Buy



Coal India

BSE SENSEX S&P CNX 51,935 15,575

Motilal Oswal values your support in the Asiamoney Brokers Poll 2021 for India Research, Sales and Trading team.

We request your ballot.





Stock Info

Bloomberg	COAL IN
Equity Shares (m)	6,207
M.Cap.(INRb)/(USDb)	909.6 / 12.5
52-Week Range (INR)	163 / 110
1, 6, 12 Rel. Per (%)	4/1/-57
12M Avg Val (INR M)	2138
Free float (%)	33.9

Financials Snapshot (INR b)

Y/E MARCH	2020	2021E	2022E
Sales	960.8	884.2	1,017.8
EBITDA	219.2	161.5	201.5
Adj. PAT	167.0	111.0	142.9
EBITDA Margin.%	22.8	18.3	19.8
Cons. Adj. EPS.INR	27.1	18.0	23.2
EPS Gr. (%)	-4.4	-33.5	28.7
BV/Sh. (INR)	52.2	57.7	65.8
Ratios			
Net D:E	-0.7	-0.3	-0.5
RoE (%)	51.9	31.2	35.2
RoCE (%)	56.4	30.7	35.3
Payout (%)	53.3	69.5	65.0
Valuations			
P/E (x)	5.2	8.2	6.4
P/BV (x)	2.7	2.6	2.2
EV/EBITDA(x)	2.3	4.6	2.8
Div. Yield (%)	8.6	8.5	10.2
FCF Yield (%)	-1.6	-8.5	17.8

Shareholding pattern (%)

As On	Mar-21	Dec-20	Mar-20
Promoter	66.1	66.1	66.1
DII	21.9	22.2	22.1
FII	6.5	6.5	8.2
Others	5.5	5.1	3.6

FII Includes depository receipts

CMP: INR148 TP: INR180 (+22%)

Volumes continue to recover

Valuations remain attractive; dividend yield at 10%

Another month of improved offtake

- COAL reported another month of strong offtake in dispatches, with volumes at 55.1mt, registering a 37.6% YoY increase in May'21. For the first two months of FY22, COAL's offtake now remains higher by 38% YoY. Offtake growth in May'21 comes on the back of: a) a 15% rise in coal-based generation (based on initial data from POSOCO), amid a 7% rise in overall Power demand, and b) re-stocking of inventory at Power plants (up 5mt MoM).
- COAL's production increased a modest 1.7% YoY to 42.1mt (YTD: 3% YoY).
 This though is on expected lines, amid the large inventory lying at its mines.
- While there are uncertainties over demand amid stricter restrictions and rightly so power demand in May'21 was also impacted by unseasonal weather conditions. Over the past fortnight, demand has shown signs of an uptick (+10%), with some normalization in demand from the western region. Inventory at Power plants is still low at 29mt (16 days of consumption) and we expect it to provide support to COAL's offtake.

Signs of a recovery in e-auction realizations

- The onset of COVID-19 in India had come at a time when inventory at both COAL's mines and Power plants were at already high levels. This, coupled with the must-run status of renewables, meant demand for coal bore the brunt of weakened activity. This led to a sharp decline in e-auction realizations.
- With a recovery in demand, e-auction premiums and realizations have shown signs of an improvement. We expect this to eventually seep in (given some lag between allocation and dispatches) and improve as inventory levels at COAL's mines reduce. e-auction realization for COAL | 9MFY21: INR1,488/t, 3Q: INR1,466/t.
- Global thermal coal prices have been on an uptrend (Exhibit 7), which is encouraging for e-auction realizations. We conservatively build in e-auction realizations of INR1,650/t for FY22E (FY21E: INR1,512/t; FY20: INR 2,177/t), but note upside risks if domestic demand and international prices sustain.

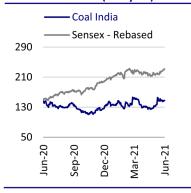
Operating leverage at play; maintain Buy

■ A large proportion of COAL's costs are fixed in nature, with employee cost accounting for ~55% of the company's expenses. Besides COAL has also focused on OBR (overburden removal) activities, thereby utilizing contractual employees (~20% of the company's expenses).

Aniket Mittal (aniket.mittal@motilaloswal.com)

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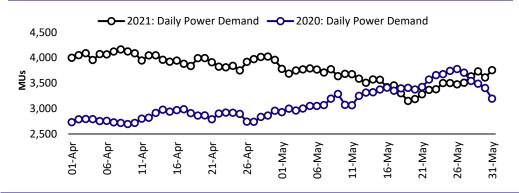
Stock Performance (one-year)



- With improving offtake and realizations, we see a sharp operating leverage coming into play. Notwithstanding any further negative shocks, we expect COAL's profitability to recover sharply in FY22 (+29% YoY). Recovery in demand and funds from the *Atmanirbhar* scheme should help alleviate concerns on stretched receivables.
- At 2.8x FY22E EV/EBITDA and 6.4x FY22P/E, along with a dividend yield of 10%, COAL remains attractively valued and implies a PV of just 10 years of its future cash flows. We maintain a Buy on COAL with a TP of INR180/share, based on 3.5x FY22E EV/EBITDA.

Exhibit 1: Daily Power demand

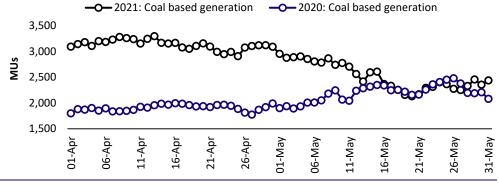
India's Power demand was impacted in mid-May but has started recovering over the past fortnight...



Source: MOFSL, Company

...as has coal-based generation

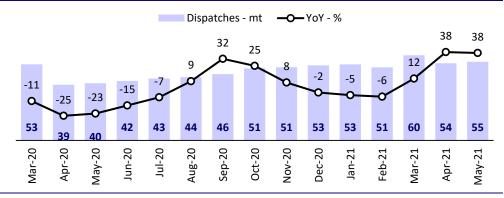
Exhibit 2: Daily coal-based generation



Source: MOFSL, Company

Offtake for COAL remains strong...

Exhibit 3: Coal offtake

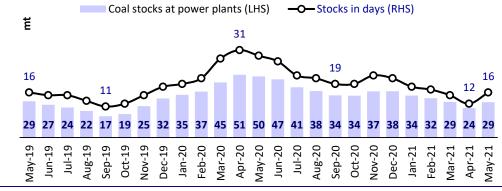


Source: Company, MOFSL

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...aided by some restocking of coal at Power plants

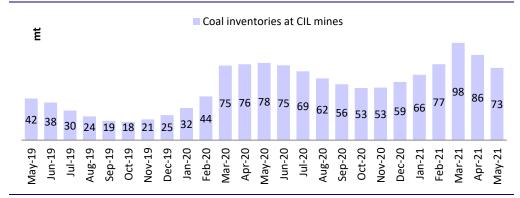
Exhibit 4: Coal stocks at Power plants



Source: CEA, MOFSL

Inventory at COAL's mines has reduced, but remains high v/s usual levels

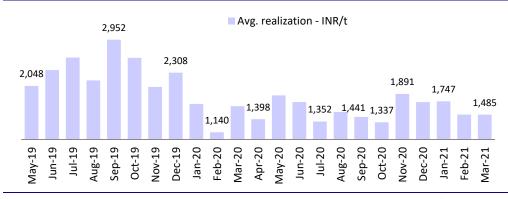
Exhibit 5: Coal stocks at COAL's mines



Source: Company, MOFSL

e-auction realizations – while still low – have shown signs of an improvement

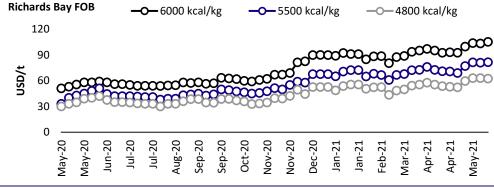
Exhibit 6: e-auction realizations (INR/t)



Source: Industry, MOFSL

Increase in global coal prices provides additional support

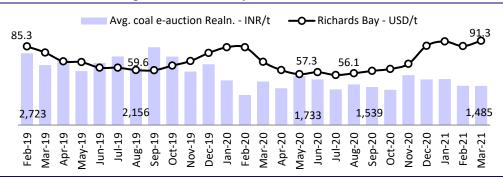
Exhibit 7: Thermal coal prices



Source: Steelmint, MOFSL

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Exhibit 8: Movement in global thermal coal prices and e-auction realizations



Source: Steelmint, Industry, MOFSL

Expect dispatches for COAL to rise as demand normalizes

Exhibit 9: Volumes to recover as Power demand normalizes

	FY16	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E
Power Generation	1,169	1,236	1,303	1,372	1,382	1,373	1,513	1,666
YoY (%)	4.5%	5.8%	5.4%	5.2%	0.9%	-0.6%	10.2%	10.1%
Coal based gen. (b kwh)	862	910	953	989	962	951	1,055	1,165
YoY (%)	7.8%	5.6%	4.7%	3.7%	-2.7%	-1.1%	10.9%	10.4%
Coal India Volumes (mt)	531	543	580	608	581	573	650	705
Growth YoY	8.6%	2.2%	6.8%	4.9%	-4.5%	-1.4%	13.4%	8.5%

Source: Ministry of Power, MOFSL

Exhibit 10: Adjusted P&L

	FY19	FY20	FY21E	FY22E	FY23E
Revenue	995,469	960,803	884,194	1,017,798	1,102,862
Power FSA	640,826	624,312	584,231	659,047	722,211
Non Power FSA	124,788	142,822	117,973	158,313	158,277
E-auction/MoU	229,856	193,669	181,990	200,438	222,373
Sales (mt)	608	581	573	650	705
YoY (%)	4.9	-4.5	-1.4	13.4	8.5
Power FSA	458	426	407	459	505
Share (%)	75	73	71	71	72
Non Power FSA	67	75	65	85	85
E-auction/MoU	83	80	101	106	115
Revenue per ton	1,637	1,653	1,543	1,566	1,564
YoY (%)	10.6	1.0	-6.7	1.5	-0.1
Power FSA	1,399	1,465	1,437	1,435	1,429
Non Power FSA	1,851	1,904	1,815	1,863	1,862
E-auction/MoU	2,777	2,418	1,794	1,899	1,936
Cost of Mining (ex. OB)	694,986	686,176	708,456	755,772	782,134
CoP per ton	1,143	1,181	1,236	1,163	1,109
YoY (%)	1.1	3.3	4.7	-6.0	-4.6
Labor & social OH	644	688	686	639	632
Contract	220	239	280	225	237
R&M	144	146	150	148	149
Others	134	108	120	151	91
Adjusted EBITDA	300,483	274,627	175,738	262,026	320,727
EBITDA per ton	494	473	307	403	455

Exhibit 11: Valuation

	FY18	FY19	FY20	FY21E	FY22E
Adjusted EBITDA	203,089	300,483	274,627	175,738	262,026
Target EV/EBITDA (x)			3.5	3.5	3.5
Target EV			961,195	615,082	922,331
Net debt	-311,085	-316,302	-230,793	-97,162	-184,204
Equity value			1,191,988	712,244	1,106,535
TP (INR/share)					180

Source: Company, MOFSL

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Financials and valuations

Income Statement									(INR M)
Y/E March	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Net Sales	741,201	780,073	783,719	858,624	995,469	960,803	884,194	1,017,798	1,102,862
Change (%)	5.0	5.2	0.5	9.6	15.9	-3.5	-8.0	15.1	8.4
EBITDA	173,354	187,309	123,912	169,507	249,771	219,209	161,489	201,460	252,600
% of Net Sales	23.4	24.0	15.8	19.7	25.1	22.8	18.3	19.8	22.9
Depreciation	23,198	28,259	29,101	30,664	34,504	34,508	35,946	37,671	39,246
Interest	73	3,862	4,117	4,318	2,750	5,029	5,281	5,333	5,387
Other Income	65,706	59,406	55,156	46,583	58,737	61,054	35,487	32,548	31,198
Extra Ordinary	-50	0	0	73,844	0	0	0	0	0
PBT	215,839	214,594	145,850	107,264	271,255	240,725	155,749	191,004	239,165
Tax	78,573	71,719	51,660	37,067	96,625	73,710	44,700	48,133	60,270
Rate (%)	36.4	33.4	35.4	34.6	35.6	30.6	28.7	25.2	25.2
PAT before Min. Int.	137,266	142,876	94,190	70,198	174,630	167,015	111,049	142,871	178,896
Minority Interest									
Reported PAT	137,266	142,876	94,190	70,198	174,630	167,015	111,049	142,871	178,896
Change (%)	-9.2	4.1	-34.1	-25.5	148.8	-4.4	-33.5	28.7	25.2
Adjusted PAT	137,266	142,876	94,190	118,942	174,630	167,015	111,049	142,871	178,896
Change (%)	-14.1	4.1	-34.1	26.3	46.8	-4.4	-33.5	28.7	25.2

Balance Sheet									(INR M)
Y/E March	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Share Capital	63,164	63,164	62,074	62,074	61,627	61,627	61,627	61,627	61,627
Reserves	340,367	285,168	183,194	136,392	202,912	259,942	293,812	343,817	411,797
Net Worth	403,531	348,332	245,268	198,466	264,539	321,569	355,439	405,444	473,424
Minority Interest	658	1,048	3,459	3,625	4,068	3,941	3,941	3,941	3,941
Loans	4,019	11,921	30,078	15,309	22,027	64,260	64,260	64,260	64,260
Defferd tax Liabiity	-19,591	-20,445	-27,328	-53,551	-42,692	-33,110	-33,110	-33,110	-33,110
Capital Employed	388,617	340,855	251,477	163,849	247,943	356,660	390,530	440,535	508,515
Gross Fixed Assets	448,080	234,137	276,883	325,733	401,631	473,802	588,802	703,802	808,802
Less: Depreciation	286,929	26,824	55,984	84,805	115,888	150,397	186,343	224,014	263,260
Net Fixed Assets	161,150	207,314	220,900	240,928	285,742	323,405	402,459	479,788	545,542
Capital Work in Progress	51,594	59,044	103,078	137,710	136,984	127,714	127,714	127,714	127,714
Investments		73	106	3,443	4,622	9,144	9,144	9,144	9,144
Current Assets	873,074	841,406	809,377	839,286	857,149	1,006,843	941,522	992,581	1,075,351
Inventory	61,838	75,692	89,453	64,439	55,839	66,189	84,786	89,232	96,689
Debtors	85,219	114,476	107,359	86,892	54,986	144,082	193,796	153,367	135,969
Other Current Assets	61,808	241,078	285,187	351,324	391,553	490,106	490,106	490,106	490,106
Loans and Advances	105,150	1,024	358	10,238	16,441	11,412	11,412	11,412	11,412
Cash	559,060	409,137	327,021	326,394	338,330	295,053	161,422	248,464	341,174
Current Liabilities	697,201	766,982	881,984	1,057,518	1,036,554	1,110,445	1,090,308	1,168,691	1,249,235
Payables	9,208	32,972	39,002	45,169	68,155	101,076	66,689	84,507	96,924
Other current liabilities	687,994	734,010	842,981	1,012,348	968,399	1,009,370	1,023,619	1,084,184	1,152,311
Net Curr. Assets	175,873	74,424	-72,607	-218,232	-179,405	-103,602	-148,786	-176,111	-173,884
Application of Funds	388,617	340,855	251,477	163,849	247,943	356,660	390,530	440,535	508,515

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Financials and valuations

Cash Flow Statement									(INR M)
Y/E March	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Adj EBITDA*	211,621	215,423	150,634	203,089	300,483	274,627	175,738	262,026	320,727
Non cash exp. (income)	21,428	21,565	37,046	-54,587	10,718	9,569	9,557	9,129	8,722
(Inc)/Dec in WC	6,487	-26,697	60,216	138,450	-48,918	-123,268	-102,697	53,801	22,357
Taxes paid	-95,721	-78,754	-89,427	-74,329	-95,329	-119,463	-44,700	-48,133	-60,270
CF from Operations	143,815	131,538	158,469	212,623	166,955	41,465	37,898	276,823	291,537
Capex	-49,014	-57,857	-86,761	-85,293	-73,393	-56,120	-115,000	-115,000	-105,000
Free Cash Flow	94,801	73,681	71,707	127,330	93,561	-14,654	-77,102	161,823	186,537
(Pur)/Sale of Investments	9,615	-1	-50	-3,332	-1,184	-4,539	0	0	0
Interest/dividend	52,871	50,349	34,642	24,044	31,410	34,573	25,930	23,419	22,475
Other investing activity	-4,529	-83,165	-12,435	-12,795	-10,336	10,846			
CF from Investments	8,943	-90,673	-64,605	-77,377	-53,503	-15,240	-89,070	-91,581	-82,525
Equity raised/(repaid)	0	0	-45,531	0	0	0	0	0	0
Debt raised/(repaid)	1,935	9,902	18,169	-14,778	6,718	22,776	0	0	0
Interest paid	-73	-207	-306	-370	-96	-686	-5,281	-5,333	-5,387
Dividend (incl. tax)	-155,963	-208,302	-151,031	-123,238	-112,110	-96,760	-77,179	-92,866	-110,915
Other financing	3,844	2,732	2,720	2,513	3,972	5,169	·	<u> </u>	· ·
CF from Fin. Activity	-150,257	-195,874	-175,980	-135,873	-101,516	-69,502	-82,460	-98,200	-116,302
Inc/Dec of Cash	2,501	-155,009	-82,116	-626	11,936	-43,277	-133,632	87,043	92,710
Add: Beginning Balance	561,644	564,146	409,137	327,021	326,394	338,330	295,053	161,422	248,464
Closing Balance	564,146	409,137	327,021	326,394	338,330	295,053	161,422	248,464	341,174
Ratios Y/E March	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Basic									
Adjusted EPS	21.7	22.6	15.2	19.2	28.3	27.1	18.0	23.2	29.0
Cash EPS	31.5	31.5	24.2	29.5	42.2	41.7	26.2	39.1	46.5
Book Value	63.9	55.1	39.5	32.0	42.9	52.2	57.7	65.8	76.8
DPS	20.7	27.4	19.9	16.5	13.1	12.0	12.5	15.1	18.0
Payout (incl. Div. Tax.)	112.9	145.5	160.3	103.3	55.5	53.3	69.5	65.0	62.0
Valuation (x)									
P/E	16.7	12.9	19.3	14.8	8.4	5.2	8.2	6.4	5.1
Cash P/E	11.5	9.3	12.1	9.6	5.6	3.4	5.6	3.8	3.2
P/BV	5.7	5.3	7.4	8.9	5.5	2.7	2.6	2.2	1.9
EV/Adj. EBITDA	8.2	6.7	10.1	7.1	3.8	2.3	4.6	2.8	2.0
Dividend Yield (%)	5.7	9.4	6.8	5.8	5.5	8.6	8.5	10.2	12.2
EV /ton of Reserves	79.7	66.6	69.9	66.6	52.7	29.1	37.4	33.4	29.1
Profitability Ratios (%)									
Debtor (Days)	42.0	53.6	50.0	36.9	20.2	54.7	80.0	55.0	45.0
Inventory (Days)	30.5	35.4	41.7	27.4	20.5	25.1	35.0	32.0	32.0
Payables (Days)	4.5	15.4	18.2	19.2	25.0	38.4	27.5	30.3	32.1
Asset turnover(x)	1.9	2.3	3.1	5.2	4.0	2.7	2.3	2.3	2.2
Profitability Ratios (%)									
RoE	34.0	41.0	38.4	35.4	66.0	51.9	31.2	35.2	37.8
RoCE	34.5	39.9	32.7	58.4	85.7	56.4	30.7	35.3	38.5
RoIC	-45.5	-60.6	-40.0	-37.7	-51.7	-83.4	1,053.1	166.2	372.4
Leverage Ratio									
Net Debt/Equity (x)	-1.4	-1.1	-1.2	-1.6	-1.2	-0.7	-0.3	-0.5	-0.6
NCL DEDLY Equity (X)	1.7	1.1	1.2	1.0	1.2	0.7	0.5	0.5	0.0

1 June 2021 6

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				

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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