

Buy



 BSE SENSEX
 S&P CNX

 37,556
 11,361

Motilal Oswal values your support in the Asiamoney Brokers Poll 2018 for India Research, Sales and Trading team. We <u>request your ballot</u>.



Bloomberg	BSE IN
Equity Shares (m)	55
M.Cap.(INRb)/(USDb)	44.3 / 0.6
52-Week Range (INR)	1100 / 726
1, 6, 12 Rel. Per (%)	-8/-10/-40
12M Avg Val (INR M)	146
Free float (%)	100.0

Financials & Valuations (INR b)

FY18	FY19E	FY20E
4.9	4.9	5.4
1.1	1.0	1.4
2.4	2.4	3.0
43.5	44.3	55.8
6.0	1.9	25.9
574	701	711
6.5	19.3	15.3
1.5	1.2	1.2
7.6	6.3	7.8
10.7	9.1	10.7
	4.9 1.1 2.4 43.5 6.0 574 6.5 1.5	4.9 4.9 1.1 1.0 2.4 2.4 43.5 44.3 6.0 1.9 574 701 6.5 19.3 1.5 1.2 7.6 6.3

Estimate change	
TP change	T T
Rating change	

CMP: INR822 TP: INR950 (+15%)

Subdued markets weigh upon earnings

Emergence of new revenue streams like MF platform is positive

- 1QFY19 results below expectations: BSE's 1QFY19 consol. revenue grew 8% YoY to INR1.19b, below our estimate of INR1.21b, led by (i) a 14% YoY decline in transaction charges because of depreciation in small and midcap equities and (ii) lower book-building charges due to lower new issues. EBITDA margin of 16.3% missed our estimate by 170bp due to the revenue miss; expenditure was in line with our estimate on an absolute basis. Although investment income was below expectations, adj. PAT was to the tune of the miss on EBITDA because of a lower ETR. PAT of INR473m declined by 5% YoY (est. of +7% YoY).
- New segments continue building momentum: INX saw the highest number of trades in a day of 62,222 on 18th July 2018. Similarly, the performance in the MF platform has been encouraging. BSE has started to monetize the platform and booked revenue of INR52m from it this quarter. Total transaction value was up 14% YoY and the number of orders was higher by 152% YoY in 1QFY19. BSE is also on track to commence commodity trading starting 1st October on getting the necessary regulatory approvals.
- Valuation view: BSE has been partaking in the market momentum with healthy growth in volumes that have prevailed in recent quarters, barring aberrations in tandem with the markets. Scaling of new segments should continue driving growth in earnings, given that the benefits should flow directly to the bottom line. We value BSE on an SOTP basis, ascribing value to [1] core operations ex-cash income (INR400/share), [2] implied value from CDSL's market price @20% holding company discount (INR100/share), [3] owned unencumbered cash (INR290/share) and [4] float income from encumbered/margin money (INR160/share). Our target price of INR950 implies a 15% upside. Maintain Buy.

Quarterly Performance (Consolidated)

Y/E March	FY18 FY19				FY18	FY19E						
-	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			Est. 1Q Va	ar. (%/bp)
Revenue from operations	1,099	1,108	1,301	1,386	1,185	1,304	1,118	1,304	4,894	4,911	1,214	-2.4
YoY Change (%)	22.7	20.0	49.7	25.0	7.8	17.7	-14.1	-5.9	28.9	0.3	13.3	-550bp
Total Expenditure	896	820	947	1,107	992	1,014	869	1,014	3,770	3,889	995	-0.3
EBITDA	203	288	354	279	193	290	249	290	1,124	1,022	218	-11.6
Margins (%)	18.5	26.0	27.2	20.1	16.3	22.3	22.3	22.3	23.0	20.8	18.0	-170bp
Depreciation	101	109	112	133	115	135	116	135	455	501	125	-8.1
Interest	2	4	3	2	2	3	2	3	10	10	3	
Investment income	513	556	454	572	479	610	523	610	2,095	2,222	556	-13.8
PBT before EO expense	614	731	694	716	555	763	654	763	2,754	2,734	646	-14.1
Extra-Ord expense	0	5	7	14	28	-6	-5	-6	26	10	0	
PBT	614	726	686	702	527	769	659	769	2,728	2,724	646	-18.5
Tax	118	126	162	149	70	166	142	166	555	545	129	-45.8
Rate (%)	19.2	17.4	23.6	21.2	13.3	21.6	21.6	21.6	20.3	20.0	20.0	-672bp
MI & P/L of Asso. Cos.	2	68	60	69	58	63	54	63	-199	-239	60	-2.8
Reported PAT	498	668	584	622	515	666	571	666	2,372	2,418	577	-10.7
Adj PAT	496	612	538	568	465	616	528	616	2,213	2,227	529	-12.1
YoY Change (%)	44.5	19.5	25.0	16.2	-6.3	0.7	-1.9	8.6	12.9	0.6	6.7	-1295bp
Margins (%)	45.1	55.2	41.4	41.0	39.2	47.3	47.3	47.3	45.2	45.3	43.6	-436bp

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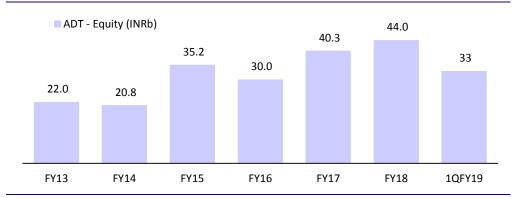
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Exhibit 1: Segment performance (INRm)

	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19
Transaction charges income - Equity	295	326	414	407	226
Transaction charges income - currency derivatives	21	24	22	15	19
Transaction charges income - interest rate futures	1	1	1	1	0.5
Listing fees	394	428	444	510	512
Book building and other services	83	100	137	110	48
SME Listing fees	6	9	9	15	9

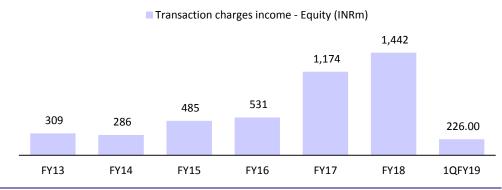
Source: MOSL, Company

Exhibit 2: Equity ADT negatively impacted by market conditions



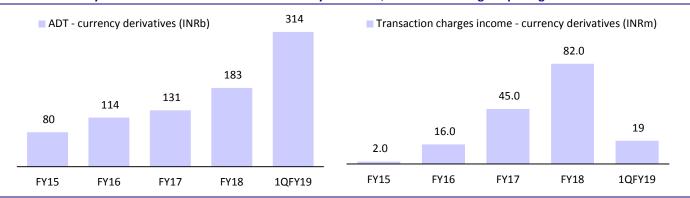
Source: MOSL, Company

Exhibit 3: Equity transaction charges down by 23% YoY to INR226m in 1QFY19



Source: MOSL, Company

Exhibit 4: Currency derivatives transaction income down by 10% in 1QFY19 due to change in pricing



Source: MOSL, Company

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Takeaways from Management Commentary

- MF platform monetization started: BSE recently commenced a steady source of revenue from the MF platform, which would grow with increasing participation of investors. It has an 82% share in the business and the platform contributed over 50% of the net MF inflow in equity funds in June 2018. The number of distributor registrations has now crossed 10,000.
- Insurance distribution network: BSE and EBIX set up a JV to develop an insurance distribution network with the goal of revolutionizing sales and processing of insurance in India. Leveraging of the technology from Ebix and the distribution network of both entities would be a key driver.
- Unified exchange: BSE has already made an application to the regulator for launching commodities at the exchange. It is currently holding mock trading sessions and is ready to launch on October 1, once approval from the regulator is in place.
- 1Q performance: Revenue was lower on account of the downward trend in equity markets and its consequent impact on small and mid-cap stocks. There has also been a reduction in book-building charges, which are directly correlated to the number of new issues.

Valuation and view

- Oldest exchange gunning for the newest offerings: BSE is Asia's oldest exchange, and boasts of the largest number of listed securities in the world. However, in the Indian context, NSE is the clear leader in equities with a monopolistic market share in derivatives and 85%+ in cash. As a result, BSE, which set off to transform itself under new management tried its hand through pricing in old segments and actively staying ahead in the game in new areas. Little change has been affected in equities, but the exchange has encouraging early progress in new areas such as currency, IR derivatives, MF platform, SME platform, new bond raising market as well as GIFT city. These remain marginal contributors today but lend an optionality of scale in earnings in the future.
- Operating leverage higher from new segments: Given BSE's scale of revenues, the impact from success in any one segment would appear much more handsome than that for its rival NSE, which has a higher base to grow on. Additionally, BSE is invested in the same and any triggers in any segment will flow to the bottom line, driving accentuated boost to earnings.
- Technology prowess is an encouraging backbone: Deutsche's strategic stake in BSE has not only lent an edge in terms of the best-in-class technology (Eurex platform), but also at a significantly lower cost, having linked the charges to success in business. That keeps BSE's backbone ready to address any potential opportunity ahead of peers, if not alongside them.
- Valuation view: BSE has been partaking in the market momentum with healthy growth in volumes that have prevailed in recent quarters; barring some aberrations in tandem with the markets. Scaling of new segments should continue driving growth in earnings, given that the benefits should flow directly to the bottom line with costs already baked in. This would also improve the earnings quality as dependency on cash income reduces. We value BSE on an SOTP basis, ascribing value to [1] core operations ex-cash income (INR400/share), [2] implied value from CDSL's market price @20% holding

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company discount (INR100/share), [3] owned unencumbered cash (INR290/share) and [4] float income from encumbered/margin money (INR160/share). Our target price of INR950 implies a 15% upside. Maintain **Buy**.

Key triggers

- Pick-up in volume led by the introduction of new products like Options / Indices
- Introduction of new participants like Banks / FIs
- High volatility in key commodities like Bullion / Crude

Key risks

- Continued deterioration of cash volumes market share
- Pace of regulatory reforms and investor acceptance of INX
- Continued slow velocity in new segments

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Financials and valuations

Income Statement								(INR M)
Y/E March	2013	2014	2015	2016	2017	2018	2019E	2020E
Revenue	3,173.1	3,115.5	4,021.8	4,686.2	5,255.0	4,894.0	4,910.9	5,447.2
Revenue ex-CDSL	2,268.1	2,244.5	2,975.8	3,459.2	3,797.0	4,894.0	4,910.9	5,447.2
Change (%)	-13.0	-1.0	32.6	16.2	9.8	28.9	0.3	10.9
Employee expenses	772.4	853.7	998.7	1,115.5	1,415.0	1,201.0	1,273.1	1,349.4
Technology expenses	717.3	642.1	704.2	806.4	1,056.0	1,111.0	1,144.3	1,178.7
Admin & Others	931.0	927.9	1,491.5	1,655.7	1,732.0	1,458.0	1,471.3	1,545.9
EBITDA	752.4	691.8	827.4	1,108.6	1,052.0	1,124.0	1,022.1	1,373.3
EBITDA %	23.7	22.2	20.6	23.7	20.0	23.0	20.8	25.2
Depreciation / Amortization	283.1	323.5	587.7	616.8	540.0	455.0	500.5	510.5
EBIT	469.3	368.3	239.7	491.8	512.0	669.0	521.6	862.7
EBIT %	14.8	11.8	6.0	10.5	9.7	13.7	10.6	15.8
Finance costs	24.5	3.8	6.6	6.7	10.0	10.0	10.0	10.0
Investment income	2,356.3	2,182.7	2,225.7	1,896.5	2,785.0	2,095.0	2,222.1	2,595.3
РВТ	2,801.1	2,547.2	2,458.8	2,381.6	3,287.0	2,754.0	2,733.7	3,448.1
Tax	376.9	339.9	437.8	324.1	406.0	555.0	544.7	689.6
ETR %	13.5	13.3	17.8	13.6	12.4	20.2	19.9	20.0
PAT before MI and associate profits	2,424.2	2,207.3	2,021.0	2,057.5	2,881.0	2,199.0	2,189.0	2,758.5
Minority Interest	248.5	244.1	213.3	363.5	446.0	0.0	0.0	0.0
Share of Associates profit	3.3	4.1	2.8	2.7	11.0	199.0	238.8	286.6
PAT after MI and Associate profits	2,179.0	1,967.3	1,810.5	1,696.7	2,446.0	2,398.0	2,427.8	3,045.0
Change (%)	-6.8	-9.7	-8.0	-6.3	44.2	-2.0	1.2	25.4
PAT margin %	68.7	63.1	45.0	36.2	46.5	49.0	49.4	55.9
Exceptional items	984.0	607.2	507.5	466.0	208.0	26.0	10.0	0.0
PAT after exceptional items	1,440.2	1,600.1	1,513.5	1,591.5	2,238.0	2,372.0	2,417.8	3,045.0
Balanca Chast								(1010-04)
Balance Sheet	2012	2014	2015	2016	2017	2019	20105	(INR M)
Y/E March	2013	2014	2015	2016	2017	2018	2019E	2020E
Y/E March Total fixed assets	2,142	2,242	2,542	2,496	2,519	2,142	2,499	2020E 2,751
Y/E March Total fixed assets Non current investments	2,142 5,273	2,242 11,252	2,542 14,102	2,496 15,251	2,519 17,478	2,142 17,600	2,499 17,600	2020E 2,751 17,600
Y/E March Total fixed assets Non current investments Other non current assets	2,142 5,273 636	2,242 11,252 867	2,542 14,102 940	2,496 15,251 1,327	2,519 17,478 1,128	2,142 17,600 1,537	2,499 17,600 1,679	2020E 2,751 17,600 1,699
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets	2,142 5,273 636 8,052	2,242 11,252 867 14,362	2,542 14,102 940 17,585	2,496 15,251 1,327 19,074	2,519 17,478 1,128 21,125	2,142 17,600 1,537 21,278	2,499 17,600 1,679 21,777	2020E 2,751 17,600 1,699 22,049
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments	2,142 5,273 636 8,052 28,747	2,242 11,252 867 14,362 25,306	2,542 14,102 940 17,585 23,184	2,496 15,251 1,327 19,074 21,474	2,519 17,478 1,128 21,125 29,278	2,142 17,600 1,537 21,278 27,243	2,499 17,600 1,679 21,777 36,038	2020E 2,751 17,600 1,699 22,049 38,180
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables	2,142 5,273 636 8,052 28,747 344	2,242 11,252 867 14,362 25,306 344	2,542 14,102 940 17,585 23,184 360	2,496 15,251 1,327 19,074 21,474 480	2,519 17,478 1,128 21,125 29,278 687	2,142 17,600 1,537 21,278 27,243 549	2,499 17,600 1,679 21,777 36,038 473	2020E 2,751 17,600 1,699 22,049 38,180 519
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets	2,142 5,273 636 8,052 28,747 344 2,305	2,242 11,252 867 14,362 25,306 344 698	2,542 14,102 940 17,585 23,184 360 844	2,496 15,251 1,327 19,074 21,474 480 1,043	2,519 17,478 1,128 21,125 29,278 687 740	2,142 17,600 1,537 21,278 27,243 549 774	2,499 17,600 1,679 21,777 36,038 473	2020E 2,751 17,600 1,699 22,049 38,180 519 584
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets	2,142 5,273 636 8,052 28,747 344 2,305 31,397	2,242 11,252 867 14,362 25,306 344 698 26,347	2,542 14,102 940 17,585 23,184 360 844 24,389	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996	2,519 17,478 1,128 21,125 29,278 687 740 30,705	2,142 17,600 1,537 21,278 27,243 549 774 28,566	2,499 17,600 1,679 21,777 36,038 473 473 36,985	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets	2,142 5,273 636 8,052 28,747 344 2,305	2,242 11,252 867 14,362 25,306 344 698	2,542 14,102 940 17,585 23,184 360 844	2,496 15,251 1,327 19,074 21,474 480 1,043	2,519 17,478 1,128 21,125 29,278 687 740	2,142 17,600 1,537 21,278 27,243 549 774	2,499 17,600 1,679 21,777 36,038 473	2020E 2,751 17,600 1,699 22,049 38,180 519 584
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total current assets Total current assets	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total current assets Total current assets Total current assets	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Share Capital R&S Shareholders equity	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Share Capital R&S Shareholders equity Core SGF	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Share Capital R&S Shareholders equity Core SGF Minority Interest	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total cu	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total cu	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733 55	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96 13	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27 36	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2 19	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53 0	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45 0
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Share Capital R&S Shareholders equity Core SGF Minority Interest Deferred tax liabilities LT borrowings Other LT liabilities	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733 55 0 2,756	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96 13 601	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27 36 648	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2 19 719	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0 0 88	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0 142 0	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53 0 95	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45 0 95
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total current assets Share Capital R&S Shareholders equity Core SGF Minority Interest Deferred tax liabilities LT borrowings Other LT liabilities Total non-current liabilities	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733 55 0 2,756 2,811	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96 13 601 710	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27 36 648 710	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2 19 719 739	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0 0 88 88	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0 142 0 95 236	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53 0 95 148	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45 0 95 139
Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total non-current liabilities Total non-current liabilities	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733 55 0 2,756 2,811	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96 13 601 710 0	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27 36 648 710 0	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2 19 719 739 0	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0 0 88 88 0	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0 142 0 95 236	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53 0 95 148 0	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45 0 95 139
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Y/E March Total fixed assets Non current investments Other non current assets Total non current assets Cash & Current investments Trade receivables Other current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current assets Total current liabilities LT borrowings Other LT liabilities Total non-current liabilities ST borrowings Outstanding dues to creditors Other current liabilities	2,142 5,273 636 8,052 28,747 344 2,305 31,397 39,448 104 22,786 22,889 8 1,733 55 0 2,756 2,811 9 371 11,627	2,242 11,252 867 14,362 25,306 344 698 26,347 40,709 104 23,604 23,708 56 1,875 96 13 601 710 0 470 13,891	2,542 14,102 940 17,585 23,184 360 844 24,389 41,974 107 24,502 24,609 1,113 1,986 27 36 648 710 0 581 12,975	2,496 15,251 1,327 19,074 21,474 480 1,043 22,996 42,070 107 24,385 24,493 1,761 2,223 2 19 719 739 0 697 12,158	2,519 17,478 1,128 21,125 29,278 687 740 30,705 51,830 108 26,516 26,624 2,045 2,909 0 0 88 88 88 0 563 19,601	2,142 17,600 1,537 21,278 27,243 549 774 28,566 49,844 107 31,237 31,344 2,910 0 142 0 95 236 0 629 14,725	2,499 17,600 1,679 21,777 36,038 473 473 36,985 58,762 107 38,150 38,257 2,910 0 53 0 95 148 0 629 16,819	2020E 2,751 17,600 1,699 22,049 38,180 519 584 39,283 61,332 107 38,694 38,800 2,910 0 45 0 95 139 0 629 18,853
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Financials and valuations

Ratios								
Y/E March	2013	2014	2015	2016	2017	2018	2019E	2020E
Basic (INR)								
EPS	21.8	24.8	23.8	24.4	41.0	130.3	44.3	55.8
EPS (excl EOI)	21.9	24.7	23.8	24.4	41.0	43.5	44.3	55.8
Cash EPS	27.0	30.7	34.5	34.2	51.0	138.6	53.5	65.1
Book Value	419.3	434.3	450.8	448.7	494.9	574.2	700.8	710.8
DPS	7.7	7.7	10.0	8.0	28.0	30.0	40.0	50.0
Payout %	35.6	31.3	42.1	32.9	68.3	23.0	90.3	89.6
Valuation (x)								
P/E	39.2	34.4	35.9	35.0	20.8	6.5	19.3	15.3
Cash P/E	31.6	27.8	24.7	25.0	16.7	6.2	16.0	13.1
EV/EBITDA	61.7	78.5	37.9	23.9	7.9	13.5	0.7	-2.4
EV/Sales	7.2	7.2	4.4	3.8	1.5	2.1	0.1	-0.3
Price/Book Value	2.0	2.0	1.9	1.9	1.7	1.5	1.2	1.2
Dividend Yield (%)	0.9	0.9	1.2	0.9	3.3	3.5	4.7	5.9
Profitability Ratios (%)								
RoE	5.2	5.7	5.3	5.4	8.3	7.6	6.3	7.8
RoCE	12.4	12.1	12.8	12.5	13.7	10.7	9.1	10.7
Turnover Ratios								
Debtors (Days)	45.8	47.1	36.4	41.2	48.5	44.9	40.0	40.0
Fixed Asset Turnover (x)	2.1	1.9	2.1	2.6	3.1	2.5	2.0	2.0

Cash Flow Statement								(INR M)
Y/E March	2013	2014	2015	2016	2017	2018	2019E	2020E
PBT	1,822	1,934	1,951	1,916	3,255	2,754	2,734	3,448
Depreciation	283	324	588	617	540	455	501	511
Contribution to SGF	0	0	258	174	208	26	10	0
Interest & Dividend income	-2,135	-1,977	-2,107	-1,901	-2,380	-1,687	-1,794	-2,146
Other adjustments	-132	-107	18	261	10	10	10	10
Working capital changes	2,549	2,103	-1,756	-825	7,670	-4,520	-365	1,760
Taxes paid	-649	-548	-480	-733	-406	-555	-545	-690
CF - Operations	1,738	1,728	-1,528	-491	8,896	-3,517	551	2,893
Capital expenditure	-314	-446	-726	-623	-650	-700	-750	-800
FCF	1,424	1,283	-2,254	-1,115	8,246	-4,217	-199	2,093
Other investment changes	1,314	-302	4,413	2,270	506	-967	1,794	2,146
CF - Investments	1,000	-748	3,687	1,646	-144	-1,667	1,044	1,346
Finance costs	-25	-2	-7	-7	-10	-10	-10	-10
Dividends including taxes	-821	-607	-607	-1,244	-670	-2,839	-4,258	-5,677
Others	-3,149	-2,102	159	34	-19	-26	0	0
CF - Financing activities	-3,995	-2,711	-455	-1,217	-698	-2,875	-4,268	-5,687
Net change in cash	-1,256	-1,730	1,704	-62	8,053	-8,059	-2,673	-1,449
Cash at beginning	20,484	14,695	14,525	16,101	24,258	19,690	28,485	30,627
Cash at end	19,228	12,964	16,229	16,039	32,311	11,631	25,812	29,178

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NOTES

Explanation of Investment Rating

Investment Rating Expected return (over 12-month)

>=15% BUY SELL < - 10% NEUTRAL > - 10 % to 15%

UNDER REVIEW Rating may undergo a change

NOT RATED We have forward looking estimates for the stock but we refrain from assigning recommendation

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Analyst ownership of the stock

Nο

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