

Vedanta

Estimate change	\leftarrow
TP change	↓
Rating change	\leftarrow

Bloomberg	VEDL IN
Equity Shares (m)	3717
M.Cap.(INRb)/(USDb)	1022.6 / 12.4
52-Week Range (INR)	341 / 206
1, 6, 12 Rel. Per (%)	-3/-12/-28
12M Avg Val (INR M)	3864
Free float (%)	31.9

Financials & Valuations (INR b)

Y/E March	2023	2024E	2025E
Sales	1,473	1,451	1,478
EBITDA	344.2	395.0	389.1
EBITDA margin	23.4	27.2	26.3
Attr. APAT	107.9	145.4	136.4
Adj. EPS (INR)	29.0	39.1	36.7
EPS Gr (%)	-44.9	34.7	-6.2
BV/Sh. (INR)	106.0	124.1	141.9
Ratios			_
Net D:E	1.1	1.2	0.9
RoE (%)	20.6	34.0	27.6
RoCE (%)	21.5	27.1	23.5
Payout (%)	349.9	50.8	61.0
Valuations			
P/E (x)	9.5	7.0	7.5
P/BV	2.6	2.2	1.9
EV/EBITDA (x)	5.3	5.2	5.1
Div. Yield (%)	36.9	7.2	8.1
FCF Yield (%)	18.8	-1.5	18.4

Shareholding pattern (%)

As On	Mar-23	Dec-22	Mar-22
Promoter	68.1	69.7	69.7
DII	10.3	11.1	11.6
FII	8.0	8.1	9.6
Others	13.6	11.1	9.1

FII Includes depository receipts

CMP: INR275 TP: INR280 (+2%) Neutral

Revenue beats estimate; EBITDA in line

Cost of production set to decline as coal linkage improves

- Vedanta (VEDL)'s consolidated net sales stood at INR379b (down 5% YoY/up 11% QoQ) in 4QFY23, 7% above our estimate of INR353b. Revenue growth was fueled by better performance across all the verticals (especially aluminum, copper and iron ore) during the quarter.
- VEDL's consolidated EBITDA was at INR95b (down 31% YoY/up 34% QoQ) in 4QFY23, in line with our estimate of INR91b. Aluminum vertical grew 93% QoQ to INR19b; HZL was up 15% QoQ to INR43b and iron ore vertical jumped ~5x QoQ to INR3.6b. All the verticals were profitable during the quarter.
- VEDL's APAT stood at INR32b (down 50% YoY/up 106% QoQ) against our estimate of INR37b. The miss was led by higher finance cost and depreciation, partially offset by higher other income and lower taxes.
- LME prices across the non-ferrous portfolio improved QoQ. Zinc/Lead/ Copper/Aluminum prices were up 4%/2%/12%/3% on a QoQ basis.
- The company's sales volumes across the sector improved QoQ (except the oil & gas vertical). Sales for steel/aluminum/zinc/iron ore rose 30%/2%/5%/ 21% in 4QFY23.
- VEDL's net debt stood at ~INR445b and net debt/EBITDA rose to 1.3x in FY23 from 0.5x in FY22.
- Coal linkage for the aluminum business stood at 66% and with the commissioning of Jamkhani mines it should improve further to 80% by end-FY24, thereby lowering CoP in the coming quarters.
- VEDL's total dividend payout for FY23 stood at INR101.5 per share.

Highlights from the management commentary

- On track to be self-sufficient in coal: The company recently commenced its operations at the Jamkhani coal mine and with more mines scheduled to open, VEDL is on track to achieve self-sufficiency in thermal coal. This would be a structural move towards reducing the CoP.
- The Jamkhani mine is currently operating at PRC of 2.6mt and VEDL has submitted the proposal to expand the same to 3.9mt. The expanded capacity should be operational from FY24-25E onwards.
- VEDL has emerged as a successful bidder for Ghogharpalli coal block that has PRC of 20mt and Barra coal block with unexplored reserves.
- Aluminum business: The company continues to focus on volume growth and increasing the share of value-added capacity, which should improve margins. VEDL is undertaking strategic capacity expansions of its alumina as well as aluminum facilities which should add incremental volumes and drive higher share of Aluminum EBITDA in the company's total EBITDA.
- **Record capex:** VEDL has earmarked a record capex of ~USD1.9-2.0b in FY24E, which will augment volumes across verticals.

Research Analyst: Alok Deora (Alok.Deora@MotilalOswal.com)

Research Analyst: Parthiv Deepak Jhonsa (Parthiv.Jhonsa@MotilalOswal.com)

Valuation and view

Globally, commodities market is facing multiple headwinds such as inflationary pressure, weak macroeconomic scenario, recessionary pressures across Europe, liquidity crunch across some developing countries, muted demand pick-up from China and slowdown in Chinese real estate sector.

- We have largely retained our FY24 EBITDA and APAT forecasts. We reiterate our Neutral rating on VEDL with an SoTP-based TP of INR280. At CMP of INR275, the stock is trading at FY24E EV/EBITDA of 5.3x and FY24E P/B multiple of 2.2x.
- While we marginally reduce our aluminum volume and EBITDA/t assumptions, savings from captive/linkage coal should help offset the downtrend.

Quarterly Performance (Consolidated)

(INR b)

												v/s
Y/E March		FY	22			FY	23		FY22	FY23	FY23	Est.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	%
Net Sales	284	304	341	398	386	367	341	379	1,327	1,473	353	7.4
Change (YoY %)	77.9	44.0	50.0	41.2	35.9	20.6	0.0	-4.8	50.8	11.0	-11.3	
Change (QoQ %)	0.7	7.0	12.2	16.8	-3.0	-5.1	-7.0	11.2			3.6	
Total Expenditure	184	200	233	262	284	290	270	285	879	1,129	262	
EBITDA	100.2	103.6	108.1	136.3	102.0	77.0	70.7	94.6	448.2	344.2	91	3.4
Change (YoY %)	150.9	58.7	39.4	50.9	1.8	-25.7	-34.6	-30.6	64.1	-23.2	-32.9	
Change (QoQ %)	10.9	3.4	4.3	26.1	-25.2	-24.5	-8.2	33.8			29.4	
As % of Net Sales	35.3	34.1	31.7	34.2	26.4	21.0	20.7	24.9	33.8	23.4	25.9	
Finance cost	12	11	12	13	12	16	16	18	48	62	15	
DD&A	21	21	23	24	25	26	27	28	89	106	20	
Other Income	7	7	6	6	7	7	7	7	26	29	4	
PBT (before EO item)	75	79	79	105	73	41	35	56	337	205	61	
EO exp. (income)	3	0	1	3	0	-2	-9	13	8	2	0	
PBT (after EO item)	72	78	78	102	73	44	44	43	330	203	61	
Total Tax	19.2	19.9	24.4	29.1	16.7	16.7	13.0	11.3	92.6	57.7	18.2	
% Tax	26.7	25.5	31.3	28.5	23.0	38.4	29.6	26.4	28.1	28.5	30.0	
PAT before Minority	53	58	54	73	56	27	31	31	237	145	42	
Profit from Asso.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Minority interest	10.6	12.0	11.9	14.6	11.7	8.8	6.3	12.5	49.1	39.3	5.2	
Adjusted PAT	45	47	43	62	44	16	16	32	196	108	37	-13.1
Change (YoY %)	333.4	527.3	29.4	-14.5	-1.3	-66.2	-63.4	-47.8	59.4	-44.9		
Change (QoQ %)	-37.9	4.1	-8.4	44.4	-28.3	-64.4	-0.8	106.1				

Sources: MOFSL, Company

Exhibit 1: Business wise EBITDA (INR b)

Y/E March		FY2	2			FY2	3		FY22	FY23	FY23	v/s Est.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	%
EBITDA	100.2	103.6	108.1	136.3	102.0	77.0	70.7	94.6	448.2	344.2	91.5	3.4
Copper	-1.1	-0.4	0.1	0.2	-0.1	0.2	-0.6	0.5	-1.2	0.0	0.2	
Aluminum	37.3	46.5	37.5	52.2	22.5	7.6	9.6	18.6	173.4	58.4	19.7	
Iron ore	7.6	5.6	4.1	5.5	3.6	2.1	0.5	3.6	22.8	9.9	1.0	
Power	3.5	2.6	2.8	1.9	0.8	1.4	2.7	3.6	10.8	8.5	3.7	
Zinc-India	35.6	33.4	43.7	49.6	51.4	44.1	37.1	42.6	162.3	175.1	44.5	
Zinc-Int	4.0	3.0	3.7	4.7	5.9	5.9	3.1	4.4	15.3	19.3	4.0	
Oil & Gas	10.6	13.8	14.9	20.5	20.8	20.2	20.0	16.8	59.9	77.8	18.3	
Steel	2.2	0.7	1.7	2.4	0.9	-0.1	-0.7	3.0	7.0	3.2	0.7	
Others	0.4	-1.6	-0.4	-0.6	-3.9	-4.4	-1.2	1.5	-2.1	-7.9	-0.5	
Change (YoY %)	150.9	58.7	39.4	50.9	1.8	-25.7	-34.6	-30.6	64.1	-23.2	-32.9	
Change (QoQ %)	10.9	3.4	4.3	26.1	-25.2	-24.5	-8.2	33.8			29.4	
As % of Net Sales	35.3	34.1	31.7	34.2	26.4	21.0	20.7	24.9	33.8	23.4	25.9	



Conference call takeaways

Aluminum CoP and capex:

- Aluminum CoP stood at USD2,059/t (down USD90/t), which is expected to reduce further in 1QFY24 with: a) better coal linkages, b) higher operational and buying efficiencies, and c) better volumes.
- The Jamkhani coal mine has commenced operations and the current coal linkages (66%) is expected to improve to 80% by 4QFY24, thus driving CoP further down.
- VEDL is undertaking multiple expansions to enhance the alumina and aluminum capacities at a capex of over USD1b over the next two years.
- VEDL is expanding its Lanjigarh refinery capacity to 5mt from 2mt, which will enhance the captive alumina security. To meet the bauxite requirement, VEDL has recently emerged as a successful bidder for Sijimalli bauxite mines with proven reserves of ~311mt.
- The company is also undertaking expansion at Balco and debottlenecking to expand its aluminum capacity to 3mt that will be commenced in phases from 1QFY25E.
- VEDL will enhance its VAP portfolio to 90% from 60% that will ensure higher margins across the products.
- It is on track to achieve self-sufficiency in thermal coal and expects the Kurloi North 8mt mine to commence from 4QFY24, Radhikapur (W) 6mt mine to commence from 1QFY25 and Ghogharpalli 20mt mine to start from 2QFY25.
- VEDL commissioned 120ktpa billet line at Jharsuguda and will eventually ramp it up to 580ktpa.

Ferro vertical:

- Commissioned the new 60ktpa furnace that has enhanced the total capacity to 140ktpa.
- Further expansion will be undertaken in phases, which will enhance the ferrochrome capacity to 300ktpa and eventually to 450ktpa.

Other verticals:

- Hot metal capacity at ESL will be enhanced to 3mt by 1QFY25E from 1.5mt.
- VEDL will undertake seismic acquisition across Northeast, Cambay, Rajasthan and offshore basins. The company is also exploring 10 wells, which are expected to have 250mmboe of R&R.
- Opencast mine at Gamsberg will expand to 8mt under Phase II that will ensure additional 200ktpa MIC.
- Karnataka ROM production is likely to enhance to 7.2mt from 6mt and Bicholim mines are expected to be operational in the second half of FY24.
- All the expansions are on track and the total capex earmarked for FY24 stands at ~USD1.9-2b

Dividend:

- For FY23, the Board has declared a dividend of INR101.5 per share.
- No guidance on future dividend payment has been provided.

Debt and cash balance:

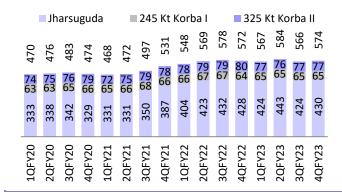
- Net debt stood at INR445b (up 115% YoY) due to: a) dividend payout and b) higher capex.
- Cash and cash equivalent stood at INR218b.
- VEDL's Net debt/EBITDA was at 1.3x (up from 0.5x in Dec '22).
- The average maturity of debt has been 3.5 years and the average RoI, which debt carries, stands at ~7.8%

Debt at HoldCo (Vedanta's promoter entity):

- The total upcoming debt, which is due for repayment/refinancing in next two months, is USD750m and USD2b for FY24 (including USD750m).
- Management is committed to repay/refinance the entire amount at the HoldCo level and has already deleveraged USD2b YTD and USD3b to date.
- HoldCo will adhere to its commitment of USD4b total deleveraging target.
- The Zinc asset sale to Hindustan Zinc is still being worked on and the company is working on several alternatives to get this deal completed.

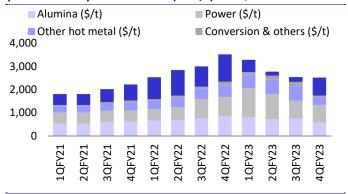
Story in charts

Exhibit 1: Aluminum production (kt) – highest ever aluminum production at 2,291kt in FY23



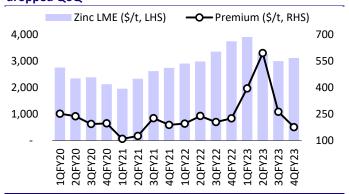
Sources: Company, MOFSL

Exhibit 2: Break-up of Aluminum cost and EBITDA – lower power cost improved EBITDA (USD/t) in 4QFY23



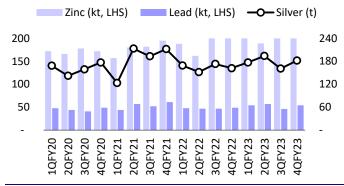
Sources: Company, MOFSL

Exhibit 3: Zinc LME v/s Premium (USD/t) – premium has dropped QoQ



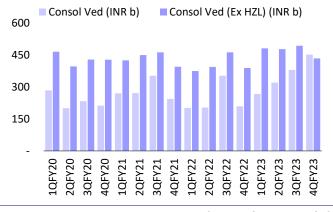
Sources: Company, MOFSL

Exhibit 4: Zinc India volumes (kt) – zinc, lead and silver volumes were up QoQ



Sources: Company, MOFSL

Exhibit 5: Net debt at Vedanta Consol and ex-HZL (INR b) – incremental increase in debt was due to HZL and Cairn India



Sources: Company, MOFSL

Exhibit 6: Dividend per share – Board declared INR101.5 per share as dividend in FY23

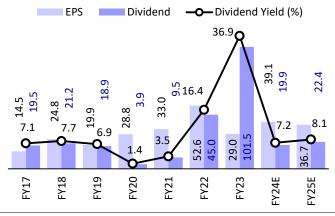


Exhibit 7: EBITDA breakdown by division (INR b)



Sources: Company, MOFSL

Exhibit 8: ROE and RoCE likely to improve in FY24E after touching a low in FY23

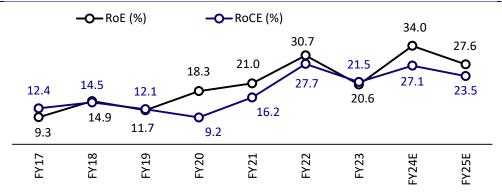


Exhibit 9: Entity-wise debt and cash movements (INR b)

Entity wise Debt	UoM	1QFY22	2QFY22	3QFY22	4QFY22	1QFY23	2QFY23	3QFY23	4QFY23
Gross Debt									
Vedanta Limited	INR b	278	305	338	367	452	453	452	420
Cairn India Holdings Ltd	II .	28	28	28	16	16	10	9	27
Zinc India	"	67	46	100	28	28	21	51	118
Zinc International	II .	2	1	3	0	-	-	-	-
BALCO	II .	28	20	36	11	10	10	11	11
TSPL	"	73	73	74	70	70	69	69	64
ESL	"	-	-	-	27	26	25	24	23
Vedanta Star	"	-	-	-	-	-	-	-	-
Others	"	41	38	44	11	10	-2	-1	-1
Consolidated Vedanta	INR b	516	510	624	531	611	586	616	662
Cash and LI									
Vedanta Limited	INRb	22	17	30	71	49	40	34	74
Cairn India Holdings Ltd	"	20	21	11	14	29	20	14	16
Zinc India	"	239	237	211	208	243	178	165	101
Zinc International	"	5	5	4	6	8	13	11	7
BALCO	"	17	16	7	7	4	4	4	5
TSPL	"	2	4	1	1	0	1	1	1
ESL	II .	=	-	-	-	3	4	2	3
Vedanta Star	II .	=	-	-	9	-	-	-	-
Others	"	8	7	7	6	8	5	5	4
Consolidated Vedanta	INR b	313	307	271	321	343	265	235	209
Net Debt									
Vedanta Limited	INR b	255	288	308	296	403	413	419	347
Cairn India Holdings Ltd	"	8	7	17	2	-13	-10	-6	11
Zinc India	"	-172	-191	-110	-180	-214	-157	-114	18
Zinc International	"	-3	-3	-1	-6	-8	-13	-11	-7
BALCO	"	11	3	29	4	7	6	7	7
TSPL	"	71	69	73	69	69	67	69	63
ESL	"	-	-	-	27	23	21	22	20
Vedanta Star	"	-	-	-	-9	-	-	-	-
Others	II .	32	31	38	5	2	-7	-6	-5
Consol Ved (INR b)	INR b	203	204	354	210	268	321	381	453
Consol Ved (Ex HZL) (INR b)	INR b	375	395	464	389	482	478	495	435

Sources: Company MOFSL

Exhibit 10: Aluminum business summary – INR m

Y/E March		FY2	22			FY2	23		FY22	FY23
	1Q	2Q	3Q	4Q	1QE	2Q	3Q	4Q		
Revenue	1,02,630	1,21,190	1,30,240	1,54,750	1,46,440	1,34,860	1,18,770	1,23,960	5,08,810	5,24,030
Production (kt) ex trial	548	569	578	572	567	584	566	574	2,269	2,291
Jharsuguda	404	423	432	428	424	443	424	430	1,687	1,721
Balco	144	146	146	144	143	141	142	144	582	570
NSR (USD/t)	2,538	2,874	3,012	3,593	3,341	2,898	2,555	2,627	3,010	2,847
Premium over LME (%)	6.0	8.5	9.0	10.4	16.2	23.1	9.9	9.7	8.5	14.5
EBITDA	37,250	46,470	37,470	52,180	22,510	7,610	9,640	18,610	1,73,370	58,370
EBITDA/t	945	1,102	874	1,183	524	164	209	391	1,026	322

Exhibit 11: Oil & Gas - INR m

Y/E March		FY2	2			FY2	3		FY22	FY23
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
Gross volumes - kbpd	165	165	159	154	148	140	145	137	167	142
Rajasthan	139.8	141.8	136.8	132.4	127.8	120.8	118.3	112.5	143.5	119.9
Ravva	14.7	14.3	14.5	13.2	11.0	10.0	13.1	13.2	14.3	11.8
Cambay	10.4	9.3	7.9	8.1	9.2	9.7	13.3	10.9	8.9	10.8
Working interest - kbpd	105.9	106.7	102.7	99.5	96.2	91.2	91.6	86.9	107.8	91.5
Revenue - INR m	24,850	18,920	31,130	39,400	40,830	38,690	38,100	32,760	1,24,300	1,50,380
EBITDA - INR m	10,640	13,840	14,920	20,520	20,810	20,180	20,040	16,790	59,920	77,820

Sources: Company, MOFSL

Exhibit 12: Iron Ore - INR m

Y/E March		FY22	2			FY23		FY22	FY23	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
Sales Qty ('000 dmt)	1,700	1,300	1,500	2,300	1,260	1,300	1,400	1,700	6,800	5,660
Net Sales	15,760	14,920	14,160	18,660	13,670	15,060	14,110	22,190	63,500	65,030
EBITDA	7,620	5,590	4,100	5,490	3,630	2,130	540	3,580	22,800	9,880

Sources: Company, MOFSL

Exhibit 13: Power - INR m

Y/E March		FY2	2			FY2	3E		FY22	FY23
	1Q	2Q	3Q	4Q	1QE	2Q	3Q	4Q		
Sales (m kwh)	2,716	2,904	3,448	2,803	3,577	3,615	3,615	4,026	11,871	14,833
S/A Jha. 600 MW (Jharsuguda)	545	760	755	0	837	634	736	841	2,060	3,048
Subs	2,171	2,144	2,693	2,803	2,740	2,981	2,879	3,185	9,811	11,785
Balco 600MW	409	199	279	251	0	14	178	456	1,139	648
HZL Wind Power	134	155	59	66	150	124	50	71	414	395
TSPL	1,628	1,790	2,355	2,486	2,590	2,843	2,651	2,658	8,258	10,742
TSPL PAF (%)	59	60	92	93	77	88	85	77	76	82
Revenue	12,250	12,760	16,380	16,870	16,930	18,440	16,930	18,940	58,260	71,240
EBITDA	3,460	2,640	2,830	1,890	810	1,410	2,710	3,580	10,820	8,510

Sources: Company, MOFSL

Exhibit 14: Operational Performance – Zinc India (INR b)

Y/E March		FY22	2			FY	23		FY22	FY23	FY23	vs Est.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4Q	%
Net Sales	65	61	80	88	94	83	79	85	294	341	85	0.6
Change (YoY %)	63.7	8.2	32.4	26.6	43.7	36.2	-1.6	-3.3	30.1	15.8	-3.9	
Change (QoQ %)	-6.0	-6.3	30.5	10.1	6.7	-11.2	-5.6	8.2			7.5	
EBITDA	36	33	44	50	51	44	37	43	162	175	44	-4.3
Change (YoY %)	125.8	13.0	33.7	28.0	44.4	32.1	-15.2	-14.2	39.0	7.9	-10.4	
Change (QoQ %)	-8.3	-6.3	31.0	13.5	3.5	-14.2	-15.9	14.8			20.0	
As % of Net Sales	54.5	54.5	54.7	56.4	54.7	52.9	47.1	50.0	55.1	51.3	52.6	
Finance cost	1	1	1	1	0	1	1	2	3	3	1	
DD&A	7	7	7	8	7	8	8	9	29	33	9	
Other Income	3	3	3	3	3	4	3	4	12	14	2	
PBT (before EO item)	32	29	39	44	47	39	32	35	142	153	37	
EO exp. (income)	1	0	0	0	0	0	0	0	1	0	0	
PBT	30	29	39	44	47	39	32	35	141	153	37	
Total Tax	10	8	12	14	16	12	10	9	45	48	9	
% Tax	34.4	29.5	30.0	32.8	33.8	31.7	32.3	26.3	31.7	31.2	25.2	
Reported PAT	20	20	27	29	31	27	22	26	96	105	28	
Adjusted PAT	21	20	27	29	31	27	22	26	98	105	28	-6.6
Change (YoY %)	55.8	4.0	22.8	17.9	46.1	32.9	-20.2	-11.8	22.3	7.7	-5.6	
Change (QoQ %)	-14.8	-4.7	33.9	8.4	5.6	-13.3	-19.6	19.8			28.3	

Exhibit 15: Changes to our assumptions and key financials

	Units		FY23		FY24E			FY25E			
		New	Old	% change	New	Old	% change	New	Old	% change	
Sales volume											
Copper	kt	147	147	0%	147	147	0%	147	147	0%	
Aluminum Division	"	2,275	2,276	0%	2,333	2,446	-5%	2,308	2,409	-4%	
Hindustan Zinc											
- Zinc	"	821	810	1%	841	833	1%	843	843	0%	
- Lead	"	211	214	-1%	263	261	1%	278	278	0%	
- Silver	tonnes	714	712	0%	722	784	-8%	837	837	0%	
Zinc International	kt	255	256	0%	372	372	0%	372	372	0%	
Iron ore	kt	5,660	5,760	-2%	7,200	7,200	0%	6,750	6,750	0%	
Oil	Kboepd	142	144	-1%	136	144	-5%	129	139	-7%	
EBITDA/t											
- Hindustan Zinc	\$/t	2,112	2,143	-1%	2,097	2,017	4%	2,114	1,965	8%	
- Aluminum	"	322	324	-1%	414	427	-3%	493	630	-22%	
- Zinc International	"	944	913	3%	680	677	0%	647	645	0%	
Change in consolidate	d Financials										
Revenue	INR b	1,473	1,447	2%	1,451	1,490	-3%	1,478	1,568	-6%	
EBITDA	"	344	341	1%	395	379	4%	389	397	-2%	
Adj PAT	"	108	113	-4%	145	138	5%	136	150	-9%	
EPS	INR/sh	29.0	30.3	-4%	39.1	37.1	5%	36.7	40.4	-9%	

Source: Company, MOFSL

Exhibit 16: SoTP valuation

(INR b)	EBITDA	EV	EV	Per	
	FY24E	EBITDA (x)	FY24E	Share	
VEDL (ex HZL)					
Copper	1	4.0	3	1	
Aluminum	81	5.0	407	109	
Iron ore	9	4.0	36	10	
Steel	12	4.0	50	13	
Power(TSPL)	7	DCF	48	13	
Power(other)	3	4.0	11	3	
Zinc-Int	21	5.0	107	29	
Oil & Gas	72	4.0	290	78	
Sub. Tot.	207	4.6	952	256	
Less: Net Debt			570	153	
Equity Value			381	103	
Hind. Zinc					
HZL	195	6.0	1,173	315	
Add: Net Cash			97	26	
Equity Value			1,270	341	
INR/share (HZL)			300		
VEDL			INR b	INR/sh	
HZL@64.9% (20% Hold Co. discount)			659	177	
VEDL (ex HZL)			381	103	
Equity value			1,041		
Shares outstanding (b)			3.7		
Target price (INR/sh)			280		

Exhibit 17: P/B ratio is near to +1SD

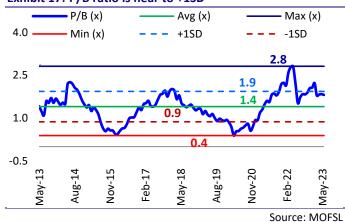


Exhibit 18: EV/EBITDA is lower than LTA



Exhibit 19: Global comparable valuation

Sources: MOFSL, Bloomberg. (*) denotes MOFSL estimates

Exhibit 20: Global comparable valuation

	M-Cap	P/E (x)		EV/EBITDA (x)			P/B (x)			RoE (%)			
		CY21/	CY22/	CY23/	CY21/	CY22/	CY23/	CY21/	CY22/	CY23/	CY21/	CY22/	CY23/
Company	USD m	FY22	FY23	FY24	FY22	FY23	FY24	FY22	FY23	FY24	FY22	FY23	FY24
Vedanta*	12,440	5.2	9.5	7.0	3.5	5.3	5.2	1.6	2.6	2.2	30.7	20.6	34.0
ВНР	1,46,298	6.9	10.0	10.4	3.7	5.1	5.1	2.9	3.2	3.0	41.2	33.6	31.2
Rio	1,03,207	7.1	8.0	8.5	4.0	4.4	4.5	1.9	1.8	1.7	27.1	22.7	19.4
Glencore	67,359	3.7	6.7	7.4	2.6	3.4	3.5	1.4	1.4	1.4	43.0	20.2	19.5
Anglo	38,926	6.0	7.1	7.6	3.6	3.8	4.0	1.2	1.2	1.1	22.5	16.9	14.4
South 32	12,162	4.9	9.4	8.3	2.6	4.2	3.7	1.2	1.1	1.0	26.2	12.0	12.4

Sources: MOFSL, Bloomberg. (*) denotes MOFSL estimates

Financials and valuations

Income Statement (Consolidated)									INR b
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Net Sales	722	919	920	844	880	1,327	1,473	1,451	1,478
Total Expenses	509	667	689	638	607	879	1,129	1,056	1,089
EBITDA	213	252	231	207	273	448	344	395	389
EBITDA attribute	176	203	189	173	219	368	277	313	311
DDA	63	63	82	91	76	89	106	102	106
EBIT	150	189	149	116	197	359	239	293	283
Finance cost	59	58	57	50	52	48	62	67	60
Other income	46	36	40	25	34	26	29	28	17
PBT	138	167	132	91	179	337	205	255	241
Tax	38	57	39	-35	22	93	58	71	67
Rate (%)	27.4	34.4	29.2	-38.5	12.2	27.4	28.2	28.0	28.0
PAT	100	109	94	126	157	245	147	183	173
EO expense /Income	1	-8	-3	-170	-7	-8	-2	0	0
PAT (after EO)	99	118	97	-43	150	237	145	183	173
Attrib. PAT (after MI & asso)	54	92	74	107	123	196	108	145	136
Change (YoY %)	-74.9	70.9	-19.9	45.2	14.5	59.4	-44.9	34.7	-6.2

Cash Flow Statement									INR b
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
EBITDA	213	252	231	207	273	448	344	395	389
Non cash exp. (income)	2	7	11	7	18	6	4	0	0
(Inc)/Dec in Wkg. Cap.	-7	-30	-8	-5	13	-48	46	-191	-3
Tax paid	-20	-32	-26	-11	-21	-57	-64	-64	-60
CF from Op. Activity	187	197	208	198	282	350	331	140	326
(Inc)/Dec in FA + CWIP	-55	-74	-89	-77	-69	-105	-138	-155	-138
Free Cash Flow	132	124	119	121	213	245	193	-15	188
(Pur)/Sale of Investments	27	14	42	42	9	47	92	0	0
Interest & Dividend Income	11	14	9	8	20	19	17	28	17
Investment in subsidiaries	-30	-9	-69	-5	0	0	-3	0	0
Others	0	0	0	0	0	-42	-91	22	22
CF from Inv. Activity	-47	-55	-107	-31	-40	-81	-122	-105	-99
Equity raised/(repaid)	-1	-2	-1	-1	0	0	0	0	0
Debt raised/(repaid)	91	-190	106	-92	-139	-27	149	-10	-10
Dividend (incl. tax)	-129	-168	-118	-14	-91	-193	-411	-79	-88
Interest paid	-62	-57	-60	-53	-53	-53	-55	-67	-60
Others	0	1	-1	0	1	0	0	0	0
CF from Fin. Activity	-101	-415	-74	-161	-283	-273	-317	-156	-158
(Inc)/Dec in Cash	40	-273	28	6	-40	-4	-108	-121	69
Add: Opening Balance	570	610	338	365	372	331	327	219	98
Closing Balance	610	338	365	372	331	327	219	98	168

Financials and valuations

Ratios Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)	F11/	L110	F113	F120	FIZI	FIZZ	F123	FIZHE	FIZJE
EPS	14.5	24.8	19.9	28.8	33.0	52.6	29.0	39.1	36.7
Cash EPS	31.4	41.7	41.9	53.3	53.5	76.5	57.4	66.4	65.1
BV/Share	162.7	170.7	167.5	146.9	167.4	175.8	106.0	124.1	141.9
DPS	19.5	21.2	18.9	3.9	9.5	45.0	101.5	19.9	22.4
Payout (%)	134.0	85.5	95.0	13.5	28.8	85.5	349.9	50.8	61.0
Valuation (x)	154.0	05.5	33.0	13.3	20.0	03.5	343.3	30.0	01.0
P/E	18.9	11.1	13.9	9.5	8.3	5.2	9.5	7.0	7.5
Cash P/E	8.7	6.6	6.6	5.2	5.1	3.6	4.8	4.1	4.2
	1.7	1.6	1.6	1.9	1.6	1.6	2.6	2.2	1.9
P/BV (inclgoodwill) EV/Sales	1.7	1.6	1.7	1.8	1.6	1.0	1.0	1.1	1.1
	8.0	7.3	8.2	8.6	6.5	3.5	5.3	5.2	5.1
EV/EBITDA Dividend Yield (%)	7.1	7.3		1.4		16.4		7.2	8.1
	7.1	7.7	6.9	1.4	3.5	10.4	36.9	7.2	8.1
Return Ratios (%)	20 5	27.4	25.4	24 5	31.0	33.8	22.4	27.2	26.3
EBITDA Margins	29.5		25.1	24.5			23.4		
Net Profit Margins	7.5	10.0	8.0	12.7	14.0	14.7	7.3	10.0	9.2
RoE	9.3	14.9	11.7	18.3	21.0	30.7	20.6	34.0	27.6
RoCE (pre-tax)	12.4	14.5	12.1	9.2	16.2	27.7	21.5	27.1	23.5
RoIC (pre-tax)	15.2	17.5	12.3	10.0	18.3	33.9	24.6	28.6	24.8
Working Capital Ratios	0.0	1.0	0.0	0.0	1.0	4.4	4.5	4.5	4.5
Fixed Asset Turnover (x)	0.9	1.0	0.9	0.9	1.0	1.4	1.5	1.5	1.5
Receivable (Days)	17	21	30	25	28	22	16	28	28
Inventory (Days)	49	48	52	49	41	39	37	45	45
Trade payable (Days)	36	33	37	35	33	59	61	33	33
Leverage Ratio (x)									
Current Ratio	2.7	2.3	2.0	2.1	1.9	1.4	1.0	1.0	1.1
Interest Cover Ratio	3.4	3.9	3.3	2.8	4.4	8.0	4.3	4.8	5.0
Net Debt/EBITDA	1.4	1.5	2.0	1.9	1.3	0.5	1.3	1.4	1.3
Net Debt/Equity	0.5	0.6	0.8	0.7	0.6	0.3	1.1	1.2	0.9
Balance Sheet (Consolidated)									INR b
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Share Capital	4	4	4	4	4	4	4	4	4
Reserves	601	631	619	543	619	650	391	458	524
Net Worth	605	635	623	546	623	654	394	461	528
Total Loans	906	725	835	757	686	534	665	669	655
Deferred Tax Liability	-54	-9	10	-40	-36	-7	-26	-18	-11
Capital Employed	1,597	1,511	1,621	1,435	1,423	1,355	1,133	1,235	1,317
Gross Block	1,641	1,810	2,176	2,182	2,281	2,392	2,525	2,641	2,736
Less: Accum. Deprn.	775	848	1,185	1,276	1,352	1,441	1,547	1,648	1,754
Net Fixed Assets	866	962	991	907	929	951	978	993	981
Capital WIP	177	161	222	168	139	142	174	214	257
Investments	1	2	49	1	2	2	5	5	5
WC. Assets	872	674	723	691	729	840	721	653	705
Inventory	96	120	132	113	99	143	150	179	182
Account Receivables	34	53	77	58	66	82	65	111	113
Cash and Bank Balance	610	338	365	372	331	327	219	98	168
Loans and advances	131	163	149	148	232	288	286	264	242
WC Liebility & Brow	210	207	265	222	232	200	745	630	621

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1,621

1,435

1,423

1,355

-24

1,133

1,235

1,317

1,597

1,511

WC. Liability & Prov.

Provisions & Others

Trade payables

Net WC. Assets

Appl. of Funds

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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Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

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