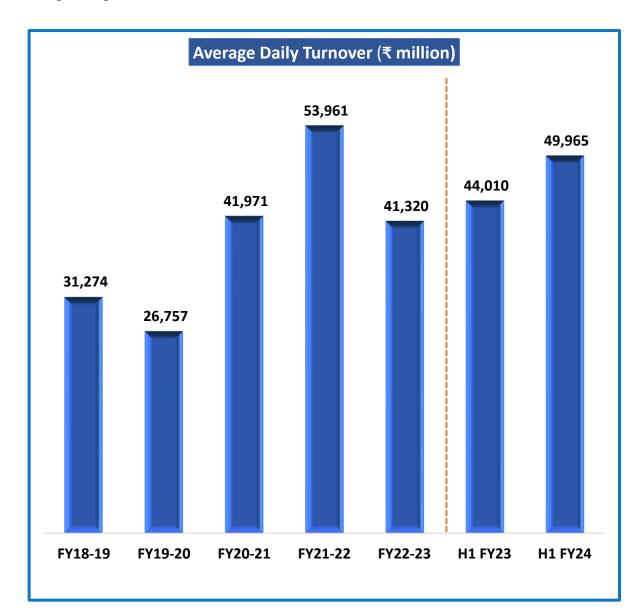
Additional Strike Intervals of 10 Paise for USDINR Contracts 61 CE & 61 PE contracts for trade Reduced strike price increases flexibility for investors

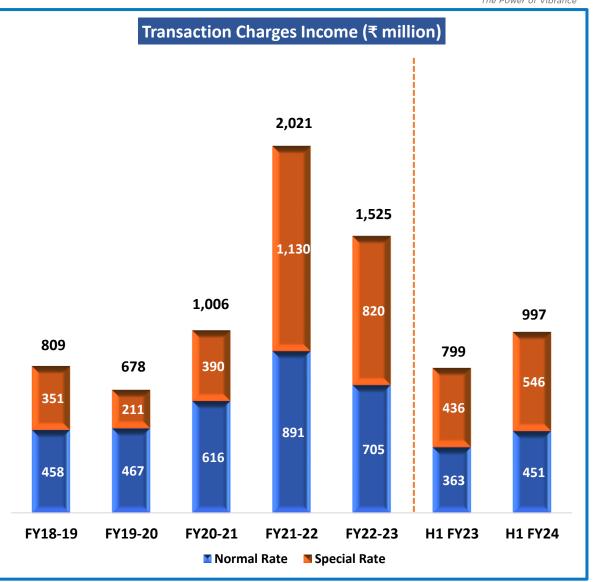
> **BSE - PUBLIC** 12

Currency Derivatives

Equity Cash - Performance

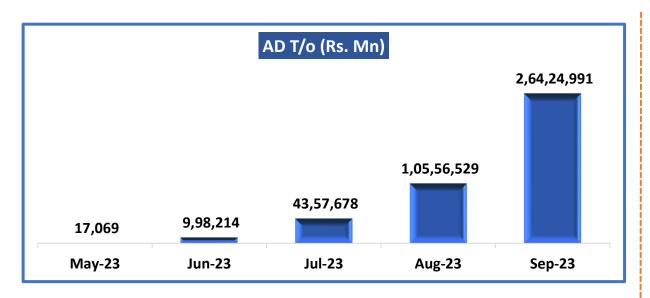


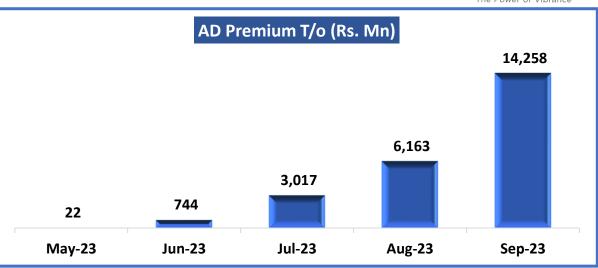


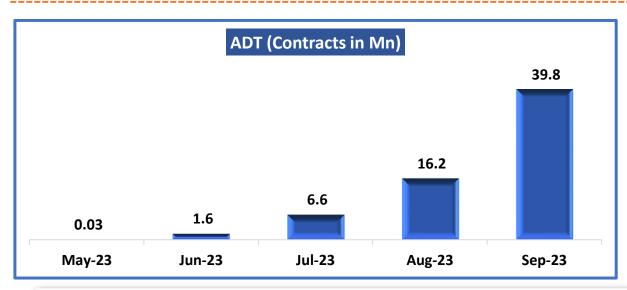


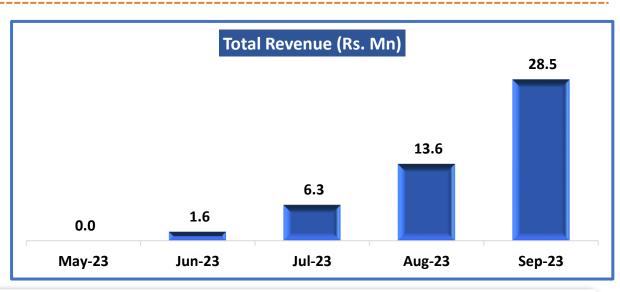
Equity Derivatives – Performance







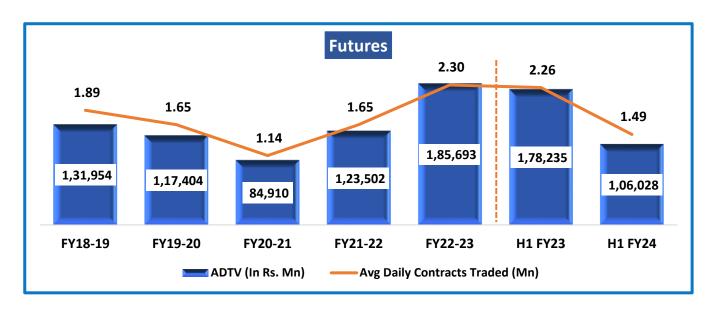


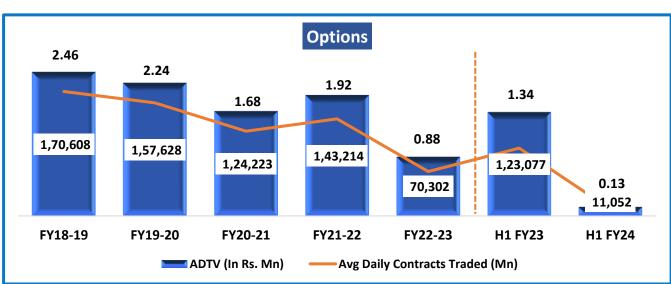


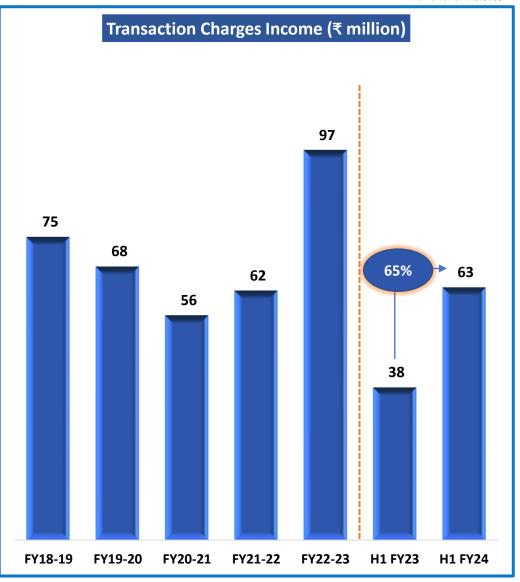
BSE was charging a nominal flat fee of Rs 500/crore of Premium Turnover, however w.e.f 1st Nov 23, BSE has moved to slab based structure

Currency Derivatives – Performance



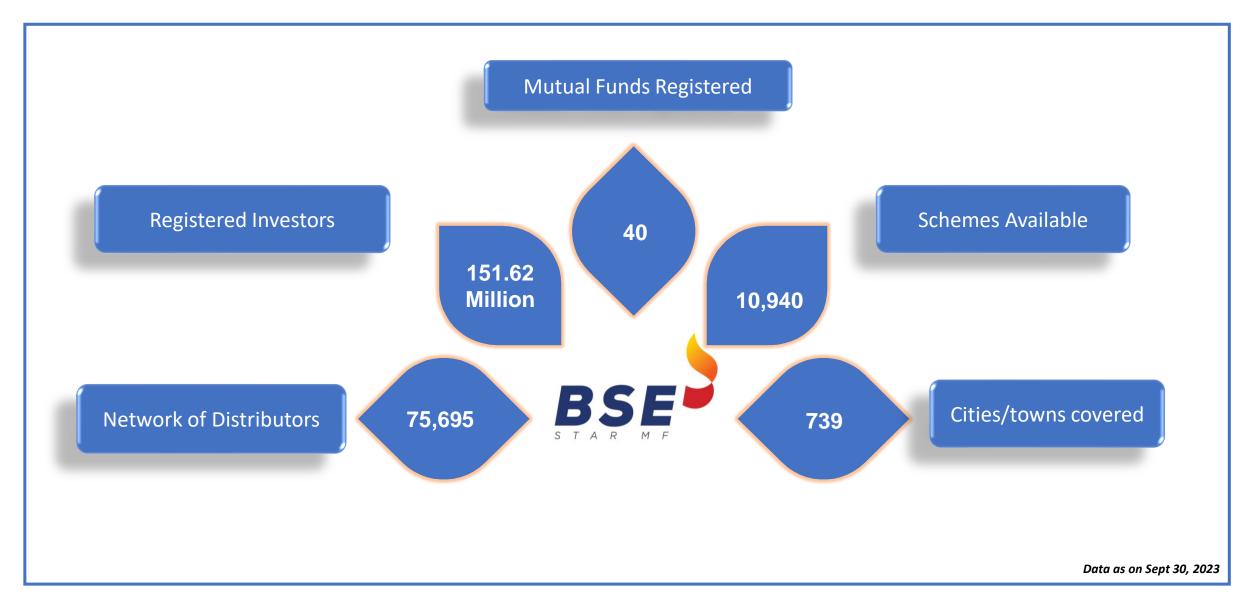






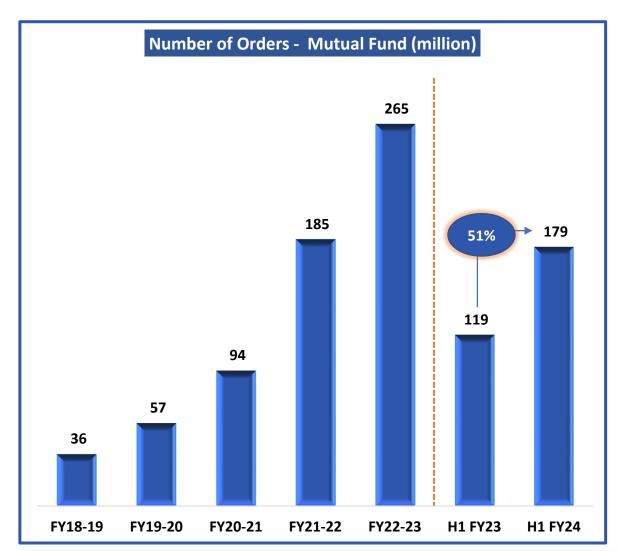
BSE StAR Mutual Fund Platform – Pan-India Reach & Coverage

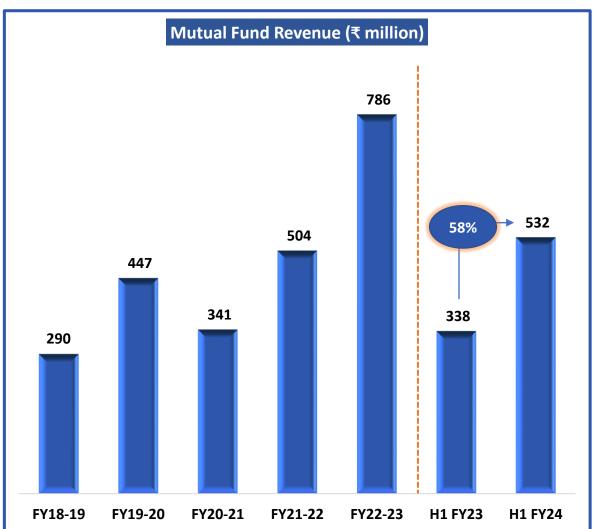




BSE StAR Mutual Fund Platform – Performance



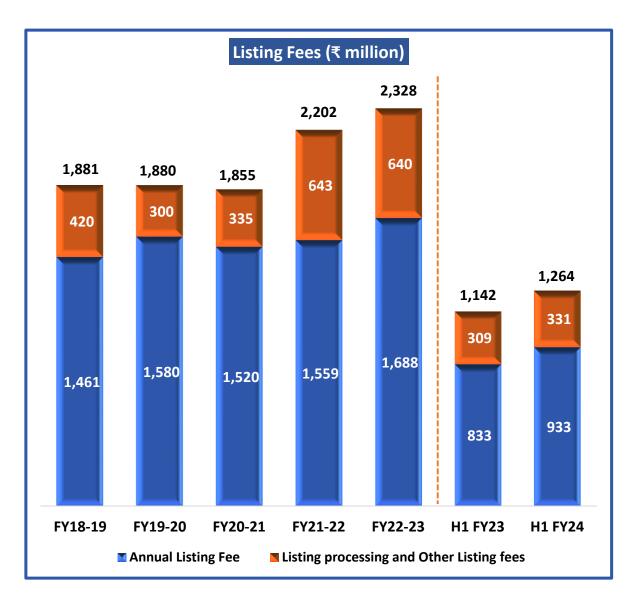


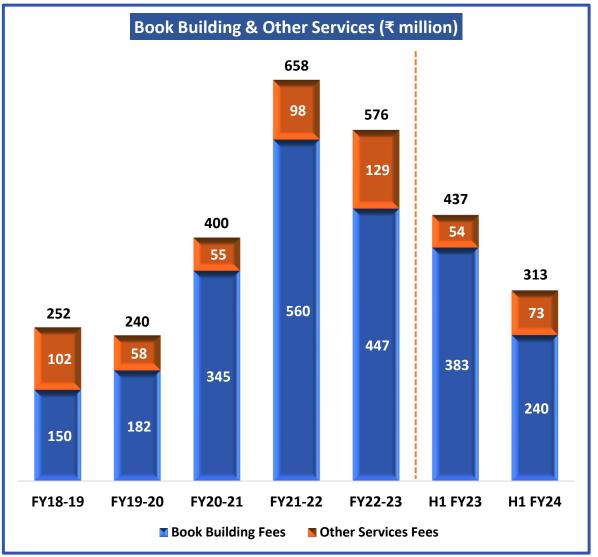


Number of order received has grown by 51% & Revenue has grown by 58% in H1 FY24 as compared to H1 FY23

Services to Corporates - Performance







Currency Derivatives

BSE @ International Financial Hub



INDIA INX

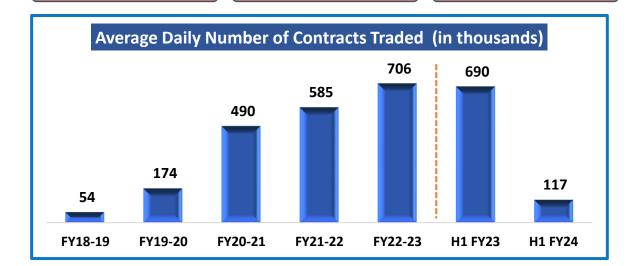
A well-diversified portfolio of financial services and products to compete internationally

Equity Index Derivatives Debt Corporate Bonds

Equity Stock Derivatives Foreign Currency Bonds Sovereign Bonds

Commodity Derivatives Masala Bonds Colocation Services

Sustainable Bonds



INDIA INX – Global Access

Access to 135+ global exchanges and products across the US, Asia-Pacific and Europe, via a single integrated terminal

100 % subsidiary of India INX, a subsidiary of BSE Ltd

Invest in more than 30,000 stocks across 33 countries and more than 80 global portfolios of renowned international portfolio managers with a minimum of \$100

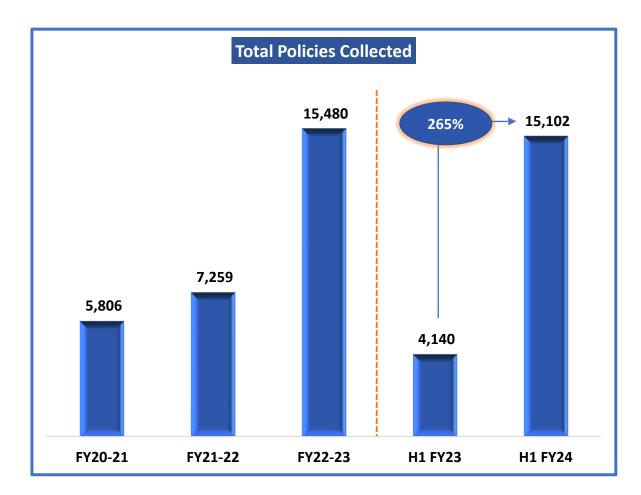
Month	Companies Traded	Number of Trades	Value (\$ '000)
Apr-23	271	6,582	4,84,167
May-23	262	7,233	3,06,302
Jun-23	386	3,067	1,52,063
Jul-23	393	7,337	2,13,278
Aug-23	436	6,696	57,755
Sep-23	419	8,214	33,730

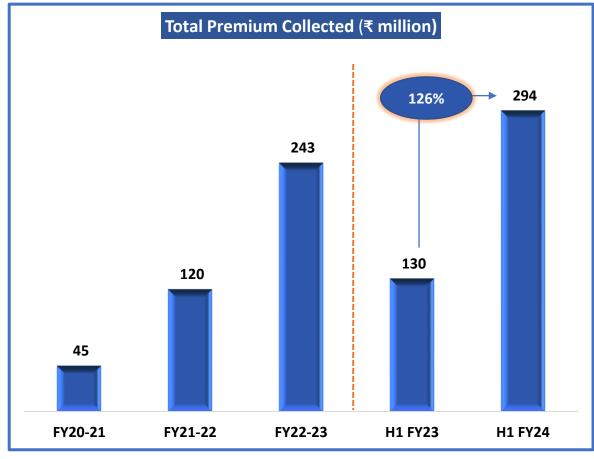
India INX, BSE's international arm, commenced its trading activities on January 16,2017 and is India's first International Exchange set up at GIFT IFSC It is one of the world's most advanced technology platforms with a response time of 4 micro-seconds and allows trading for 22 hours a day

Real Time Data

BSE Ebix Insurance Broking







Premium collected has grown by 126% in H1FY24 as compared to H1FY23

Present in all key Insurance verticals – Motor, Health, Life & Commercial

Note: the charts above excludes the COVID Rakshak Policy issued

BSE E- Agricultural Markets Limited (BEAM) – Introduction



Launched **BSE E-Agricultural** Markets Ltd. (BEAM), an electronic spot platform for agriculture commodities on December 11, 2020

Products include:

Cereals and Pulses, Oil Oilseeds, Fibres, Sugar, Dry fruits, Spices and Condiments, Dairy and **Dairy products**



MoUs and Agreements with Government and Government Producer enterprises, Farmer Organizations, Corporate having interest in Commodities, Farmers and FPOs

Has enrolled 1,540 members, and executed Trades worth ₹316 crores in agri and steel segments in H1 **FY24**

Global Rankings



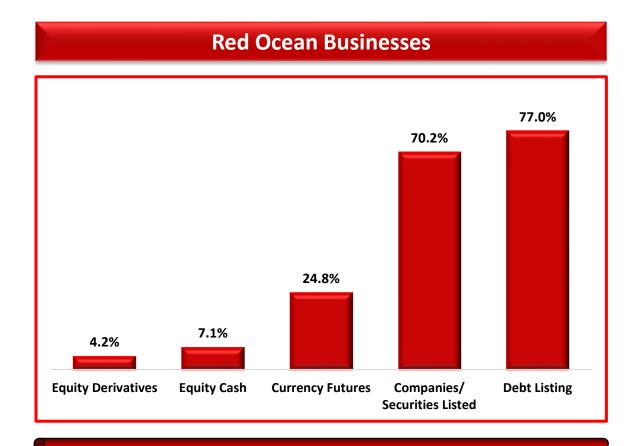


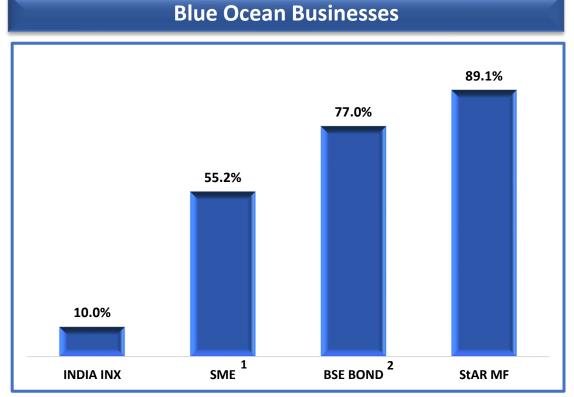
Data for the month of Sept 2023

Source: BSE/WFE

Market Share







Established leader in Listing related Business

Market leadership in Blue Ocean Businesses

All Market share for Q2 FY24

¹ Market share in SME Segment represents number of companies listed in SME segment as on Sept 30, 2023

² Market share in BSE Bond & Debt listing (PPDI) is based on the number of issues

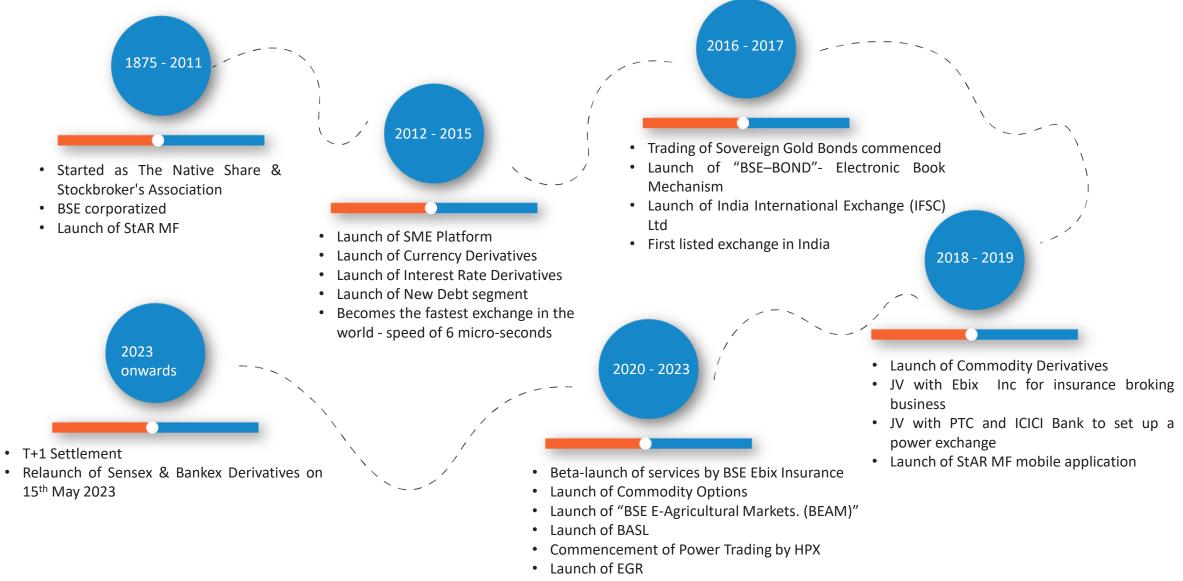
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Key Milestones – The transformation over time





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Key Growth Drivers – Existing Business



Trading Segments

- Focussed to increase market-share across all segments
- Market is growing vastly in terms of number of registered investors and turnover
- Increasing disposable household incomes and preference for financial savings – an advantage
- Focus on innovation and launch of unique products across segments

Mutual Fund

- Savings in cost and convenience
- Strong network of intermediaries
- Good network connectivity across country
- Increasing household incomes and financial savings
- StAR MF Plus a premium platform for distributors and advisors
- Supports Demat & Non-Demat transactions
- Purchase/Redeem/SIP/Switch Mutual Funds without filling lengthy forms

Platform Services

- Expansion of services from current eplatforms like book-building for IPO, Offer to Buy, Offer for Sell, New Bond platform, etc.
- Leadership position in Fund-raising for India Inc. across all segments including Equity, Bonds, Commercial papers etc.







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Integrated Business Model



Multiple contact points with members and market participants provides the ability to generate revenue from multiple levels of the business

,				rides the ability to generate revenue from main	
	Primary	Tra	ading	Clearing & Settlement	Distribution
	BSE The Power of Vibrance	The Power of	S E of Vibrance	Indian Clearing Corporation Limited Reliability builds relationships	BSE
1	Transaction Charges	To an extent linked to Market Activity	Linked to market a	activity levels and household savings and	d investments
2	Treasury Income on Clearing and Settlement Funds	Linked to Market Activity to an Extent	 Linked to interest in deposited by mem 	•	since that would lead to more margin being
3	Other Securities Services	Recurring	Primarily consists	of charges recovered from members for	r network connectivity
4	Services to Corporates	■ Recurring	Dependent on nur	om listing income that is not impacted be mber of listed entities and hence is a rec ase if amount charged is increased	
5	Data Dissemination Fees	■ Recurring	·	y due to level of subscriptions and revis	
6	Income From Investments and Deposits	Recurring	Linked to investment	ent yields	
7	Other Income	Recurring	Mostly derived fro	om rent and training institute etc., which	n are stable sources of income

Consolidated Profit & Loss



(₹ in million)

₹ in million)							
Sr. No.	Particulars Particulars	Sept'23	Jun'23	Sept'22	H1 FY	H1 FY	FY
31. 140.	- Tarticulars	Quarter	Quarter	Quarter	2023-24	2022-23	2022-23
1	Transaction Charges	986	660	641	1,647	1,179	2,412
2	Treasury Income on Clearing and Settlement Funds	573	222	229	795	416	832
3	Other Securities Services	468	350	252	817	501	1,112
4	Securities Services (1+2+3)	2,027	1,232	1,121	3,259	2,096	4,356
5	Services To Corporates	867	708	674	1,575	1387	2,904
6	Other Operating Income	251	216	183	467	363	895
7	Revenue From Operations (4+5+6)	3,145	2,156	1,977	5,301	3,846	8,155
8	Income From Investments and Deposits	475	440	366	915	426	1,093
9	Other Income	50	116	55	166	103	291
10	Total Income (7+8+9)	3,670	2,712	2,398	6,382	4,375	9,539
11	Employee Expenses	541	510	461	1,051	936	1,802
12	Technology Cost & Technology Program	355	349	336	704	636	1,239
13	Regulatory and Clearing Expenses	358	207	637	565	891	1,394
14	Admin, LES & Other Expenses	474	389	409	864	751	1,746
15	Total Operating Expenses (11+12+13+14)	1,728	1,455	1,843	3,184	3,214	6,181

Consolidated Profit & Loss (cont'd)



(₹ in million)

Sr. No.	Particulars Particulars	Sept'23	Jun'23	Sept'22	H1 FY	H1 FY	FY
31. 110.	Particulars	Quarter	Quarter	Quarter	2023-24	2022-23	2022-23
16	Operating EBITDA (7-15)	1,417	701	134	2,117	632	1,974
17	Operating EBITDA Margin (16/7 in %)	45%	33%	7%	40%	16%	24%
18	Non-operating Expenses	312	279	196	591	377	878
19	Profit Before Tax, Exceptional Items And Share Of Associates (10-15-18)	1,630	978	359	2,607	784	2,480
20	Exceptional Item — (net of tax of ₹ 391)	0	3,675	0	3,675	0	0
21	Share of profits From Associates	190	119	150	309	260	492
22	Tax Expenses (excluding tax on exceptional item)	636	371	215	1,006	350	916
23	Net Profit (19+20+21-22)	1,184	4,401	294	5,585	694	2,056
24	Net Profit excluding exceptional item (19+21-22)	1,184	726	294	1,910	694	2,056
25	Net Profit Margin (23/10 in %)	32%	162%	12%	88%	16%	22%
26	Net Profit Margin (excluding exceptional item) (24/10 in %)	32%	27%	12%	30%	16%	22%
27	Net Profit Attributable To Shareholders	1,205	4,427	338	5,632	779	2,207
28	Net Profit Attributable To Shareholders (Excluding exceptional item)	1,205	751	338	1,957	779	2,207

Standalone Profit & Loss

BSE The Power of Vibrance

(₹ in million)

Sr. No.	Particulars	Sept'23	Jun'23	Sept'22	H1 FY	H1 FY	FY
31. NO.	Particulars	Quarter	Quarter	Quarter	2023-24	2022-23	2022-23
1	Securities Services	1,092	751	712	1,843	1317	2,704
2	Services To Corporates	867	707	674	1,574	1387	2,904
3	Data Dissemination Fees	107	108	89	215	187	388
4	Revenue From Operations (1+2+3)	2,066	1,566	1,475	3,632	2,891	5,996
5	Income From Investments And Deposits	624	339	610	963	613	1,098
6	Other Income	80	136	66	215	126	330
7	Total Income (4+5+6)	2,770	2,041	2,151	4,811	3,630	7,424
8	Employee Expenses	295	260	242	555	496	928
9	Technology Cost & Technology Program	398	404	405	802	774	1,509
10	Regulatory and Clearing Expenses	560	332	392	891	690	1,191
11	Admin, LES & Other Expenses	195	187	226	382	421	930
12	Total Operating Expenses (8+9+10)	1,447	1,183	1,266	2,630	2,381	4,558

Standalone Profit & Loss (cont'd)

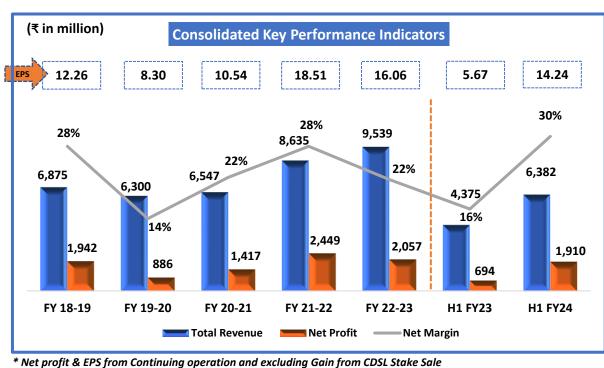


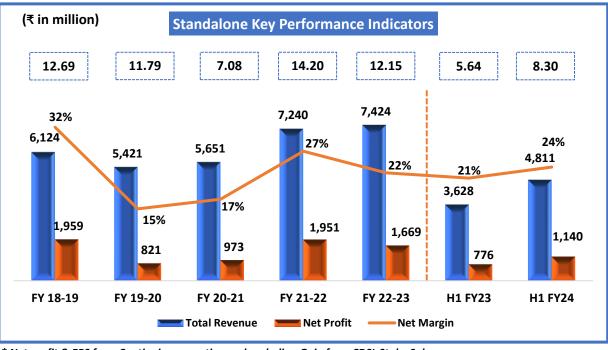
(₹ in million)

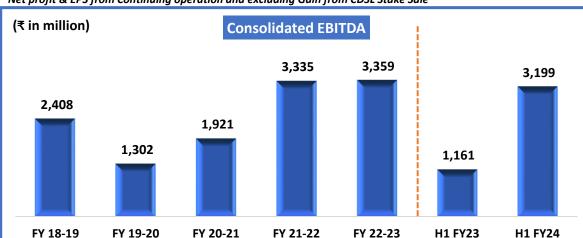
Sr. No.	. Particulars		Jun'23	Sept'22	H1 FY	H1 FY	FY
		Quarter	Quarter	Quarter	2023-24	2022-23	2022-23
12	Operating EBITDA (4-11)	619	383	209	1,002	510	1,438
13	Operating EBITDA Margin (12/4 in %)	30%	24%	14%	28%	18%	24%
14	Non-operating Expenses	176	166	98	342	185	490
15	Profit Before Exceptional Item and Tax (7-11-14)	1,147	692	787	1,839	1,066	2,376
16	Exceptional Item — (net of tax of ₹ 391)	0	4,651	0	4651	0	0
17	Tax Expenses (excluding tax on exceptional item)	428	271	225	699	288	707
18	Net Profit After Tax (15+16-17)	719	5,072	562	5,791	778	1,669
19	Net Profit After Tax excluding exceptional item (15-17)	719	421	562	1,140	778	1669
20	Net Profit Margin (18/7 in %)	26%	249%	26%	120%	21%	22%
21	Net Profit Margin excluding exceptional item (19/7 in %)	26%	21%	26%	24%	21%	22%

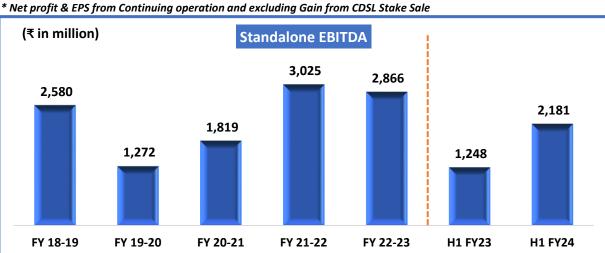
Financial Overview





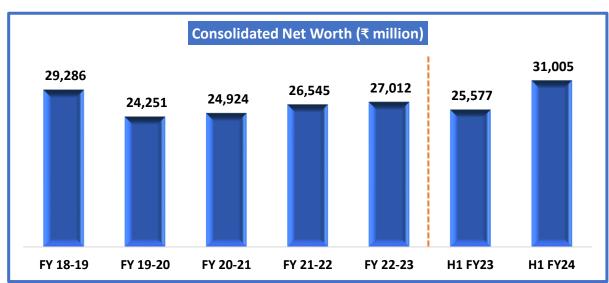


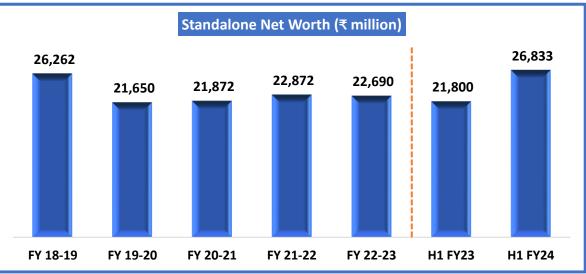




Financial Overview (cont'd)







	D	ividend p	er share [*]	' (₹) & Pa	y-out Rat	io#	
	93%	95%	97%	95%	99%	95%	99%
74%		36%					
	28%		30%		240/		
15%				17%	21%	13.5%	12%
2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
		Dividend F	er Share	— Divid	dend Payou	t Ratio	

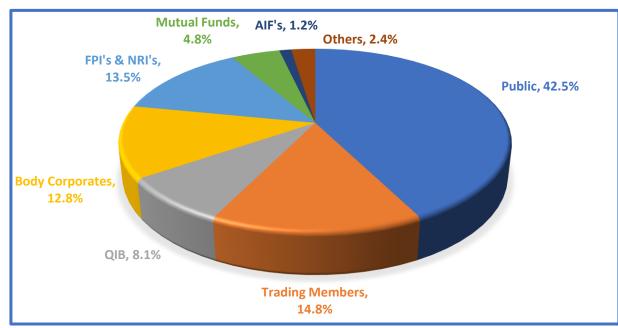
Financial Year	Dividend (Including DDT)# (₹ million)	Buyback (Incl transactions cost & Tax) <i>(₹ million)</i>	Total (₹ million)
2015-16	937	-	937
2016-17	765	-	765
2017-18	1,733	450	2,183
2018-19	2,255	1,230	3,485
2019-20	1,584	4,762	6,346
2020-21	779	-	779
2021-22	962	-	962
2022-23	1,851	<u>-</u>	1,851
2023-24	1,649	93	1,742
Total	12,515	6,535	19,050

[#]Dividend pay-out ratio is calculated based on Standalone Profit excluding gain on sale of strategic investment

^{*} Dividend paid on expanded capital post bonus of Rs 2 equity shares for every 1 share held, issued during the year FY 21-22

Shareholding Pattern





TOP 10 SHAREHOLDERS (As on Sept 30, 2023)	
LIFE INSURANCE CORPORATION OF INDIA	5.59%
ZERODHA BROKING	3.70%
SIDDHARTH BALACHANDRAN	3.46%
TATA AIA LIFE INSURANCE CO LTD-WHOLE LIFE MID CAP	1.99%
QUANT MUTUAL FUND - QUANT SMALL CAP FUND	1.85%
MUKUL MAHAVIR AGRAWAL	1.48%
S GOPALAKRISHNAN	1.18%
JUPITER INDIA FUND	0.91%
MSPL LIMITED	0.89%
VANGUARD EMERGING MARKETS	0.69%



MARKET DATA	
Market Capitalization* (₹ Mn)	175,824
Price* (₹)	1297.95
No. of Shares Outstanding	13,54,62,891
Face Value (₹)	2.00
Avg. Daily Trading Value# (₹ Mn)	2,739
Avg. Daily Trading Volume# (Mn shares)	2.91
52-week High-Low (₹)	1438 – 406

