

10<sup>th</sup> October 2016

**Vedanta Resources Plc**  
**Production Release for the Second Quarter**  
**And Half Year Ended 30<sup>th</sup> September 2016**

## **Q2 Highlights**

### **Operations**

- Oil & Gas:
  - Strong production at Rajasthan, with Mangala EOR 23% higher q-o-q
  - Gas production at Rajasthan up 17% q-o-q
- Zinc India:
  - Mined metal production up 51% and silver production up 21% q-o-q
  - H2 production expected to be significantly higher than H1, as per the mine plans
- Aluminium:
  - Smelters continue to ramp up, with current production run-rate of 1.1 mtpa (excluding trial run production); ramp-up was impacted by pot outages at Jharsuguda-II and BALCO-II smelters in Q2
  - Secured coal linkages of 6mtpa for captive power plants through auctions
- Iron Ore:
  - Mining and shipments from Goa resumed from end September, following the monsoon season
- Copper - Zambia:
  - Mined metal production higher q-o-q due to improved recoveries
- TSPL Power:
  - 1980MW plant fully operational with third 660MW unit capitalized
  - 77% plant availability in Q2

### **Corporate**

- Vedanta Limited - Cairn India merger approved by shareholders; transaction expected to complete in Q1 CY2017
- Moody's upgraded corporate family rating from B2 to B1; S&P revised its outlook from stable to positive

Tom Albanese, Chief Executive Officer, Vedanta Resources plc, said: "We have delivered a strong operational performance during the quarter. We have progressed on our ramp-up of aluminium and though we had some operational challenges, our full year volumes are not expected to be materially impacted. We achieved higher mined metal production at Zinc India and this upward trend is expected to continue in the second half. We are extremely pleased that shareholders have approved the proposed Vedanta Limited – Cairn India merger last month, and we expect the transaction to complete in the first quarter of CY2017. This is an important strategic step in simplifying the Group."

## Oil & Gas

| Particulars  | Q2      |         |              | Q1      |              | H1      |         |              |
|--|---------|---------|--------------|---------|--------------|---------|---------|--------------|
|  | FY2017  | FY2016  | % change YoY | FY2017  | % change QoQ | FY2017  | FY2016  | % change YoY |
| <b>OIL AND GAS</b>   |         |         |              |         |              |         |         |              |
| Average Daily Total Gross Operated Production (boepd) <sup>1</sup> | 206,230 | 214,247 | (4)%         | 206,455 | 0%           | 206,342 | 216,081 | (5)%         |
| Average Daily Gross Operated Production (boepd)                    | 196,399 | 205,361 | (4)%         | 196,861 | 0%           | 196,629 | 207,538 | (5)%         |
| Rajasthan  | 167,699 | 168,126 | 0%           | 166,943 | 0%           | 167,323 | 170,164 | (2)%         |
| Ravva  | 18,823  | 26,064  | (28)%        | 19,637  | (4)%         | 19,228  | 27,303  | (30)%        |
| Cambay   | 9,877   | 11,172  | (12)%        | 10,281  | (4)%         | 10,078  | 10,071  | 0%           |
| Average Daily Working Interest Production (boepd)                  | 125,575 | 128,021 | (2)%         | 125,391 | 0%           | 125,484 | 129,286 | (3)%         |
| Rajasthan  | 117,390 | 117,688 | 0%           | 116,860 | 0%           | 117,126 | 119,115 | (2)%         |
| Ravva  | 4,235   | 5,864   | (28)%        | 4,418   | (4)%         | 4,326   | 6,143   | (30)%        |
| Cambay   | 3,951   | 4,469   | (12)%        | 4,113   | (4)%         | 4,031   | 4,028   | 0%           |
| <b>Total Oil and Gas (million boe)</b>                             |         |         |              |         |              |         |         |              |
| Oil & Gas- Gross   | 18.07   | 18.89   | (4)%         | 17.91   | 1%           | 35.98   | 37.98   | (5)%         |
| Oil & Gas-Working Interest   | 11.55   | 11.78   | (2)%         | 11.41   | 1%           | 22.96   | 23.66   | (3)%         |

### Q2 FY2017 vs. previous quarters

Average gross production was stable at 196,399 barrels of oil equivalent per day (boepd) during the quarter. A strong performance by Mangala EOR helped maintain production from Rajasthan. Continued reservoir management practices and targeting incremental opportunities helped in sustaining production rates at Ravva and Cambay.

Gross production from Rajasthan was marginally higher q-o-q at 167,699 boepd. Encouraging results from the Mangala EOR, driven by enhanced well productivity and new wells coming online, increased the EOR contribution to production from c.42 kboepd in Q1 FY2017 to c.52 kboepd in Q2 FY2017. Production optimization and maximization of liquid handling capacity helped maintain strong performance from Bhagyam and Aishwariya. Gross production from Development Area-1 and Development Area-2 averaged 151,880 boepd and 15,820 boepd, respectively.

Gas production from the RDG field also increased to 33 mmscfd from 28 mmscfd in Q1 FY2017, aided by superior initial well productivity results obtained from the hydro-frac campaign.

The Ravva and Cambay fields delivered gross production of 28,700 boepd, slightly lower q-o-q. Ravva witnessed softening of production with volumes averaging at 18,823 boepd. Efforts continued to sustain production rates by targeting incremental opportunities such as optimization of gas lifted wells, addition of new zones, network optimization and water shut-off by zone isolations, aided in arresting the natural decline rates. Production from Cambay was at 9,877 boepd as effective reservoir management practices and production optimization measures helped in reducing the impact of natural decline.

### **H1 FY2017 vs. H1 FY2016**

Average gross production across assets was at 196,629 boepd. Production from the Rajasthan asset was broadly stable at 167,323 boepd aided by positive results from the Mangala EOR after its successful stabilization, and in-line performance from Bhagyam and Aishwariya. RDG gas production has increased from an average of 25 mmscfd in H1 FY2016 to 30 mmscfd in H1 FY2017. Production from both the offshore assets together was at 29,305 boepd, lower by c.22% y-o-y, primarily due to the natural decline.

### **Zinc-India**

| Particulars                                       | Q2          |             |              | Q1          |              | H1          |             |              |
|---|-------------|-------------|--------------|-------------|--------------|-------------|-------------|--------------|
|   | FY2017      | FY2016      | % change YoY | FY2017      | % change QoQ | FY2017      | FY2016      | % change YoY |
| <b>Zinc India</b> (in '000 tonnes, or as stated)  |             |             |              |             |              |             |             |              |
| Mined metal content                               | 192         | 240         | (20)%        | 127         | 51%          | 318         | 472         | (33)%        |
| <b>Refined Zinc - Total</b>                       | <b>150</b>  | <b>211</b>  | <b>(29)%</b> | <b>102</b>  | <b>47%</b>   | <b>252</b>  | <b>398</b>  | <b>(37)%</b> |
| Refined Zinc - Integrated                         | 149         | 211         | (30)%        | 101         | 47%          | 250         | 398         | (37)%        |
| Refined Zinc - Custom                             | 1           | -           | -            | 1           | -            | 2           | -           | -            |
| <b>Refined Lead - Total</b> <sup>2</sup>          | <b>31</b>   | <b>40</b>   | <b>(24)%</b> | <b>25</b>   | <b>25%</b>   | <b>55</b>   | <b>71</b>   | <b>(22)%</b> |
| Refined Lead - Integrated                         | 31          | 39          | (22)%        | 25          | 25%          | 55          | 67          | (17)%        |
| Refined Lead - Custom                             | -           | 1           | -            | -           | -            | -           | 4           | -            |
| <b>Silver - Total (in mn ounces)</b> <sup>3</sup> | <b>3.45</b> | <b>3.59</b> | <b>(4)%</b>  | <b>2.85</b> | <b>21%</b>   | <b>6.29</b> | <b>6.01</b> | <b>5%</b>    |
| Silver- Integrated (in mn ounces)                 | 3.45        | 3.54        | (3)%         | 2.85        | 21%          | 6.29        | 5.92        | 6%           |
| Silver- Custom (in mn ounces)                     | -           | 0.05        | -            | -           | -            | -           | 0.09        | -            |

### **Q2 FY 2017 vs. previous quarters**

Mined metal production was 51% higher q-o-q in line with the mine plans. The increase was primarily due to significantly higher production at Rampura Agucha open cast mine compared to Q1, when there was high waste excavation, in accordance with the waste-ore sequence.

Refined zinc and lead volumes during the quarter were lower y-o-y and higher q-o-q, in line with the mined metal production.

Integrated silver production was up 21% q-o-q as a result of higher volumes from the Sindesar Khurd mine.

## H1 FY2017 vs. H1 FY2016

Mined metal production was at 318,000 tonne in H1 FY2017, lower than H1 FY2016 mainly due to lower production from the Rampura Agucha open cast mine as per the mine plan. The combined production from all underground mines in H1 increased by 83% y-o-y, as we transition the Rampura Agucha mine from open pit to underground.

Integrated zinc and lead production were lower, in line with mined metal production. Integrated silver production was 6% higher due to higher volumes from the Sindesar Khurd mine, partly offset by lower volumes from Rampura Agucha open cast.

## **Zinc - International**

| Particulars (in '000 tonnes, or as stated) | Q2     |        |              | Q1     |              | H1     |        |              |
|--|--------|--------|--------------|--------|--------------|--------|--------|--------------|
|  | FY2017 | FY2016 | % change YoY | FY2017 | % change QoQ | FY2017 | FY2016 | % change YoY |
| <b>Zinc International</b>                  | 39     | 63     | (38)%        | 43     | (8)%         | 82     | 133    | (38)%        |
| Zinc -refined -Skorpion                    | 23     | 17     | 37%          | 24     | (2)%         | 47     | 42     | 10%          |
| Mined metal content - BMM                  | 16     | 16     | 2%           | 19     | (16)%        | 35     | 31     | 14%          |
| Mined metal content - Lisheen              | -      | 31     | -            | -      | -            | -      | 60     | -            |

## Q2 FY 2017 vs. previous quarters

Total production, excluding production from Lisheen, was up 20% y-o-y. Production including Lisheen was at 39,000 tonnes, lower than the corresponding prior quarter due to the closure of the Lisheen mine in November 2015.

Production at Skorpion increased y-o-y on account of higher feed grades and better recoveries. During Q2 FY2016, production at Skorpion had been impacted by shutdowns. Production at BMM for the quarter was lower sequentially, primarily due to lower feed grades.

## H1 FY2017 vs. H1 FY2016

Total production, excluding Lisheen, was 12% higher than H1 FY2016. Production including Lisheen was at 82,000 tonnes, lower by 38%, mainly due to closure of the Lisheen mine.

## Iron Ore

| Particulars (in million dry metric tonnes, or as stated) | Q2     |        |              | Q1     |              | H1     |        |              |
|--|--------|--------|--------------|--------|--------------|--------|--------|--------------|
|  | FY2017 | FY2016 | % change YoY | FY2017 | % change QoQ | FY2017 | FY2016 | % change YoY |
| <b>IRON ORE</b>  |        |        |              |        |              |        |        |              |
| <b>Sales</b>   | 0.8    | 0.6    | 25%          | 2.6    | (70)%        | 3.4    | 1.2    | -            |
| Goa  | 0.3    | -      | -            | 2.1    | (84)%        | 2.4    | -      | -            |
| Karnataka  | 0.5    | 0.6    | (27)%        | 0.5    | (12)%        | 1.0    | 1.2    | (14)%        |
| <b>Production of Saleable Ore</b>                        | 1.5    | 0.8    | 78%          | 3.2    | (55)%        | 4.7    | 1.0    | -            |
| Goa  | 0.5    | 0.0    | -            | 2.4    | (78)%        | 2.9    | 0.0    | -            |
| Karnataka  | 0.9    | 0.8    | 22%          | 0.8    | 13%          | 1.7    | 1.0    | 79%          |
| <b>Production ('000 tonnes)</b>                          |        |        |              |        |              |        |        |              |
| Pig Iron   | 192    | 150    | 27%          | 181    | 6%           | 372    | 320    | 16%          |

### Q2 FY 2017 vs. previous quarters

At Goa, production was 0.5 million tonnes and sales were 0.3 million tonnes. Mining activities were lower in Q2, as usual, due to the monsoon season. Mining and shipments have resumed from end September.

At Karnataka, production was 0.9 million tonnes and sales were 0.5 million tonnes. The sales were lower due to lower e-auction sales and dispatches. However, a substantial quantity has been contracted through e-auction in end-Q2, which will be dispatched in Q3.

During Q2 FY2017, production of pig iron was 27% higher y-o-y at 192,000 tonnes, mainly due to higher plant availability. Production was higher 6% q-o-q as there was a maintenance shutdown in Q1 FY2017.

Our current annual mining allocations are 5.5mt and 2.3mt for Goa and Karnataka, respectively. We are engaged with the respective state governments for increases in these mining allocations.

### H1 FY2017 vs. H1 FY2016

Production at Goa was 2.9 million tonnes, and sales were 2.4 million tonnes. During Q1, we had ramped up production to a run-rate of 0.8mt per month; production was lower in Q2 due to the monsoon season. At Karnataka, production was 1.7 million tonnes and sales were 1.0 million tonnes. Production of pig iron ramped up from 320,000 in H1 FY2016 to a record production of 372,000 tonnes in H1 FY2017.

## Copper - India

| Particulars (in '000 tonnes, or as stated) | Q2     |        |              | Q1     |              | H1     |        |              |
|--|--------|--------|--------------|--------|--------------|--------|--------|--------------|
|  | FY2017 | FY2016 | % change YoY | FY2017 | % change QoQ | FY2017 | FY2016 | % change YoY |
| <b>COPPER- INDIA</b>                       |        |        |              |        |              |        |        |              |
| Copper - Cathodes                          | 97     | 94     | 3%           | 100    | (3)%         | 198    | 193    | 3%           |
| Tuticorin Power Sales (MU)                 | 30     | 118    | (75)%        | 60     | (50)%        | 90     | 293    | (69)%        |

### Q2 FY 2017 vs. previous quarters

Production from the Tuticorin smelter was 97,000 tonnes, marginally lower q-o-q. During the quarter, production was affected by an unplanned outage for ten days due to a boiler leakage at the smelter.

The 160 MW power plant at Tuticorin operated at a low Plant Load Factor (PLF) of 48% during Q2 FY2017 (against 76% in Q2 FY2016 and 60% in Q1 FY2017). PLF was lower during the quarter due to low offtake from Telangana State Electricity Board (TSEB) owing to the extended monsoon season and weaker power demand in the region.

We have entered into a contract with the TSEB for power supply from June 2016 to May 2017 following the completion of the sales contract with the Tamil Nadu Electricity Board (TNEB). We are entitled to compensation at 20% of the contracted rate for off-take below 85% of the contracted quantity.

### H1 FY2017 vs. H1 FY2016

Production in H1 FY2017 was marginally higher at 198,000 tonnes of cathodes. The 160MW power plant at the Tuticorin operated at a PLF of 54% in H1 FY2017 compared to 85% in H1 FY2016, primarily due to lower off-take from TNEB and TSEB.

## Copper - Zambia

| Particulars (in '000 tonnes, or as stated) | Q2     |        |              | Q1     |              | H1     |        |              |
|--|--------|--------|--------------|--------|--------------|--------|--------|--------------|
|  | FY2017 | FY2016 | % change YoY | FY2017 | % change QoQ | FY2017 | FY2016 | % change YoY |
| <b>COPPER -ZAMBIA</b>                      |        |        |              |        |              |        |        |              |
| Mined metal                                | 29     | 33     | (12)%        | 29     | 2%           | 58     | 62     | (7)%         |
| <b>Copper - Total</b>                      | 47     | 47     | (1)%         | 45     | 6%           | 92     | 90     | 2%           |
| Integrated                                 | 28     | 32     | (15)%        | 28     | 0%           | 55     | 60     | (8)%         |
| Custom                                     | 19     | 15     | 29%          | 17     | 15%          | 36     | 30     | 22%          |

### Q2 FY 2017 vs. previous quarters

Mined metal production was at 29,000 tonnes, 2% higher than Q1 ,primarily due to improved recoveries. Mined metal production was lower by 12% y-o-y, mainly due to lower production from the Nchanga underground mine which was placed on care and maintenance in Q3 FY2016 and one-off equipment constraints at Konkola.

Production from the Konkola underground mine was impacted by lower trackless equipment availability. At the Tailings Leach Plant, production was lower by 10% y-o-y due to throughput constraints at the mill and lower feeds from current tails.

Custom volumes at 19,000 tonnes, were 29% higher on a y-o-y basis and 15% higher q-o-q, due to higher concentrate availability and higher grades. The biennial planned shutdown at the smelter scheduled for 40 days has commenced on 26 September 2016. Following this shutdown, the feed-rate is expected to increase from 70 to more than 80 tonnes per hour. This shutdown has partially impacted custom production in September.

### H1 FY2017 vs. H1 FY2016

Mined metal production was 58,000 tonnes in H1 FY2017, 7% lower y-o-y, and integrated volume was 55,000 tonnes, lower compared to mined metal due to an increase in the concentrate inventory. Custom volumes were at 36,000 tonnes, 22% higher compared to H1 FY2016.

## **Aluminium**

| Particulars (in '000 tonnes, or as stated)                             | Q2         |            |              | Q1         |              | H1         |            |              |
|--|------------|------------|--------------|------------|--------------|------------|------------|--------------|
|  | FY2017     | FY2016     | % change YoY | FY2016     | % change QoQ | FY2017     | FY2016     | % change YoY |
| <b>Aluminium</b>   |            |            |              |            |              |            |            |              |
| Alumina-Lanjigarh  | 292        | 272        | 8%           | 275        | 6%           | 567        | 541        | 5%           |
| <b>Total Aluminium Production</b>                                      | <b>296</b> | <b>233</b> | <b>27%</b>   | <b>244</b> | <b>21%</b>   | <b>541</b> | <b>464</b> | <b>17%</b>   |
| Jharsuguda-I   | 132        | 130        | 1%           | 129        | 2%           | 261        | 262        | 0%           |
| Jharsuguda-II <sup>4</sup>   | 48         | 19         | -            | 28         | 70%          | 77         | 38         | -            |
| BALCO-I  | 63         | 65         | (3)%         | 63         | (1)%         | 126        | 127        | (1)%         |
| BALCO-II <sup>5</sup>  | 52         | 19         | -            | 24         | -            | 77         | 37         | -            |
| BALCO 270 MW <sup>6</sup>  | -          | -          | -            | -          | -            | -          | -          | -            |
| Jharsuguda 1800 MW (Surplus Power Sales in Million Units) <sup>6</sup> | 156        | -          | -            | 355        | (56)%        | 511        | -          | -            |

### Q2 FY 2017 vs. previous quarters

We achieved record quarterly production of 296,000 tonnes of aluminium in Q2, with an exit run-rate of 1.1 mtpa (excluding trial run production) in September 2016.

The commissioning of pots at the first line of the 1.25 mtpa Jharsuguda-II aluminium smelter was completed at the end of July 2016. However, this line was impacted by a power outage in early August, following which 168 pots were taken out of production. The impacted pots are currently being rectified, and 10 pots have re-started in early October 2016.

The commissioning of the second line of Jharsuguda-II commenced in July, with 158 pots having been commissioned till date, and the balance pots continuing to be



commissioned. The third line of the Jharsuguda-II smelter will commence ramp-up from the second half of October 2016, ahead of the earlier plan of Q4 FY2017.

The BALCO-II smelter was commissioned, with all 336 pots operational in August. However, there was a technical issue in early September, due to which 167 pots were taken out of production. The rectification work is in progress and these pots are expected to be re-started by Q4 FY2017. The rolled product facility at BALCO, which was temporarily shut-down in Q2 FY2016, is beginning to restart operations, and produced 5,000 tonnes during the quarter.

The second stream of the Lanjigarh alumina refinery, which was temporarily closed in Q2 FY2016, recommenced operations in Q1 FY2017. The two streams produced 292,000 tonnes of alumina in Q2, 6% higher than Q1. The exit run-rate for the quarter for alumina production was 1.2 mtpa.

Power sales from the 1,800 MW Jharsuguda power plant was lower due to a weak power market. However, the PLF's will continue to increase as we ramp up the Jharsuguda-II smelter.

We expect to produce 1.4 mtpa of Alumina and 1.1 mtpa of Aluminium (excluding trial run production) in FY2017.

### **H1 FY2017 vs. H1 FY2016**

Aluminium production was a record at 541,000 tonnes in H1, 17% higher y-o-y, mainly on account of ramp-up of the Jharsuguda-II and BALCO-II smelters. Alumina production was 5% higher at 567,000 tonnes due to the recommencement of the second stream of the Lanjigarh refinery from 1<sup>st</sup> April 2016.

### **Power**

| Particulars (in million units) | Q2         |            |              | Q1         |              | H1         |            |              |
|--------------------------------|------------|------------|--------------|------------|--------------|------------|------------|--------------|
|                                | FY2017     | FY2016     | % change YoY | FY2017     | % change QoQ | FY2017     | FY2016     | % change YoY |
| <b>Power</b>                   |            |            |              |            |              |            |            |              |
| <b>Total Power Sales</b>       | 3,030      | 2,718      | nm           | 3,010      | 1%           | 6,039      | 5,789      | nm           |
| Jharsuguda 600 MW <sup>6</sup> | 605        | 1,554      | nm           | 892        | (32)%        | 1,497      | 3,820      | nm           |
| BALCO 600 MW                   | 549        | 158        | -            | 607        | (9)%         | 1,156      | 158        | -            |
| MALCO                          | 25         | 127        | (80)%        | 90         | (72)%        | 115        | 320        | (64)%        |
| HZL Wind Power                 | 172        | 158        | 9%           | 148        | 16%          | 320        | 286        | 12%          |
| BALCO 270 MW <sup>6</sup>      | -          | 28         | -            | -          | -            | -          | 128        | -            |
| TSPL                           | 1,679      | 693        | -            | 1,272      | 32%          | 2,951      | 1,077      | -            |
| <b>TSPL - Availability</b>     | <b>77%</b> | <b>86%</b> | -            | <b>72%</b> | -            | <b>75%</b> | <b>71%</b> | -            |



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### **Q2 FY 2017 vs. previous quarters**

Total power sales were higher y-o-y due to the commissioning of additional units at TSPL and BALCO over the last year.

Power sales from TSPL were significantly higher during the quarter. The third 660MW unit at TSPL achieved Commercial Operation Date (COD) on 24<sup>th</sup> August 2016 and was capitalized on 1<sup>st</sup> September 2016. In Q2 FY2017, all three units operated at an availability of 77% (considering the third unit from 1<sup>st</sup> September), higher q-o-q mainly due to a statutory shutdown at one of the units, in the previous quarter. The Power Purchase Agreement with the Punjab State compensates us based on the availability of the plant.

The Jharsuguda 600MW power plant operated at a lower Plant Load Factor (PLF) of 50% in Q2 FY2017 (PLF 60% in Q2 FY2016, 74% in Q1 FY2017) due to power evacuation constraints.

The 600 MW BALCO IPP units (2x300MW) operated at a PLF of 54% in Q2 due to weak power market.

The MALCO power plant operated at a lower PLF of 20% in Q2 FY2017 (61% in Q2 FY 2016 and 44% in Q1 FY2017) due to lower offtake from Telengana State Electricity Board (TSEB). We have entered into a contract with TSEB for power supply from June 2016 to May 2017, following the completion of the sales contract with the Tamil Nadu Electricity Board. However, we are entitled to compensation at 20% of the contracted rate for off-take below 85% of the contractual quantity.

### **H1 FY2017 vs. H1 FY2016**

During H1 FY2017, power sales were higher compared to H1 FY2016 due to commissioning of additional units at the TSPL and BALCO power plants.

## Production Summary (Unaudited)

(in '000 tonnes, except as stated)

| Particulars  | Q2      |         |              | Q1      |              | H1      |         |              |
|--|---------|---------|--------------|---------|--------------|---------|---------|--------------|
|  | FY 2017 | FY 2016 | % Change YoY | FY 2016 | % Change QoQ | FY 2017 | FY 2016 | % Change YoY |
| <b>OIL AND GAS</b>   |         |         |              |         |              |         |         |              |
| <b>Average Daily Total Gross Operated Production (boepd)<sup>1</sup></b> | 206,230 | 214,247 | (4)%         | 206,455 | 0%           | 206,342 | 216,081 | (5)%         |
| <b>Average Daily Gross Operated Production (boepd)</b>                   | 196,399 | 205,361 | (4)%         | 196,861 | 0%           | 196,629 | 207,538 | (5)%         |
| Rajasthan  | 167,699 | 168,126 | 0%           | 166,943 | 0%           | 167,323 | 170,164 | (2)%         |
| Ravva  | 18,823  | 26,064  | (28)%        | 19,637  | (4)%         | 19,228  | 27,303  | (30)%        |
| Cambay   | 9,877   | 11,172  | (12)%        | 10,281  | (4)%         | 10,078  | 10,071  | 0%           |
| <b>Average Daily Working Interest Production (boepd)</b>                 | 125,575 | 128,021 | (2)%         | 125,391 | 0%           | 125,484 | 129,286 | (3)%         |
| Rajasthan  | 117,390 | 117,688 | 0%           | 116,860 | 0%           | 117,126 | 119,115 | (2)%         |
| Ravva  | 4,235   | 5,864   | (28)%        | 4,418   | (4)%         | 4,326   | 6,143   | (30)%        |
| Cambay   | 3,951   | 4,469   | (12)%        | 4,113   | (4)%         | 4,031   | 4,028   | 0%           |
| <b>Total Oil and Gas (million boe)</b>                                   |         |         |              |         |              |         |         |              |
| Oil & Gas- Gross   | 18.07   | 18.89   | (4)%         | 17.91   | 1%           | 35.98   | 37.98   | (5)%         |
| Oil & Gas-Working Interest   | 11.55   | 11.78   | (2)%         | 11.41   | 1%           | 22.96   | 23.66   | (3)%         |
| <b>Zinc India</b>  |         |         |              |         |              |         |         |              |
| Mined metal content  | 192     | 240     | (20)%        | 127     | 51%          | 318     | 472     | (33)%        |
| <b>Refined Zinc - Total</b>  | 150     | 211     | (29)%        | 102     | 47%          | 252     | 398     | (37)%        |
| Refined Zinc - Integrated  | 149     | 211     | (30)%        | 101     | 47%          | 250     | 398     | (37)%        |
| Refined Zinc - Custom  | 1       | -       | -            | 1       | -            | 2       | -       | -            |
| <b>Refined Lead - Total <sup>2</sup></b>                                 | 31      | 40      | (24)%        | 25      | 25%          | 55      | 71      | (22)%        |
| Refined Lead - Integrated  | 31      | 39      | (22)%        | 25      | 25%          | 55      | 67      | (17)%        |
| Refined Lead - Custom  | -       | 1       | -            | -       | -            | -       | 4       | -            |
| <b>Silver - Total (in mn ounces) <sup>3</sup></b>                        | 3.45    | 3.59    | (4)%         | 2.85    | 21%          | 6.29    | 6.01    | 5%           |
| Silver- Integrated (in mn ounces)  | 3.45    | 3.54    | (3)%         | 2.85    | 21%          | 6.29    | 5.92    | 6%           |
| Silver- Custom (in mn ounces)  | -       | 0.05    | -            | -       | -            | -       | 0.09    | -            |
| <b>Zinc International</b>  | 39      | 63      | (38)%        | 43      | (8)%         | 82      | 133     | (38)%        |
| Zinc -Refined -Skorpion  | 23      | 17      | 37%          | 24      | (2)%         | 47      | 42      | 10%          |
| Mined metal content - BMM  | 16      | 16      | 2%           | 19      | (16)%        | 35      | 31      | 14%          |
| Mined metal content - Lisheen  | -       | 31      | -            | -       | -            | -       | 60      | -            |
| <b>IRON ORE (in million dry metric tonnes, or as stated)</b>             |         |         |              |         |              |         |         |              |
| <b>Sales</b>   | 0.8     | 0.6     | 25%          | 2.6     | (70)%        | 3.4     | 1.2     | -            |
| Goa  | 0.3     | -       | -            | 2.1     | (84)%        | 2.4     | -       | -            |
| Karnataka  | 0.5     | 0.6     | (27)%        | 0.5     | (12)%        | 1.0     | 1.2     | (14)%        |
| <b>Production of Saleable Ore</b>  | 1.5     | 0.8     | 78%          | 3.2     | (55)%        | 4.7     | 1.0     | -            |
| Goa  | 0.5     | 0.0     | -            | 2.4     | (78)%        | 2.9     | 0.0     | -            |
| Karnataka  | 0.9     | 0.8     | 22%          | 0.8     | 13%          | 1.7     | 1.0     | 79%          |
| Pig Iron   | 192     | 150     | 27%          | 181     | 6%           | 372     | 320     | 16%          |

| Particulars   | Q2      |         |              | Q1      |              | H1      |         |              |
|---|---------|---------|--------------|---------|--------------|---------|---------|--------------|
|   | FY 2017 | FY 2016 | % Change YoY | FY 2017 | % Change QoQ | FY 2017 | FY 2016 | % Change YoY |
| <b>COPPER - INDIA</b>                               |         |         |              |         |              |         |         |              |
| Copper - Cathodes                                   | 97      | 94      | 3%           | 100     | (3)%         | 198     | 193     | 3%           |
| Tuticorin Power Plant Sales (MU)                    | 30      | 118     | (75)%        | 60      | (50)%        | 90      | 293     | (69)%        |
| <b>COPPER - ZAMBIA</b>                              |         |         |              |         |              |         |         |              |
| Mined metal   | 29      | 33      | (12)%        | 29      | 2%           | 58      | 62      | (7)%         |
| <b>Copper - Total</b>                               | 47      | 47      | (1)%         | 45      | 6%           | 92      | 90      | 2%           |
| Integrated  | 28      | 32      | (15)%        | 28      | 0%           | 55      | 60      | (8)%         |
| Custom  | 19      | 15      | 29%          | 17      | 15%          | 36      | 30      | 22%          |
| <b>ALUMINUM</b>                                     |         |         |              |         |              |         |         |              |
| Alumina-Lanjigarh                                   | 292     | 272     | 8%           | 275     | 6%           | 567     | 541     | 5%           |
| <b>Total Aluminum Production</b>                    | 296     | 233     | 27%          | 244     | 21%          | 541     | 464     | 17%          |
| Jharsuguda-I  | 132     | 130     | 1%           | 129     | 2%           | 261     | 262     | 0%           |
| Jharsuguda-II <sup>4</sup>                          | 48      | 19      | -            | 28      | 70%          | 77      | 38      | -            |
| BALCO-I   | 63      | 65      | (3)%         | 63      | (1)%         | 126     | 127     | (1)%         |
| BALCO-II <sup>5</sup>                               | 52      | 19      | -            | 24      | -            | 77      | 37      | -            |
| BALCO 270 MW <sup>6</sup>                           | -       | -       | -            | -       | -            | -       | -       | -            |
| Jharsuguda 1800 MW (Surplus Power Sales)            | 156     | -       | -            | 355     | (56)%        | 511     | -       | -            |
| <b>POWER (in million units)</b>                     |         |         |              |         |              |         |         |              |
| <b>Total Power Sales</b>                            | 3,030   | 2,718   | nm           | 3,010   | 1%           | 6,039   | 5,789   | nm           |
| Jharsuguda 600 MW <sup>6</sup>                      | 605     | 1,554   | nm           | 892     | (32)%        | 1,497   | 3,820   | nm           |
| BALCO 600 MW  | 549     | 158     | -            | 607     | (9)%         | 1,156   | 158     | -            |
| MALCO   | 25      | 127     | (80)%        | 90      | (72)%        | 115     | 320     | (64)%        |
| HZL Wind Power                                      | 172     | 158     | 9%           | 148     | 16%          | 320     | 286     | 12%          |
| BALCO 270 MW <sup>6</sup>                           | -       | 28      | -            | -       | -            | -       | 128     | -            |
| TSPL  | 1,679   | 693     | -            | 1,272   | 32%          | 2,951   | 1,077   | -            |
| TSPL - availability                                 | 77%     | 86%     | -            | 72%     | -            | 75%     | 71%     | -            |
| <b>Ports - VGCB (in million tonnes)<sup>7</sup></b> |         |         |              |         |              |         |         |              |
| Cargo Discharge                                     | 1.3     | 2.1     | (40)%        | 1.6     | (21)%        | 2.9     | 3.6     | (21)%        |
| Cargo Dispatches                                    | 1.5     | 2.1     | (30)%        | 1.5     | (1)%         | 3.0     | 3.8     | (21)%        |

1. Including Internal Gas consumption
2. Excluding Captive consumption of 837 tonnes in Q2 FY 2017 vs 1,514 tonnes in Q2 FY 2016 and 1,921 tonnes in H1 FY 2017 vs 3,697 tonnes in H1 FY 2016
3. Excluding Captive consumption of 1,39,000 ounces in Q2 FY 2017 vs 2,51,000 ounces in Q2 FY 2016 and 3,16,000 ounces in H1 FY 2017 vs 6,13,000 ounces in H1 FY 2016
4. Including trial run production of 19 kt in Q2 FY 2017 vs 19 kt in Q2 FY 2016 and 29 kt in H1 FY 2017 vs 38 kt in H1 FY 2016
5. Including trial run production of 22 kt in Q2 FY 2017 and 28 kt in H1 FY 2017
6. Jharsuguda 1,800MW and BALCO 270 MW have been moved from the Power to the Aluminum segment from 1st April 2016
7. Vizag General Cargo Berth

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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, Liberia 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. For more information, please visit [www.vedantaresources.com](http://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.