Coal India

Estimate change	\leftrightarrow
TP change	$ \longrightarrow $
Rating change	

Motilal Oswal

COAL IN
6207
1386 / 16.9
263 / 149
2/3/39
2611

Financials & Valuations (INR b)

2023E	2024E	2025E
1,364	1,268	1,294
440	279	258
333	203	189
34.2	23.6	21.6
54	33	31
91	-39	-7
97	114	129
-0.3	-0.3	-0.2
55.6	29.1	23.8
65.8	32.1	26.0
50.0	50.0	50.0
4.2	6.8	7.3
2.3	2.0	1.7
2.6	4.0	4.4
12.0	7.3	6.8
5.8	11.1	5.9
	1,364 440 333 34.2 91 97 -0.3 55.6 65.8 50.0 4.2 2.3 2.6 12.0	1,364 1,268 440 279 333 203 34.2 23.6 54 33 91 -39 97 114 -0.3 -0.3 55.6 29.1 65.8 32.1 50.0 50.0 4.2 6.8 2.3 2.0 2.6 4.0 2.6 4.0

Shareholding pattern (%)

As On	Dec-22	Sep-22	Dec-21
Promoter	66.1	66.1	66.1
DII	21.3	22.6	21.4
FII	7.9	6.7	6.6
Others	4.7	4.5	5.9

CMP: INR225

TP: INR275 (+22%)

Buy

Decent performance; outlook robust

- COAL reported yet another quarter with in line revenue. Net sales grew 24% YoY and 18% QoQ to INR352b in 3QFY23. The YoY sales growth was driven by a 23% growth in blended ASP. ASP grew YoY across all the categories and total dispatch volumes registered a growth of 1.2% YoY.
- Dispatches were up 14% QoQ and 1.2% YoY, while blended ASP was up 4% QoQ and 23% YoY at INR1,845/t. E-auction ASP was up 160% YoY to INR5,047/t (down 17% QoQ; e-auction premium had touched its life-time high in 2QFY23).
- E-auction premium cooled off to 241% from an all-time high of 329% in the previous quarter.
- Adjusted EBITDA (net of OBR) grew 52% YoY and 40% QoQ after a strong 178% YoY growth in 1QFY23 and 100% YoY growth in 2QFY23 – the highest ever third quarter EBITDA for COAL. APAT grew 69% YoY and 28% QoQ to INR77b in 3QFY23.
- The company increased its OBR removal by 19.2% to make future coal excavation easier. The OBR as on December had surpassed its satisfaction target and stood at 100.8%.
- We believe the strength in the e-auction premiums as well as strong dispatches would help the growth momentum.

E-auction continues to drive profitability

- As indicated during our 2QFY23 Result Update <u>Note</u>, though the e-auction premiums cooled off from their highs, it was compensated by higher volumes for e-auction.
- We expect COAL to register a better QoQ performance in 4Q with higher volumes on e-auction and almost similar levels on premium.
- 4Q is seasonally the best quarter for the company and we believe with robust demand for coal across sectors, COAL should in turn deliver yet another record quarter in 4QFY23.

Valuation and view – raising estimates again

- We believe the world has come to terms that fossil fuel cannot be ignored, at least in the near term. Under-investment by the developed economies in the last decade has proven expensive with no alternate sources of Russian NG in sight other than coal.
- Renewables continue to be unreliable with problems either related to (a) availability, (b) costs, (c) storage or (d) safety. As a result, irrespective of investor preference, dependence on coal is likely to increase in the near term. Integration of all the five different modes of auction into a single e-auction has also led to improved price discovery of coal and has resulted in a structural shift in e-auction premium.

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

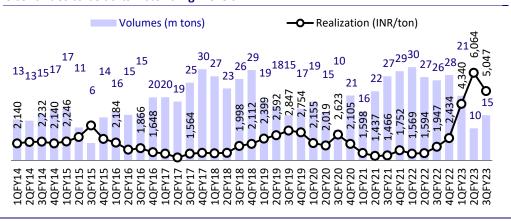
Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

- We maintain our e-auction premium estimate for FY23/24 at 231%/81% respectively. We retain our BUY rating for TP to INR 275, valuing the stock at 5x FY24EV/EBTIDA. COAL continues to be our top pick in the metals and mining sector. The stock at CMP of INR225 trades at an inexpensive valuation of 2.6x/4x on FY23/24 EV/EBTIDA.
- The company has declared a second interim dividend of INR 5.25 (record date 8 February 2023), taking the total to INR20.25 and we estimate DPS of INR 27 for FY23.

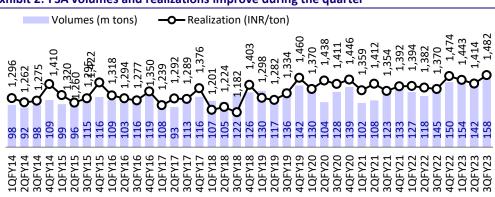
Y/E March		FY2	2			FY2	3E		FY22	FY23E	FY23	var
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Sales	252.8	232.9	284.3	327.1	350.9	298.4	351.7	363.6	1,097.1	1,364.3	363.2	-3.2
Change YoY (%)	36.8	10.1	20.0	22.5	38.8	28.1	23.7	11.2	21.9	24.4	27.7	
Change QoQ (%)		-7.9	22.1	15.0	7.3	-15.0	17.9	3.4			21.7	
Adj. EBITDA	45.9	40.1	73.9	124.7	127.3	80.2	112.4	146.6	284.5	466.2	123.8	-9.3
Change YoY (%)	63.9	18.0	26.2	56.4	177.6	99.9	52.1	17.6	42.1	63.9	67.7	
Change QoQ (%)	-42.5	-12.5	84.1	68.8	2.1	-37.0	40.1	30.5			54.5	
EBITDA per tonne	285.7	272.8	425.3	688.6	716.5	518.8	639.2	781.2	429.6	669.9	688.0	
Depreciation	10.4	9.3	10.4	14.1	9.9	10.8	12.6	10.8	44.3	44.1	9.9	
OBR	-2.6	0.7	5.6	33.9	4.8	7.4	8.5	5.1	37.6	25.8	5.0	
Interest	1.5	1.4	1.3	1.2	1.5	1.4	2.0	1.8	5.4	6.7	1.3	
Other Income	6.8	7.8	6.5	17.9	9.7	16.2	16.7	14.8	39.0	57.5	6.2	
EO Inc/(Exp)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
РВТ	43.4	36.5	63.1	93.3	120.8	76.9	105.9	143.7	236.2	447.0	113.7	-6.9
Тах	11.6	7.1	17.5	26.2	32.4	16.4	28.7	36.8	62.4	114.4	28.1	
Tax Rate (%)	26.8	19.5	27.7	28.1	26.9	21.4	27.1	25.6	26.4	25.6	24.7	
Reported PAT	31.7	29.4	45.6	67.1	88.3	60.4	77.2	107.0	173.8	332.6	85.6	-9.9
Adjusted PAT	31.7	29.4	45.6	67.1	88.3	60.4	77.2	107.0	173.8	332.6	85.6	-9.9
Change YoY (%)	52.7	-0.4	47.9	46.2	178.3	105.7	69.3	59.5	36.8	91.4	87.8	
Change QoQ (%)	-30.8	-7.4	55.2	47.1	31.7	-31.6	27.7	38.6			41.7	

Consolidated quarterly performance (INR b)

Exhibit 1: e-auction volumes drove the revenue; though the realizations cooled off QoQ, it is continues to be at its historic high levels



Source: MOFSL, Company



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Coal India



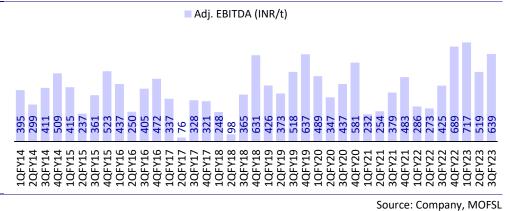
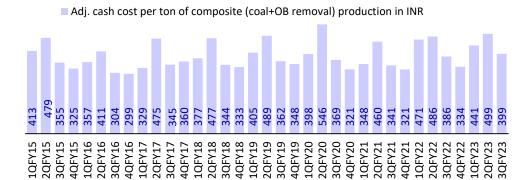


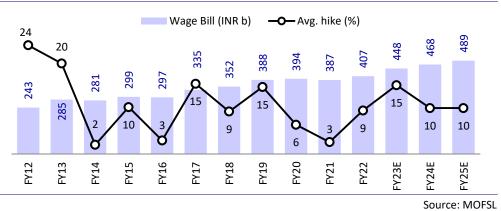
Exhibit 4: Adjusted cash cost remains under control



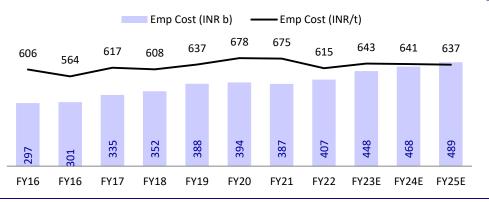
Source: CEA, MOFSL

Exhibit 2: FSA volumes and realizations improve during the quarter



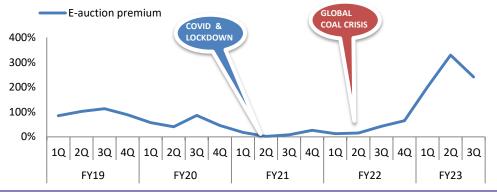






Source: Industry, MOFSL





Source: Industry, MOFSL

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Exhibit 8: Adjusted P&L (INR m)

	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Revenue	9,95,469	9,60,803	9,00,260	10,97,135	13,64,294	12,68,333	12,93,602
Power FSA	6,40,826	6,24,312	5,84,460	7,26,889	8,89,554	9,70,363	9,78,246
Non Power FSA	1,24,788	1,42,822	1,19,007	1,07,430	1,45,735	79,714	84,638
Eauction/MoU	2,29,856	1,93,669	1,96,793	2,62,816	3,29,006	2,18,256	2,30,718
Sales (mt)	608	581	574	662	696	731	767
YoY (%)	4.9	-4.5	-1.3	15.5	5.1	5.0	5.0
Power FSA	458	426	407	495	580	601	631
Share (%)	75	73	71	75	83	82	82
Non Power FSA	67	75	65	45	52	55	57
Eauction/MoU	83	80	102	122	64	76	79
Revenue per ton	1,637	1,653	1,569	1,657	1,960	1,736	1,686
YoY (%)	10.6	1.0	-5.1	5.5	18.3	-11.5	-2.9
Power FSA	1,399	1,465	1,438	1,467	1,533	1,616	1,551
Non Power FSA	1,851	1,904	1,831	2,398	2,799	1,458	1,475
Eauction/MoU	2,777	2,418	1,929	2,152	5,180	2,889	2,909
Cost of Mining (ex. OBR)	6,94,986	6,86,176	7,00,022	8,12,621	8,98,103	9,69,061	10,14,604
CoP per ton	1,143	1,181	1,220	1,227	1,290	1,326	1,322
YoY (%)	1.1	3.3	3.4	0.5	5.2	2.8	-0.3
Labor & social OH	644	688	682	623	650	648	644
Contract	220	239	279	285	318	365	377
R&M	158	129	121	202	205	194	180
Others	120	125	138	118	118	119	122
Adjusted EBIDTA	3,00,483	2,74,627	2,00,238	2,84,514	4,66,192	2,99,273	2,78,998

Exhibit 9: Key assumptions and changes to our estimates

	UoM		FY23E			FY24E	
		New	Old	% change	New	Old	% change
Production	mt	700	700	0%	735	735	0%
Dispatch	mt						
- FSA	"	625	632	-1%	655	655	0%
- E-auction		59	57	4%	63	69	-7%
- Others	"	12	11	8%	12	11	8%
Total Dispatch		696	700	-1%	731	735	-1%
ASP							
- Blended	INR/t	1,821	1,830	0%	1,597	1,603	0%
- FSA		1,484	1,502	-1%	1,464	1,464	0%
- E-auction		4,908	5,086	-4%	2,651	2,644	0%
- E-auction premium		231%	239%	-793 bps	81%	81%	49 bps
Revenue	INR b	1,364	1,372	-0.6	1,268	1,273	-0.4
Adj EBITDA	INR b	466	474	-1.7	299	304	-1.7
PAT	INR b	333	332	0.2	203	195	4.2

Source: MOSL, Company

Exhibit 10: Valuation remains attractive as demand for COAL remains strong

		•
Target Price calculations	UoM	FY24E
Adjusted EBIDTA	INR b	299
Target EV/EBITDA (x)	x	5.0
Target EV	INR b	1,496
Net debt	INR b	-191
Equity value	INR b	1,687
ТР		275
		6 6 MOTO

Source: Company, MOFSL

Source: MOFSL, Company

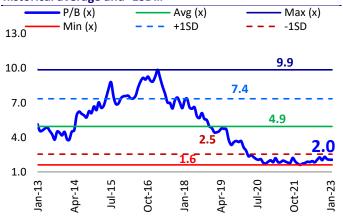


Exhibit 11: COAL P/E multiple remains cheap & below its historical average and -1SD...

Exhibit 12: Even the EV/EBITDA multiple is below its historical average...

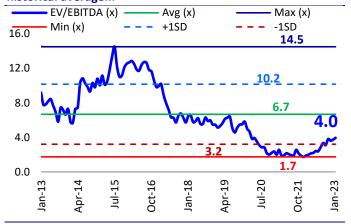


Exhibit 13: Comparable valuation of global coal companies

	M-Cap		P/E (x)		EV	/EBITDA	(x)		P/B (x)			RoE (%)	
		CY21/	CY22/	CY23/									
Company	USD mn	FY22	FY23	FY24									
Coal*	16,808	8.0	4.2	6.8	3.7	2.6	4.0	3.2	2.3	2.0	40.3	55.6	29.1
China Shenhua	80,464	5.7	6.2	6.3	3.9	4.3	4.3	1.1	1.0	1.0	18.8	17.0	16.1
Banpu	3,170	1.8	3.3	5.6	2.0	2.6	3.1	0.9	0.8	0.8	43.7	24.5	13.6
Bukit Asam	2,668	3.1	3.8	4.5	1.9	2.2	2.6	1.3	1.2	1.1	45.2	32.4	24.5
Adaro Energy	6,533	2.8	4.1	5.7	1.2	1.8	2.2	1.1	1.0	0.9	43.8	25.7	16.0

Source: MOFSL, Company

Source: MOFSL, Company, Bloomberg. (*) denotes MOFSL estimates

Financials and valuations

Income Statement										(INR b)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Net Sales	780	784	859	995	961	900	1,097	1,364	1,268	1,294
Change (%)	0.0	0.5	9.6	15.9	-3.5	-6.3	21.9	24.4	-7.0	2.0
Operating Expenses	593	660	689	746	742	715	850	924	989	1,036
EBITDA	187	124	170	250	219	186	247	440	279	258
% of Net Sales	24.0	15.8	19.7	25.1	22.8	20.6	22.5	32.3	22.0	19.9
Adjusted EBITDA	215	151	203	300	275	200	285	466	299	279
adj. EBITDA/ton	403	277	350	494	473	349	430	670	410	364
Depreciation	28	29	31	35	35	37	44	44	41	38
Interest	4	4	4	3	5	6	5	7	6	6
Other Income	59	55	47	59	61	38	39	57	39	39
Extra Ordinary income	0	0	74	0	0	0	0	0	0	0
PBT	215	146	107	271	241	180	236	447	272	253
Tax	72	52	37	97	74	53	62	114	69	64
Rate (%)	33.4	35.4	34.6	35.6	30.6	29.5	26.4	25.6	25.2	25.2
PAT before Min. Int.	143	94	70	175	167	127	174	333	203	189
Minority Interest		51		270	207				200	105
Reported PAT	143	94	70	175	167	127	174	333	203	189
Change (%)	0.1	-34.1	-25.5	148.8	-4.4	-23.9	36.8	91.4	-38.8	-7.0
Adjusted PAT	143	94	119	175	167	127	174	333	203	189
Change (%)	0.1	-34.1	26.3	46.8	-4.4	-23.9	36.8	91.4	-38.8	-7.0
Balance Sheet										(INR b)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Share Capital	63	62	62	62	62	62	62	62	62	62
Reserves	285	183	136	203	260	304	370	536	638	732
Net Worth	348	245	198	265						
Minority Interest					322	365	431	598	699	794
	1	3	4	4	4	4	7	7	<mark>699</mark> 7	794 7
Loans	12	30	15	4 22	4 64	4 59	7 33	7 33	699 7 33	794 7 33
Loans Deferred tax Liability	12 -20	30 -27	15 -54	4 22 -43	4 64 -33	4 59 -41	7 33 -41	7 33 -41	699 7 33 -41	794 7
Deferred tax Liability Capital Employed	12 -20 341	30 -27 251	15 -54 164	4 22 -43 248	4 64 -33 357	4 59 -41 388	7 33 -41 430	7 33 -41 596	699 7 33 -41 698	794 7 33 -41 793
Deferred tax Liability Capital Employed Gross Fixed Assets	12 -20	30 -27 251 277	15 -54 164 326	4 22 -43 248 402	4 64 -33 357 474	4 59 -41 388 565	7 33 -41	7 33 -41	699 7 33 -41 698 375	794 7 33 -41 793 232
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation	12 -20 341	30 -27 251 277 56	15 -54 164 326 85	4 22 -43 248 402 116	4 64 -33 357 474 150	4 59 -41 388 565 187	7 33 -41 430	7 33 -41 596	699 7 33 -41 698	794 7 33 -41 793 232 355
Deferred tax Liability Capital Employed Gross Fixed Assets	12 -20 341 234 27 207	30 -27 251 277 56 221	15 -54 164 326 85 241	4 22 -43 248 402	4 64 -33 357 474 150 323	4 59 -41 388 565 187 378	7 33 -41 430 660 232 428	7 33 -41 596 517	699 7 33 -41 698 375	794 7 33 -41 793 232 355 -123
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation	12 -20 341 234 27	30 -27 251 277 56	15 -54 164 326 85	4 22 -43 248 402 116 286 137	4 64 -33 357 474 150	4 59 -41 388 565 187 378 151	7 33 -41 430 660 232 428 168	7 33 -41 596 517 276	699 7 33 -41 698 375 316	794 7 33 -41 793 232 355 -123 1,045
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets	12 -20 341 234 27 207	30 -27 251 277 56 221	15 -54 164 326 85 241	4 22 -43 248 402 116 286 137 5	4 64 -33 357 474 150 323	4 59 -41 388 565 187 378	7 33 -41 430 660 232 428	7 33 -41 596 517 276 241	699 7 33 -41 698 375 316 58	794 7 33 -41 793 232 355 -123 1,045 54
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress	12 -20 341 234 27 207 59	30 -27 251 277 56 221 103	15 -54 164 326 85 241 138	4 22 -43 248 402 116 286 137	4 64 -33 357 474 150 323 128	4 59 -41 388 565 187 378 151	7 33 -41 430 660 232 428 168	7 33 -41 596 517 276 241 460	699 7 33 -41 698 375 316 58 753	794 7 33 -41 793 232 355 -123 1,045
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments	12 -20 341 234 27 207 59 0	30 -27 251 277 56 221 103 0	15 -54 164 326 85 241 138 3	4 22 -43 248 402 116 286 137 5 857 56	4 64 -33 357 474 150 323 128 9	4 59 -41 388 565 187 378 151 23	7 33 -41 430 660 232 428 168 24	7 33 -41 596 517 276 241 460 44	699 7 33 -41 698 375 316 58 753 49	794 7 33 -41 793 232 355 -123 1,045 54
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets	12 -20 341 234 27 207 59 0 841	30 -27 251 277 56 221 103 0 809	15 -54 164 326 85 241 138 3 839	4 22 -43 248 402 116 286 137 5 857	4 64 -33 357 474 150 323 128 9 1,007	4 59 -41 388 565 187 378 151 23 1,025	7 33 -41 430 660 232 428 168 24 24 1,141	7 33 -41 596 517 276 241 460 44 1,196	699 7 33 -41 698 375 316 58 753 49 1,198	794 7 33 -41 793 232 355 -123 1,045 54 1,199
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory	12 -20 341 234 27 207 59 0 841 76	30 -27 251 277 56 221 103 0 809 89	15 -54 164 326 85 241 138 3 839 64	4 22 -43 248 402 116 286 137 5 857 56	4 64 -33 357 474 150 323 128 9 1,007 66	4 59 -41 388 565 187 378 151 23 1,025 89	7 33 -41 430 660 232 428 168 24 1,141 71	7 33 -41 596 517 276 241 460 44 1,196 93	699 7 33 -41 698 375 316 58 753 49 1,198 87	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors	12 -20 341 234 27 207 59 0 841 76 114	30 -27 251 277 56 221 103 0 809 89 107	15 -54 164 326 85 241 138 3 839 64 87	4 22 -43 248 402 116 286 137 5 857 56 55	4 64 -33 357 474 150 323 128 9 1,007 66 144	4 59 -41 388 565 187 378 151 23 1,025 89 196	7 33 -41 430 660 232 428 168 24 1,141 71 114	7 33 -41 596 517 276 241 460 44 1,196 93 224	699 7 33 -41 698 375 316 58 753 49 1,198 87 174	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors Other Current Assets	12 -20 341 234 27 207 59 0 841 76 114 241	30 -27 251 277 56 221 103 0 809 89 107 285	15 -54 326 85 241 138 3 839 64 87 351 10 326	4 22 -43 248 402 116 286 137 5 857 56 55 392	4 64 -33 357 474 150 323 128 9 1,007 66 144 490	4 59 -41 388 565 187 378 151 23 1,025 89 196 524	7 33 -41 430 660 232 428 168 24 1,141 71 114 588	7 33 -41 596 517 276 241 460 44 1,196 93 224 677	699 7 33 -41 698 375 316 58 753 49 1,198 87 174 711	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177 746
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors Other Current Assets Loans and Advances	12 -20 341 234 27 207 59 0 841 76 114 241 1	30 -27 251 277 56 221 103 0 809 89 107 285 0	15 -54 326 85 241 138 3 839 64 87 351 10	4 22 -43 248 402 116 286 137 5 857 56 55 392 16	4 64 -33 357 474 150 323 128 9 1,007 66 144 490 11	4 59 -41 388 565 187 378 151 23 1,025 89 196 524 6	7 33 -41 430 660 232 428 168 24 1,141 71 114 588 4	7 33 -41 596 517 276 241 460 44 1,196 93 224 677 4	699 7 33 -41 698 375 316 58 753 49 1,198 87 174 711 4	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177 746 4
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors Other Current Assets Loans and Advances Cash	12 -20 341 234 27 207 59 0 841 76 114 241 1 409	30 -27 251 277 56 221 103 0 809 89 107 285 0 327	15 -54 326 85 241 138 3 839 64 87 351 10 326	4 22 -43 248 402 116 286 137 5 857 56 55 392 16 338	4 64 -33 357 474 150 323 128 9 1,007 66 144 490 11 295	4 59 -41 388 565 187 378 151 23 1,025 89 196 524 6 209	7 33 -41 430 660 232 428 168 24 1,141 71 114 588 4 365	7 33 -41 596 517 276 241 460 44 1,196 93 224 677 4 198	699 7 33 -41 698 375 316 58 753 49 1,198 87 174 711 4 224	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177 746 4 184
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors Other Current Assets Loans and Advances Cash Current Liabilities	12 -20 341 27 207 59 0 841 76 114 241 1 409 767	30 -27 251 277 56 221 103 0 809 89 107 285 0 327 882	15 -54 326 85 241 138 3 839 64 87 351 10 326 1,058	4 22 -43 248 402 116 286 137 5 857 56 55 392 16 338 1,037	4 64 -33 357 474 150 323 128 9 1,007 66 144 490 11 295 1,110	4 59 -41 388 565 187 378 151 23 1,025 89 196 524 6 209 1,189	7 33 -41 430 660 232 428 168 24 1,141 71 114 588 4 365 1,331	7 33 -41 596 517 276 241 460 44 1,196 93 224 677 4 198 1,346	699 7 33 -41 698 375 316 58 753 49 1,198 87 174 711 4 224 1,361	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177 746 4 184 1,383
Deferred tax Liability Capital Employed Gross Fixed Assets Less: Depreciation Net Fixed Assets Capital Work in Progress Investments Current Assets Inventory Debtors Other Current Assets Loans and Advances Cash Current Liabilities Payables	12 -20 341 27 207 59 0 841 76 114 241 1 409 767 33	30 -27 251 277 56 221 103 0 809 89 107 285 0 327 882 39	15 -54 326 85 241 138 3 839 64 87 351 10 326 1,058 45	4 22 -43 248 402 116 286 137 5 857 56 55 392 16 338 1,037 68	4 64 -33 357 474 150 323 128 9 1,007 66 144 490 11 295 1,110 101	4 59 -41 388 565 187 378 151 23 1,025 89 196 524 6 209 1,189 76	7 33 -41 430 660 232 428 168 24 1,141 71 114 588 4 365 1,331 86	7 33 -41 596 517 276 241 460 44 1,196 93 224 677 4 198 1,346 75	699 7 33 -41 698 375 316 58 753 49 1,198 87 1,198 87 1,74 7,11 4 2,24 1,361 69	794 7 33 -41 793 232 355 -123 1,045 54 1,199 89 177 746 4 184 1,383 71

Financials and valuations

Ratios		-	-							
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Basic										
Adjusted EPS	22.6	15.2	19.2	28.3	27.1	20.6	28.2	54.0	33.0	30.7
Cash EPS	31.5	24.2	29.5	42.2	41.7	29.0	41.5	65.3	42.9	40.4
Book Value	55.1	39.5	32.0	42.9	52.2	59.3	70.0	97.0	113.5	128.9
DPS	27.4	19.9	16.5	13.1	12.0	16.0	17.0	27.0	16.5	15.4
Payout (incl. Div. Tax.)	145.5	160.3	103.3	55.5	53.3	77.6	60.3	50.0	50.0	50.0
Valuation (x)										
P/E	12.9	19.3	14.8	8.4	4.9	6.3	8.0	4.2	6.8	7.3
Cash P/E	9.3	12.1	9.6	5.6	3.2	4.5	5.4	3.4	5.2	5.6
P/BV	5.3	7.4	8.9	5.5	2.5	2.2	3.2	2.3	2.0	1.7
EV/Adj. EBITDA	6.7	10.1	7.1	3.8	2.1	3.3	3.7	2.6	4.0	4.4
Dividend Yield (%)	9.4	6.8	5.8	5.5	9.1	12.3	7.6	12.0	7.3	6.8
EV /ton of Reserves	66.6	69.9	66.6	52.7	26.8	30.0	48.5	56.2	55.0	56.8
Profitability Ratios (%)										
Debtor (Days)	53.6	50.0	36.9	20.2	54.7	79.6	37.8	60.0	50.0	50.0
Inventory (Days)	35.4	41.7	27.4	20.5	25.1	36.3	23.5	25.0	25.0	25.0
Payables (Days)	15.4	18.2	19.2	25.0	38.4	31.0	28.6	20.0	20.0	20.0
Asset turnover(x)	2.3	3.1	5.2	4.0	2.7	2.3	2.6	2.3	1.8	1.6
Profitability Ratios (%)										
RoE	41.0	38.4	35.4	66.0	51.9	34.8	40.3	55.6	29.1	23.8
RoCE	39.9	32.7	58.4	85.7	56.4	35.4	43.5	65.8	32.1	26.0
RoIC	-60.6	-40.0	-37.7	-51.7	-83.4	-295.0	-243.4	-253	-82	-40
Leverage Ratio										
Net Debt/Equity (x)	-1.1	-1.2	-1.6	-1.2	-0.7	-0.4	-0.8	-0.3	-0.3	-0.2
					•••					
Cash Flow Statement										(INR b)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Adj EBITDA	215	151	203	300	275	200	285	466	299	279
Non cash exp. (income)	22	37	-55	11	10	19	15	23	22	21
(Inc)/Dec in WC	-27	60	138	-49	-123	-57	174	-144	52	-4
Taxes paid	-79	-89	-74	-95	-119	-57	-63	-114	-69	-64
CF from Operations	132	158	213	167	41	106	411	230	304	232
Capex	-58	-87	-85	-73	-56	-110	-120	-150	-150	-150
Free Cash Flow	74	72	127	94	-15	-4	291	80	150	82
(Pur)/Sale of Investments	0	0	-3	-1	-15		-8	-20	-5	-5
Interest/dividend	50	35	24	31	35	24	11	35	17	19
Other investing activity	-83	-12	-13	-10	11	-14	-5	-88	-34	-36
CF from Investments	-91	-65	-77	-54	-15	-107	-121	-224	-171	-172
Equity raised/(repaid)	0	-46	0	0	0	0	0	0	0	0
	10	18	-15	7	23	-6	-26	0	0	0
Debt raised/(repaid)	•	•			-1	-2	-1	-7	-6	-6
Interest paid	0	0	0	0						
Interest paid Dividend (incl. tax)	-208	-151	-123	-112	-97	-77	-108	-166	-102	-95
Interest paid Dividend (incl. tax) Other financing	-208 3	-151 3	-123 3	-112 4	-97 5	-77 0	-108 0	-166 0	-102 0	-95 0
Interest paid Dividend (incl. tax) Other financing CF from Fin. Activity	-208 3 -196	-151 3 -176	-123 3 -136	-112 4 -102	-97 5 -70	-77 0 -85	-108 0 -134	-166 0 - 173	-102 0 -107	-95 0 -100
Interest paid Dividend (incl. tax) Other financing CF from Fin. Activity Inc/Dec of Cash	-208 3 -196 -155	-151 3 -176 -82	-123 3 -136 -1	-112 4 -102 12	-97 5 - 70 - 43	-77 0 - 85 -86	-108 0 -134 155	-166 0 - 173 - 166	-102 0 -107 26	-95 0 -100 - 40
Interest paid Dividend (incl. tax) Other financing CF from Fin. Activity	-208 3 -196	-151 3 -176	-123 3 -136	-112 4 -102	-97 5 -70	-77 0 -85	-108 0 -134	-166 0 - 173	-102 0 -107	-95 0 -100

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
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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