

#### Vedanta Resources plc

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11 April 2018

## Vedanta Resources Plc Production Release for the Fourth Quarter and Full Year ended 31 March 2018

## Record annual production at Zinc India and Aluminium

## Highlights

## **Operations:**

- Zinc India:
  - Record annual production of refined zinc-lead at 960 kt
  - Record annual production of refined silver at 17.9 million ounces
  - On track for ramp up of mined metal to 1.2 mt by FY2020
- Zinc International:
  - Annual production in line with guidance
  - Gamsberg project on track with production expected by mid CY 2018
- Oil & Gas:
  - Q4 FY2018 average daily gross operated production at 190,000 boepd with an exit rate of over 200,000 boepd
  - Growth projects on track to enable significant volume growth in FY2019
- Aluminium
  - Record annual production of aluminium at 1.7 mt; exit run rate of c.2.0 mtpa
- Copper India:
  - Annual production of cathodes at 403 kt
  - Tuticorin II 400 kt expansion project on track
- Copper Zambia
  - Annual mined metal production at 91 kt, 3% lower y-o-y; custom volumes at 111 kt
- Power:
  - 1,980 MW TSPL plant achieved availability of 93% in Q4 FY2018
- Iron Ore:
  - Increase in company-wise mining cap allocation in Karnataka expected in Q1 FY2019

## Corporate and Financial Update:

- Announcement of a record interim dividend of c. \$1.2 billion in March 2018 by Vedanta Limited, of which c. \$600 million received by Vedanta Resources Plc
- Vedanta Limited was declared successful resolution applicant by the Committee of Creditors for Electrosteel Steels Limited under the Corporate Insolvency Resolution Process of the Insolvency and Bankruptcy Code, 2016 (IBC)
- Likely impairment ranging from \$500-600 million (net of taxes) on Supreme Court judgement to stop mining operations in the State of Goa, effective March 16, 2018
- The Company is reviewing the carrying value of its Oil and Gas assets. This is in view of the key growth projects that have been awarded which are expected to result in enhanced recovery of resources. Any impact on account of these changes will be a non-cash reversal of past period impairment charge and would be reflected in the results for FY2018.
- Moody's upgraded the Corporate Family Rating of the Company from B1 to Ba3 in November 2017 and the rating on its Senior Unsecured Bonds to B3 from B2

Kuldip Kaura, Chief Executive Officer, Vedanta Resources plc, said: "Vedanta performed very well during the year as we continue to post strong production results at a number of our business units, in line with our strategy to ramp up across our asset base. We had record production at Zinc India and Aluminium whilst making good progress on the growth projects announced in our Oil & Gas business."

## Oil & Gas

		Q4		Ç	23		Full Year	
Particulars	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY
OIL AND GAS								
Average Daily Total Gross Operated Production (boepd) <sup>1</sup>	200,032	194,343	3%	193,647	3%	195,150	199,574	(2)%
Average Daily Gross Operated Production (boepd)	190,172	184,585	3%	184,133	3%	185,587	189,926	(2)%
Rajasthan	162,357	157,338	3%	157,096	3%	157,983	161,571	(2)%
Ravva	16,271	17,769	(8)%	16,876	(4)%	17,195	18,602	(8)%
Cambay	11,543	9,477	22%	10,161	14%	10,408	9,753	7%
Average Daily Working Interest Production (boepd)	121,929	117,926	3%	117,828	3%	118,620	121,186	(2)%
Rajasthan	113,650	110,137	3%	109,967	3%	110,588	113,100	(2)%
Ravva	3,661	3,998	(8)%	3,797	(4)%	3,869	4,185	(8)%
Cambay	4,617	3,791	22%	4,064	14%	4,163	3,901	7%
Total Oil and Gas (million boe)								·
Oil & Gas- Gross	17.1	16.6	3%	16.9	1%	67.7	69.3	(2)%
Oil & Gas-Working Interest	11.0	10.6	3%	10.8	1%	43.3	44.2	(2)%

## Fourth quarter FY 2018 vs. previous quarters

Average gross production during Q4 FY2018 across assets was 190,172 barrels of oil equivalent per day (boepd), higher by 3% q-o-q and y-o-y. The segment exited the end of March 2018 with gross production run-rate of over 200,000 boepd (excluding internal gas consumption). All three blocks – Rajasthan, Ravva and Cambay continued to record a plant uptime of over 99%.

Gross production from the Rajasthan block averaged 162,357 boepd for the quarter, 3% higher q-o-q and y-o-y. This is primarily due to new wells added as part of Mangala infill campaign and ramp up of RDG Phase I. Of the 15 wells, Mangala infill campaign that commenced in Q2 FY2018, 13 wells have been brought online. Gas production from RDG averaged 44 mmscfd in Q4 FY2018 (36 mmscfd in Q3 FY2018), with gas sales, post captive consumption, at 29 mmscfd (21 mmscfd in Q3 FY2018). Gross production from Development Area-1 (DA-1), Development Area-2 (DA-2) and Development Area-3 (DA-3) averaged 145,338 boepd, 16,773 boepd and 246 boepd respectively.

The Ravva block produced at an average rate of 16,271 boepd for the quarter, down 4% qoq and 8% yoo due to the natural field decline.

The Cambay block reported an average production rate of 11,543 boepd for the quarter, up 14% q-o-q and 22% y-o-y on account of a successful infill drilling campaign and effective reservoir management practices that were carried out during the quarter.

The execution of growth projects announced in November 2017 is progressing as per plan with key contracts already in place. Progress on individual projects is set out below:

• Enhanced Oil Recovery: Rigs at Bhagyam and Aishwariya have been mobilized; drilling expected to commence during April 2018

- Tight Oil & Gas Project: Rigs at Aishwariya Barmer Hill and RDG have been mobilized; drilling expected to commence from April 2018. Contract awarded for RDG tight gas facilities
- Rajasthan Exploration: Drilling contract awarded; drilling expected to commence from June 2018
- KG Offshore: Rig has been mobilized; drilling expected to commence from April 2018

### Financial Year 2018 vs. Financial Year 2017

Gross production declined 2% y-o-y primarily due to natural field decline, partially offset by volume ramp up from infill wells in Mangala and Cambay and continued effective reservoir management practices across assets.

## Zinc India

Particulars (in'000 tonnes, or as		Q4		Q	23	Full Year			
stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
ZINC INDIA									
Mined metal content	255	312	(18)%	240	6%	947	907	4%	
Refined Zinc Integrated	206	215	(4)%	200	3%	791	672*	18%	
Refined Lead - Integrated <sup>2</sup>	50	45	11%	46	9%	168	139	21%	
Silver - Integrated (in mn ounces) 3	5.5	4.5	22%	4.3	28%	17.9	14.5	23%	

<sup>\*</sup> *Including custom production of 2kt.* 

## Fourth quarter FY2018 vs. previous quarters

Q4 FY2018 recorded the highest ever production of mined metal from underground mines. The total mined metal production in Q4 FY2018 was 255,000 tonnes, up 6% q-o-q and down 18% y-o-y. The sequential increase was due to higher ore grades while the y-o-y decrease was driven primarily by decline in overall ore grades due to mine mix.

Integrated zinc metal production was 206,000 tonnes, 3% higher q-o-q and 4% lower y-o-y in line with availability of mined metal. The Company recorded highest ever lead and silver metal production during the quarter. Integrated lead metal production was at 50,000 tonnes, 9% higher q-o-q and 11% higher y-o-y on account of higher smelter efficiency. Integrated silver production was at 5.5 million ounces (170 tonnes), up 28% sequentially on higher silver grades and conversion of inventory and up 22% y-o-y in line with higher production from Sindesar Khurd mine.

The underground production at Rampura Agucha continues to ramp up strongly and it achieved an ore production run-rate of 3.0 mtpa during the quarter. The south ventilation shaft system was commissioned during the quarter. Off shaft development is on track and production is expected to start in Q3 FY2019.

During the quarter, Sindesar Khurd's main shaft was equipped and winder installation work commenced. Production from the shaft is expected to start as per schedule in Q3 FY2019. Civil and structure erection for the new 1.5 mtpa mill is ongoing and is expected to

be commissioned in Q2 FY2019. During the quarter, orders were placed for paste fill plants for both Rampura Agucha and Sindesar Khurd mines.

MoEF has given environmental clearance for expansion of ore production at Kayad mine from 1.0 to 1.2 mtpa. At Zawar mine, civil construction work for the new 2.0 mtpa mill is progressing well with commissioning expected by Q4 FY2019. The Fumer project is progressing as per schedule and expected to commission in mid-FY2019.

We are on track for ramp up of mined metal production to 1.2 mt by FY2020.

## Financial Year 2018 vs. Financial Year 2017

The production of mined metal and refined metal for the year were the highest ever and in line with guidance provided at the beginning of the year.

Mined metal production for FY2018 was 947,000 tonnes, 4% higher y-o-y. This was driven by higher ore production from underground mines, partly offset by lower opencast mine production and ore grades.

Integrated zinc, lead and silver production were higher by 18% y-o-y, 21% y-o-y and 23% y-o-y respectively, in line with consistent availability of mined metal.

## Zinc - International

		Q4		Ç	Q3	Full Year			
Particulars (in'000 tonnes, or as stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
ZINC INTERNATIONAL	35	41	(14)%	47	(25)%	157	156	-	
Zinc -refined -Skorpion	22	21	3%	26	(15)%	84	85	(1)%	
Mined metal content - BMM	13	20	(33)%	21	(37)%	72	70	3%	

#### Fourth quarter FY 2018 vs. previous quarters

Total production for Q4 FY2018 was 35,000 tonnes, lower 14% y-o-y and 25% q-o-q.

Skorpion production was 22,000 tonnes, 3% higher y-o-y due to high zinc grade and 15% lower q-o-q on account of early closure of Pit 103 for geo-technical reasons and blending of lower zinc grade stockpile and high calcium ore.

BMM MIC production at 13,000 tonnes, lower 33% y-o-y and 37% q-o-q. This was due to long hole drilling challenges and rescheduling of the year production resulting in lower grade mined in Q4 FY2018.

At Gamsberg, we are on track for the cold commissioning of the concentrator plant in Q1 FY2019 with production expected to commence in mid CY2018. The ore extraction from the South Pit is on track and till date we have completed 80% of pre-stripping with 56 million tonnes of waste excavation. Completion of mechanical equipment erection and

infrastructure for power and water pipeline for the concentrator are in progress. We are targeting 500 kt of ore stockpile is targeted ahead of first feed to the concentrator plant.

At Skorpion, the pit 112 extension project is progressing well and waste stripping has ramped up to its peak run-rate. ~45% of waste stripping has been completed by the end of Q4 FY2018 and is expected to be fully complete by Q4 FY2019 as per schedule. Pit redesign is in progress to reduce waste stripping by 8 million tonnes and optimize project cost. This project will increase Skorpion's mine life by another 2.5 years and contribute 250,000 tonnes of metal over this period.

#### Financial Year 2018 vs. Financial Year 2017

Total production was 157,000 tonnes, in line with previous year. Higher production at Skorpion and BMM due to higher grades and recoveries partially offset by the planned maintenance shutdown at acid plant in Q1 FY2018 at Skorpion.

## **Iron Ore**

		Q4		Ç	Q3	Full Year			
Particulars (in million dry metric tonnes, or as stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
IRON ORE									
Sales	2.7	3.0	(8)%	1.8	54%	7.6	10.2	(26)%	
Goa	2.4	2.3	5%	1.0	-	5.4	7.4	(26)%	
Karnataka	0.3	0.7	(51)%	0.8	(57)%	2.2	2.7	(21)%	
Production of Saleable Ore	1.7	3.7	(55)%	0.9	75%	7.1	10.9	(35)%	
Goa	1.5	3.7	(58)%	0.8	92%	4.9	8.8	(44)%	
Karnataka	0.1	0.0	-	0.1	(22)%	2.2	2.1	2%	
Production ('000 tonnes)									
Pig Iron	182	182	-	165	11%	646	708	(9)%	

### Fourth quarter FY 2018 vs. previous quarters

At Goa, production and sales during the quarter were 1.5 million tonnes and 2.4 million tonnes respectively. Production volumes were lower y-o-y primarily due to lower demand for low grade ore and mine closure pursuant to the Supreme Court judgement. Supreme Court of India judgement dated 07 February 2018 has directed mining operations in Goa to stop with effect from 16 March 2018.

At Karnataka, we achieved full production equivalent to our annual mining allocation of 2.29 million tonnes in Q3 FY2018. Sales during the quarter were 0.3 million tonnes by liquidating inventory.

At Karnataka, our annual mining allocation is likely to increase by early Q1 FY2019 on account of the Supreme Court cap increase for the State from 30 to 35 million tonnes.

Pig iron production was at 182,000 tonnes, stable y-o-y and 11% higher q-o-q.

#### Financial Year 2018 vs. Financial Year 2017

Production at Goa was 4.9 million tonnes and sales were 5.4 million tonnes. At Karnataka, production was 2.2 million tonnes and sales were 2.2 million tonnes. Production of pig iron was 9% lower y-o-y at 646,000 tonnes due to lower metallurgical coke availability and local contractors strike in Q1 FY2018.

# Copper - India

		Q4		Q	3	Full Year			
<b>Particulars</b> (in'000 tonnes, or as stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
COPPER- INDIA									
Copper - Cathodes	106	103	3%	101	5%	403	402	-	
Tuticorin Power Sales (MU)	2	64	(97)%	3	(29)%	39	200	(80)%	

## Fourth quarter FY 2018 vs. previous quarters

Cathode production for Q4 FY2018 was 106,000 tonnes, higher by 3% y-o-y and 5% q-o-q.

Smelting operations at Tuticorin were stopped as part of a planned maintenance shutdown for approximately 15 days with effect from 25 March 2018. An application for renewal of consent to operate (CTO) for the smelter was also made during this time. The application has however been rejected for want of further clarifications. The shutdown has hence been extended while we evaluate further course of action.

The 160 MW power plant at Tuticorin operated at a Plant Load Factor (PLF) of 41% during Q4 FY2018 (PLF of 62% in Q4 FY2017 and 41% in Q3 FY2018) due to low power demand in Southern India.

Our expansion plan to double smelter capacity from 400kt to 800kt p.a, is underway. The EPC contracts for all main plant packages, power distribution and automation packages have been awarded. The project has an execution timeline of 24 months and is expected to be completed by Q3 FY2020.

### Financial Year 2018 vs. Financial Year 2017

The Tuticorin smelter had record annual production of 403,000 tonnes of cathodes in FY2018. The 160MW power plant at Tuticorin operated at a PLF of 43% in the FY2018 compared to 56% in corresponding prior period, primarily due to lower demand.

# Copper - Zambia

	Q4			Ç	Q3	Full Year			
<b>Particulars</b> (in'000 tonnes, or as stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
COPPER -ZAMBIA									
Mined metal	22	15	47%	24	(8)%	91	94	(3)%	
Copper - Total	40	51	(21)%	54	(25)%	195	180	9%	
Integrated	19	19	-	22	(12)%	84	96	(12)%	
Custom	21	32	(34)%	32	(34)%	111	84	32%	

## Fourth quarter FY 2018 vs. previous quarters

Mined metal production was 22,000 tonnes during Q4 FY2018, up 47% y-o-y primarily on account of improved mined output from Konkola driven by higher equipment availability, positive results from focussed OEM supervision of trackless equipment and reconfiguration of Nchanga underground ramp-up. This was, however, lower by 8% q-o-q, primarily on account of lower copper recoveries at the Tailing Leach Plant (TLP) and the impact of heavy rains on ore and waste mining at Nchanga open pit which has stabilised now.

The business partnering model is on track and mobilisation of resources underway for sustained secondary developments and production from a new area at Konkola. The waste mining program for enhanced access to high-grade ore body at open pit and focused preventive maintenance programmes at TLP, which were impacted by the heavy rains, are expected to start delivering volume improvements from Q1 FY2019.

Custom volumes were at 21,000 tonnes, lower 34% y-o-y and q-o-q due to lower concentrate availability as a result of heavy rainfall in the region and the resulting increased demand.

The water level at the Kariba Dam has significantly improved due to a healthy rainy season, resulting in an improved power situation in Zambia. Pursuant to that, ZESCO has evoked the force majeure which was declared in 2015.

#### Financial Year 2018 vs. Financial Year 2017

Mined metal production was at 91,000 tonnes, 3% lower y-o-y primarily impacted by trackless equipment availability in first half and the preventive maintenance programmes at TLP in second half of FY2018.

Integrated volumes were at 84,000 tonnes, lower than mined metal production due to stockpile at smelter and refinery for blend optimisation and scheduled refinery ramp-up respectively. Custom volumes were at 111,000 tonnes, 32% higher y-o-y in line with the guidance.

## Aluminium

		Q4		Ç	Q3		Full Year		
Particulars(in'000 tonnes, or as stated)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY	
ALUMINIUM									
Alumina-Lanjigarh	351	313	12%	287	22%	1,209	1,208	-	
Total Aluminum Production	477	353	35%	445	7%	1,675	1,213	38%	
Jharsuguda-I	132	132	-	116	14%	440	525	(16)%	
Jharsuguda-II <sup>4</sup>	202	100	-	187	8%	666	261	-	
Korba-I	66	64	2%	65	-	259	256	1%	
Korba-II <sup>5</sup>	77	57	36%	77	-	310	171	81%	
Jharsuguda 1800 MW (Surplus Power Sales in Million Units) *	-	-	-	-	-	-	511	-	

<sup>\*</sup> Jharsuguda 1,800MW has been moved from the power to the Aluminum segment from 1st April 2016.

#### Fourth quarter FY 2018 vs. previous quarters

Aluminium production in Q4 FY2018 was at 477,000 tonnes, up 35% y-o-y and 7% q-o-q as a result of ramp up at the Jharsuguda-II smelter, following complete ramp of the Balco II smelter in Q1 FY2018, with exit monthly run rate of c.2.0 mt. Stabilised aluminium production (i.e. production excluding trial run) was 468,000 tonnes in Q4 FY2018.

At Jharsuguda-II, comprising of four lines, ramp-up of line-1 and line-2 were completed in Q3 FY2018 and Q4 FY2017 respectively. At line-3, 220 pots are powered on and the full ramp-up was delayed due to infrastructure development works undertaken by the railway authorities for capacity enhancement. Line-3 is expected to be fully ramped-up by H1 FY2019. Line-4 continues to be under evaluation.

Alumina production for the quarter was 351,000 tonnes, higher 22% q-o-q and 12% y-o-y. This was primarily a result of debottlenecking of the refinery carried out in Q3 FY2018 and consistent availability of bauxite.

Domestic coal continues to be a key focus area for the management. While materialisation of linkages has improved q-o-q, we are continuing to engage with Coal India to improve materialisation further and e-auction coal availability.

#### Financial Year 2018 vs. Financial Year 2017

Achieved record aluminium production of 1,675 kt, 38% higher y-o-y on account of ramp up of additional pots at the Jharsuguda-II smelter and complete ramp up of BALCO-II smelter in Q1 FY2018. Alumina production was flat y-o-y.

## **Power**

		Q4		Q3				
Particulars (in million units)	FY2018	FY2017	% change YoY	FY2018	% change QoQ	FY2018	FY2017	% change YoY
POWER								
Total Power Sales	3,109	3,462	(10)%	3,146	(1)%	11,041	12,916	(15)%
Jharsuguda 600 MW	404	952	(58)%	111	-	1,172	3,328	(65)%
TSPL	2,258	1,596	41%	2,512	(10)%	7,915	6,339	25%
BALCO 600 MW	388	793	(51)%	466	(17)%	1,536	2,609	(41)%
MALCO*	-	46	-	-	-	4	190	(98)%
HZL Wind Power	58	75	(23)%	57	2%	414	448	(8)%
TSPL - Availability	93%	85%	-	97%	-	74%	79%	-

<sup>\*</sup> under care & maintenance w.e.f 26th May 2017

## Fourth quarter FY 2018 vs. previous quarters

During Q4 FY2018, power sales were 3,109 million units. TSPL power sales were 2,258 million units with availability of 93%. The Power Purchase Agreement with the Punjab State Electricity Board compensates us based on the availability of the plant. Average availability for the full year was at 74%, in line with previous guidance.

The 600MW Jharsuguda power plant operated at a plant load factor (PLF) of 21% in Q4 FY2018 (PLF of 5% in Q3 FY2018, 78% in Q4 FY2017). Power sales from this plant were mainly impacted by temporary technical issues.

The 600 MW BALCO IPP operated at a PLF of 37% in Q4 FY2018 (PLF of 43% in Q3 FY2018, 72% in Q4 FY2017). Lower power sales from this plant q-o-q and y-o-y were, primarily due to temporary coal shortage.

## Financial Year 2018 vs. Financial Year 2017

Power sales were lower 15% y-o-y due to temporary coal shortage at BALCO and Jharsuguda, partially offset by ramp-up of all three units of TSPL post the shutdown in Q1 FY2018.

## **Corporate and Financial Update:**

Electrosteel Steels Limited: On March 31 2018, Vedanta Limited was declared successful resolution applicant by the Committee of Creditors for Electrosteel Steels Limited under the Corporate Insolvency Resolution Process of the Insolvency and Bankruptcy Code, 2016 and has received a Letter of Intent (LoI). Vedanta Limited has accepted the terms of the LoI. The closure of the transaction will be subject to compliance with applicable regulatory requirements and as per the final terms approved by the National Company Law Tribunal.

Electrosteel Steels has steelmaking design capacity of 2.5 mtpa in Bokaro, Jharkhand with blast furnace/basic-oxygen-furnace technology. It manufactures pig iron, billets, thermo mechanically treated bars, wire rods and ductile iron pipes. The acquisition would provide the group an opportunity for an integrated iron ore and steel play, at the same time benefitting from the fast growing steel sector in the country.

Impairment at Iron Ore, Goa: The Company reviews the carrying value of its assets at each reporting period end considering market developments such as long term commodity price assumptions, regulatory changes and other developments. In light of the Supreme Court of India judgement dated 07 February 2018 wherein the Court has directed that effective March 16, 2018 mining operations in the state of Goa are to be stopped, there could be a likely impairment of US\$ 500 million to US\$ 600 million net of taxes (US\$ 700 million to US\$ 800 million gross of taxes) on this account. This is mainly related to mining reserve and would be reflected in the results for FY 2017-18. Impairment is non-cash accounting item. Further, the closure of the Group's iron ore business in Goa would not have any material impact on the Group's profitability.

**Reversal of Impairment at Oil and Gas**: The Company is reviewing the carrying value of its Oil and Gas assets. This is in view of the key growth projects that have been awarded which are expected to result in enhanced recovery of resources. Any impact on account of these changes will be a non-cash reversal of past period impairment charge and would be reflected in the results for FY2018.

**Interim Dividend by Vedanta Limited**: Announcement of a record interim dividend of c. \$1.2 billion in March 2018 by Vedanta Limited, of which c. \$600 million received by Vedanta Resources Plc.

**Rating Upgrade:** Moody's upgraded the Corporate Family Rating of the Company from B1 to Ba3 in November 2017 and the rating on its Senior Unsecured Bonds to B3 from B2 at the back of benign operating environment and stabilising commodity prices which will help enhance the EBITDA and cash flow generation.

## **Production Summary (Unaudited)**

(in '000 tonnes, except as stated)

		Q4		Ç	Q3	,	Full Year	
Particulars	FY 2018	FY 2017	% Change YoY	FY 2018	% Change QoQ	FY 2018	FY 2017	% Change YoY
OIL AND GAS					~ ~			
Average Daily Total Gross Operated Production (boepd) <sup>1</sup>	200,032	194,343	3%	193,647	3%	195,150	199,574	(2)%
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Rajasthan	162,357	157,338	3%	157,096	3%	157,983	161,571	(2)%
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Cambay	11,543	9,477	22%	10,161	14%	10,408	9,753	7%
Average Daily Working Interest Production (boepd)	121,929	117,926	3%	117,828	3%	118,620	121,186	(2)%
Rajasthan	113,650	110,137	3%	109,967	3%	110,588	113,100	(2)%
Ravva	3,661	3,998	(8)%	3,797	(4)%	3,869	4,185	(8)%
Cambay	4,617	3,791	22%	4,064	14%	4,163	3,901	7%
Total Oil and Gas (million boe)				,		,		
Oil & Gas- Gross	17.1	16.6	3%	16.9	1%	67.7	69.3	(2)%
Oil & Gas-Working Interest	11.0	10.6	3%	10.8	1%	43.3	44.2	(2)%
ZINC INDIA								, ,
Mined metal content	255	312	(18)%	240	6%	947	907	4%
Refined Zinc Integrated	206	215	(4)%	200	3%	791	672*	18%
Refined Lead - Integrated 2	50	45	11%	46	9%	168	139	21%
Silver - Integrated (in mn ounces) 3	5.5	4.5	22%	4.3	28%	17.9	14.5	23%
ZINC INTERNATIONAL	35	41	(14)%	47	(25)%	157	156	-
Zinc -refined -Skorpion	22	21	3%	26	(15)%	84	85	(1)%
Mined metal content - BMM	13	20	(33)%	21	(37)%	72	70	3%
<b>IRON ORE</b> (in million dry metric tonnes, or as stated)								
Sales	2.7	3.0	(8)%	1.8	54%	7.6	10.2	(26)%
Goa	2.4	2.3	5%	1.0	-	5.4	7.4	(26)%
Karnataka	0.3	0.7	(51)%	0.8	(57)%	2.2	2.7	(21)%
Production of Saleable Ore	1.7	3.7	(55)%	0.9	75%	7.1	10.9	(35)%
Goa	1.5	3.7	(58)%	0.8	92%	4.9	8.8	(44)%
Karnataka	0.1	0.0	-	0.1	(22)%	2.2	2.1	2%
Production ('000 tonnes)								
Pig Iron	182	182	-	165	11%	646	708	(9)%

		Q4		Ç	Q3		Full Year	•
Particulars	FY 2018	FY 2017	% Change YoY	FY 2018	% Change QoQ	FY 2018	FY 2017	% Change YoY
COPPER- INDIA								
Copper - Cathodes	106	103	3%	101	5%	403	402	-
Tuticorin Power Sales (MU)	2	64	(97)%	3	(29)%	39	200	(80)%
COPPER -ZAMBIA								
Mined metal	22	15	47%	24	(8)%	91	94	(3)%
Copper - Total	40	51	(21)%	54	(25)%	195	180	9%
Integrated	19	19	-	22	(12)%	84	96	(12)%
Custom	21	32	(34)%	32	(34)%	111	84	32%
ALUMINIUM								
Alumina-Lanjigarh	351	313	12%	287	22%	1,209	1,208	-
Total Aluminum Production	477	353	35%	445	7%	1,675	1,213	38%
Jharsuguda-I	132	132	-	116	14%	440	525	(16)%
Jharsuguda-II <sup>4</sup>	202	100	-	187	8%	666	261	-
Korba-I	66	64	2%	65	-	259	256	1%
Korba-II <sup>5</sup>	77	57	36%	77	-	310	171	81%
Jharsuguda 1800 MW (Surplus Power Sales in Million Units)	-	-	-	-	-	-	511	-
POWER								
Total Power Sales	3,109	3,462	(10)%	3,146	(1)%	11,041	12,916	(15)%
Jharsuguda 600 MW	404	952	(58)%	111	-	1,172	3,328	(65)%
TSPL	2,258	1,596	41%	2,512	(10)%	7,915	6,339	25%
BALCO 600 MW	388	793	(51)%	466	(17)%	1,536	2,609	(41)%
MALCO**	-	46	-	-	-	4	190	(98)%
HZL Wind Power	58	75	(23)%	57	2%	414	448	(8)%
TSPL - Availability	93%	85%	-	97%	-	74%	79%	-
Ports - VGCB (in million tonnes) 6								
Cargo Discharge	1.6	0.8	-	1.7	(9)%	5.6	4.3	31%
Cargo Dispatches	1.5	0.8	76%	1.6	(9)%	5.4	4.4	22%

<sup>\*</sup> includes custom production of 2kt

- 1. Including Internal Gas consumption
- 2. Excluding Captive consumption of 1,570 tonnes in Q4 FY2018 vs 1,633 tonnes in Q4 FY2017, 1,786 tonnes in Q3 FY2018 and 6,946 tonnes in FY 2018 vs. 5,285 tonnes in FY 2017
- 3. Excluding captive consumption of 8.209 tonnes in Q4 FY2018 vs. 8.647 tonnes in Q4 FY2017, 9.275 tonnes in Q3 FY2018 and 36.438 tonnes in FY 2018 vs. 27.402 tonnes in FY 2017
- 4. Including trial run production of 9.8 kt in Q4 FY2018, 28.0 kt in Q4 FY2017, 18.0 kt in Q3 FY2018, 61.8 kt in FY2018 vs 95 kt in FY 2017
- 5. Including trial run production of Nil in Q4 FY2018, 56.0 tonnes in Q3 FY2018, 18.5 kt in Q4 FY2017, 16.1 kt in FY2018 vs 47.0 kt in FY2017.
- 6. Vizag General Cargo Berth

<sup>\*\*</sup>under care & maintenance w.e.f 26th May 2017

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#### About Vedanta Resources plc

Vedanta Resources plc ("Vedanta") is a London listed diversified global natural resources company. The group produces aluminium, copper, zinc, lead, silver, iron ore, oil & gas and commercial energy. Vedanta has operations in India, Zambia, Namibia, South Africa, Ireland and Australia. With an empowered talent pool globally, Vedanta places strong emphasis on partnering with all its stakeholders based on the core values of trust, sustainability, growth, entrepreneurship, integrity, respect and care. To access the Vedanta Sustainable Development Report 2017, please visit

http://www.vedantaresources.com/media/214366/vedanta sd report 2016-17.pdf For more information on Vedanta Resources, please visit www.vedantaresources.com

#### Disclaimer

This press release contains "forward-looking statements" - that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance, and often contain words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "should" or "will." Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, uncertainties arise from the behaviour of financial and metals markets including the London Metal Exchange, fluctuations in interest and or exchange rates and metal prices; from future integration of acquired businesses; and from numerous other matters of national, regional and global scale, including those of a political, economic, business, competitive or regulatory nature. These uncertainties may cause our actual future results to be materially different that those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements.