



# *Jindal Steel and Power Ltd*

## *Investor Presentation*

1Q FY17 (Oct' 16)



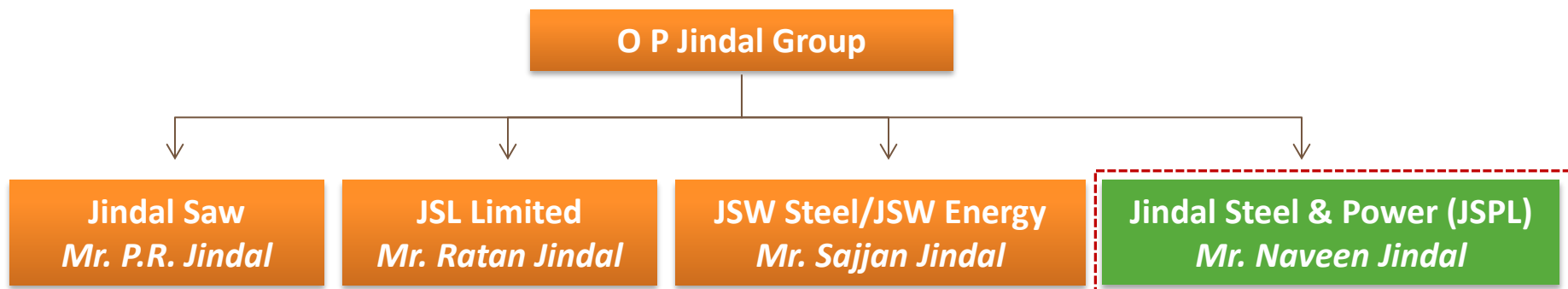
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# *Jindal Steel & Power Limited Building the Nation of Our Dreams*

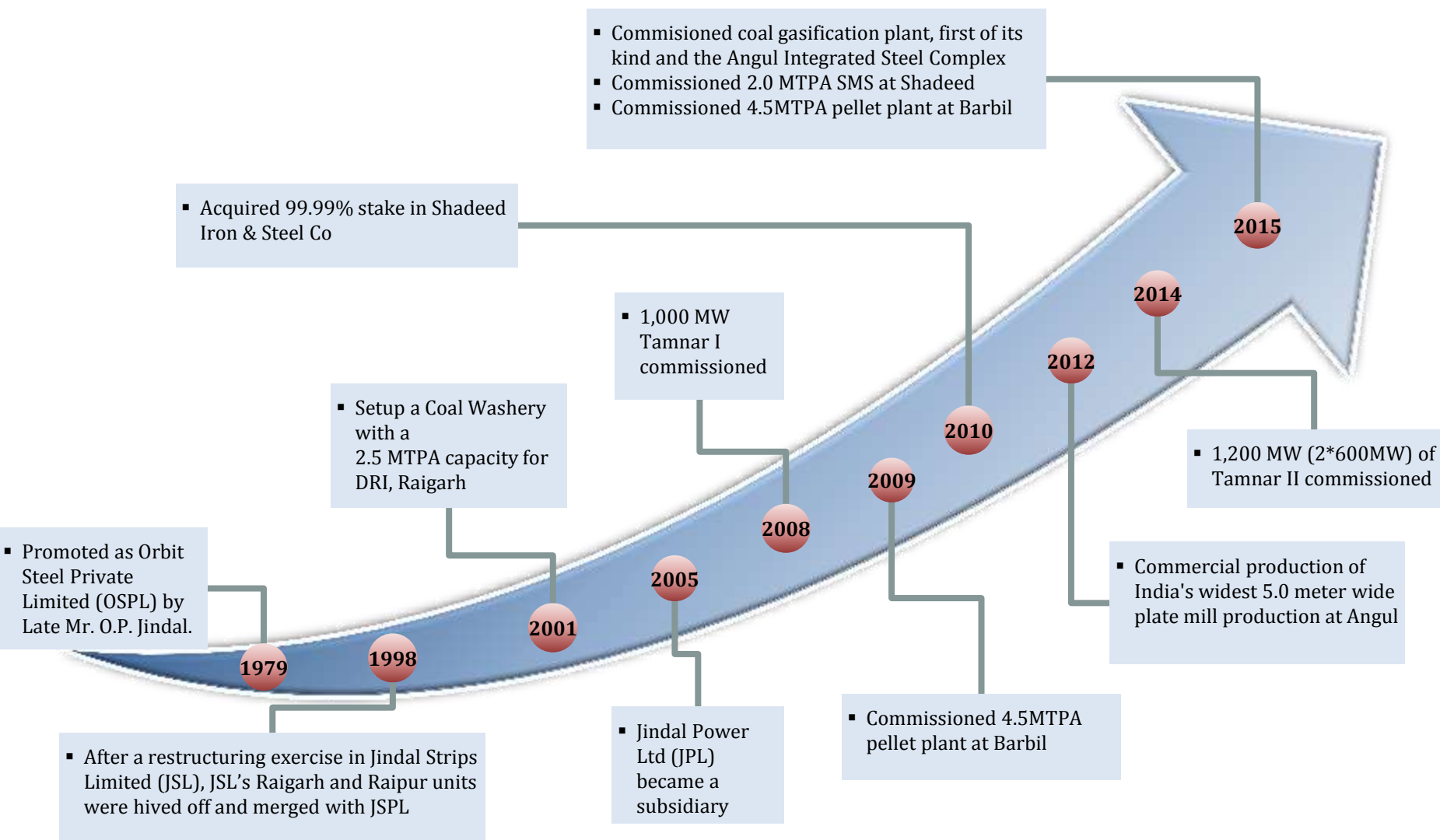


*Aerial View of Raigarh Plant*

# Ownership Structure - O P Jindal Group



# Key Milestones during our journey





✓ Capex cycle completed – on path to achieve multifold earnings growth



✓ Projects at strategic locations – in proximity to raw materials, end markets and evacuation infrastructure



✓ A comprehensive diversified long products portfolio with several unique high value added products

✓ Amongst the lowest cost producers of steel and power in India



✓ 3,400 MW IPPs set up at extremely competitive project cost

# *What differentiates us...*

## Technological innovation

- Coal gasification plant – first time in India
- Conversion of EAF into BoF
- Hot Charge DRI and Slab

## Project execution track record

- Projects set up within record timeline and cost
  - 3<sup>rd</sup> Unit of 4x600 power plant synchronized in record time of 16 months
  - Barbil pellet plant of 4.5 MTPA in 23 months
  - Oman 1.5 MTPA DRI project commissioned 4 months before schedule
  - Oman 2.0 MTPA SMS commissioned in 23 months

Superior asset quality and business model

# *What differentiates us...*

## Lowest cost producer

- Low cost of steel manufacturing on account of
  - Captive power supply and
  - Low logistics overhead due to strategic plant locations
- Power projects set up at extremely competitive project cost

## Integrated operations

- Presence across the entire steel making value chain
- Own railway siding at each of the plants

Superior asset quality and business model



**Ravi Uppal**

*MD & Group CEO*

- Experience: >36 years
- Qualification: MBA (IIM – A)



**Naveen Jindal**

*Chairman*

- Experience: 21 years
- Qualification: MBA (University of Texas)



**Shallu Jindal**

*Non Executive Director*

- Director of Jindal Power Limited



**R.V. Shahi**

*Independent Director*

- Experience: >33 years
- Qualification: MBA
- Former Power Secretary



**Arun Kumar Purwar**

*Independent Director*

- Experience: >30 years
- Qualification: M.Com
- Former CMD, SBI



**Arun Kumar**

*Independent Director*

- Experience: 38 years
- Qualification: MSc



**Haigreave Khaitan**

*Independent Director*

- Experience: >18 years
- Qualification: LLB



**Hardip Singh Wirk**

*Independent Director*

- Experience: >11 years
- Qualification: LLB



**Shalil Mukund Awale**

*Nominee director*

- Experience: 18 years
- Qualification: Chemical Engineering



**Rajeev Bhadauria**

*Whole time director*

- Experience: 28
- Qualification: LLB



**Dinesh Kumar Saraogi**

*Wholetime Director*

- Experience: 32 years
- Qualification: Mechanical Engineering



**Sudershan Kumar Garg**

*Independent Director*

- Experience: 39 years
- Qualification: Bcom & CA



**Anand Goel**

*Chief Advisor*

- Experience:  
>36 years



**K. Rajagopal**

*Group CFO*

- Experience:  
>30 years



**Rajesh Bhatia**

*CEO-Global  
business*

- Experience:  
>25 years



**VK Mehta**

*Director, S&M*

- Experience:  
>36 years)



**N.A. Ansari**

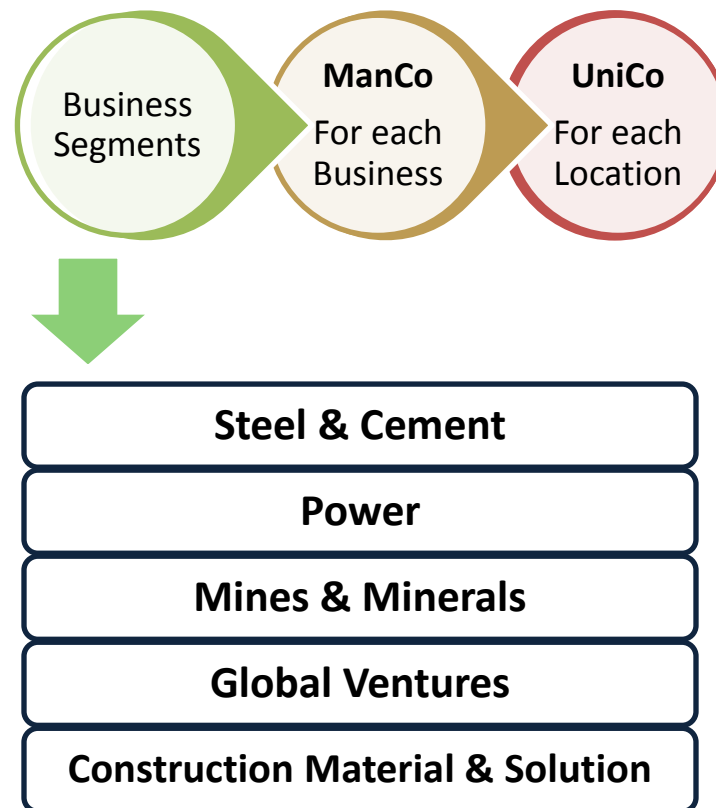
*CEO, Oman*

- Experience:  
>38 years.

## Strategic Governance Structure



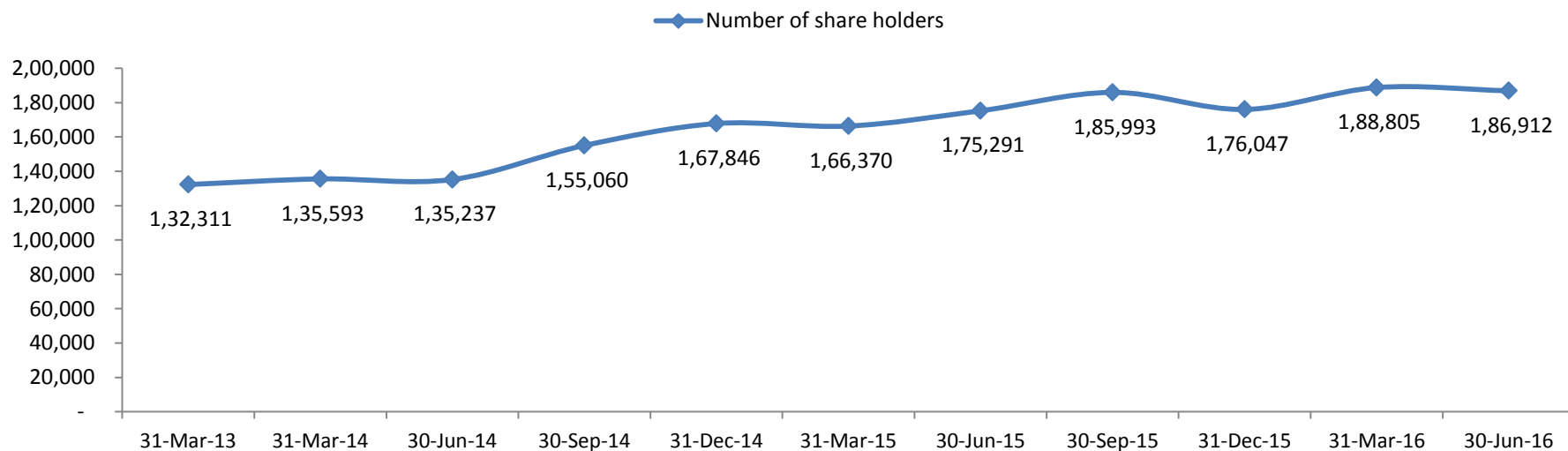
## Operational Governance Structure



## Implementation of Strategic & Operational Governance Structure

|                                | 31-Mar-13      | 31-Mar-14      | 31-Mar-15      | 30-Jun-15      | 30-Sep-15      | 31-Dec-15      | 31-Mar-16      | 30-Jun-16      |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Promoters                      | 59.13%         | 60.41%         | 61.29%         | 61.34%         | 61.89%         | 61.89%         | 61.89%         | 61.89%         |
| Institutional Investors        | 27.45%         | 26.45%         | 22.66%         | 21.91%         | 19.53%         | 22.35%         | 21.08%         | 21.33%         |
| Public and other share holding | 13.42%         | 13.14%         | 16.05%         | 16.75%         | 18.58%         | 15.76%         | 17.03%         | 16.77%         |
| <b>Total</b>                   | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> | <b>100.00%</b> |
| Number of share holders        | 1,32,311       | 1,35,593       | 1,66,370       | 1,75,291       | 1,85,993       | 1,76,047       | 1,88,805       | 1,86,912       |

## Number of shareholders



# *Focus for FY17*

## **Capacity Utilization**

- Ensure Full Utilization of Steel Capacity
- Increase Operational efficiency of all processes
- Transition of product mix – More “ Value Added” & “ Premium” products
- Commission & Commercial production from Rebar mill in Angul
- Optimally utilize power capacities to generate higher operating profits

## **Financial Prudence**

- Cost Savings & Incremental Operating Profits by Completion of Angul Phase IB
- Substantially increase margins in Oman - utilize full Rebar capacity
- Further reduction in Working Capital

Steel

Power

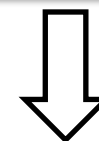
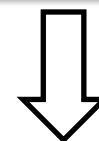
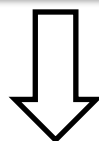
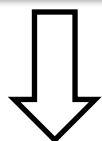
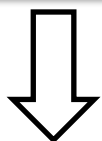
Mines & Minerals

Global Ventures

Construction Material & Solution



Current Capacities – Domestic & Global



4.75 MTPA Steel\*

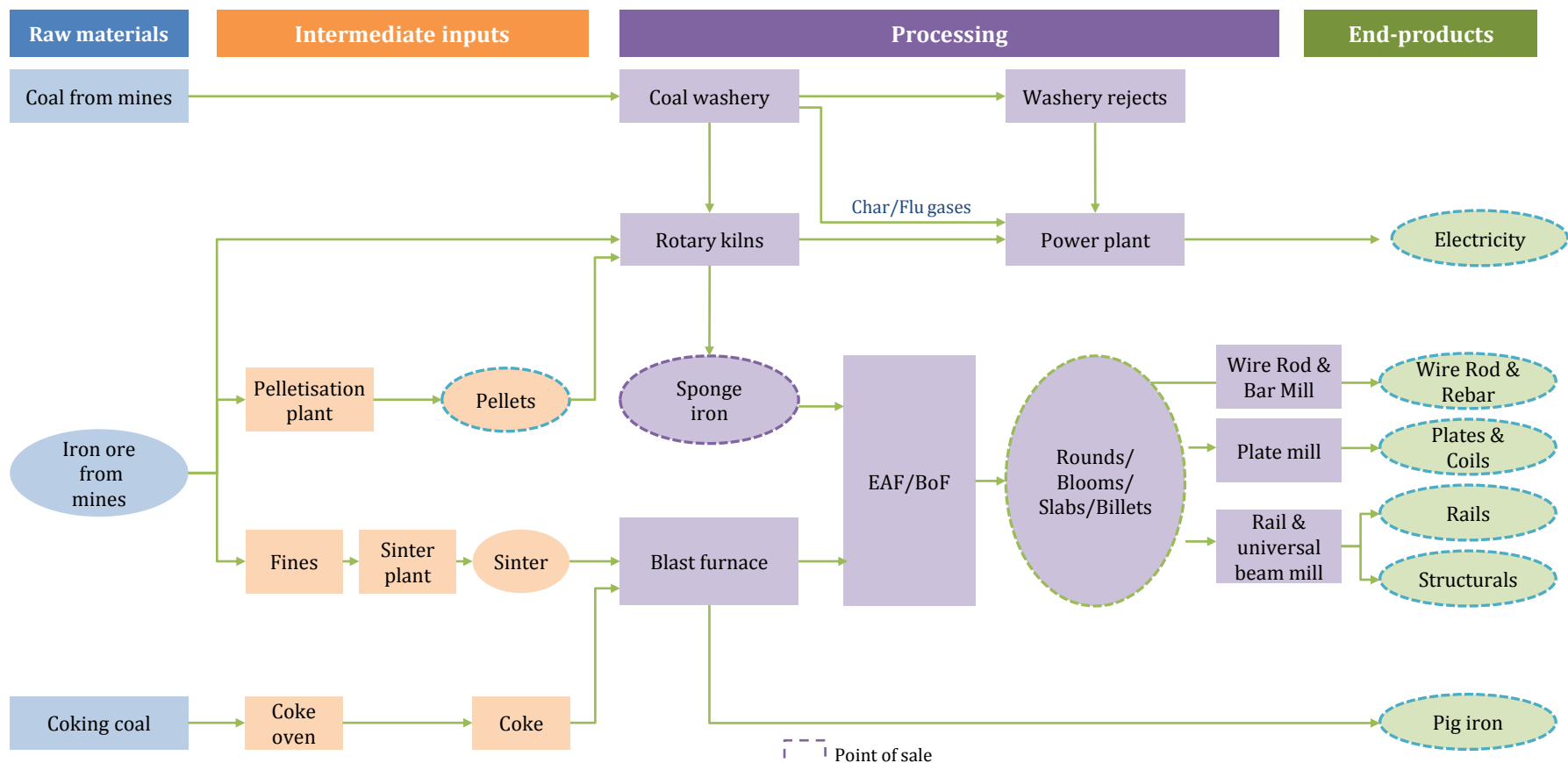
IPP – 3400\*\* MW  
CPP – 1634 MW  
Renewable – 24 MW

3.11 MTPA\*

2 MTPA Steel  
6.25 MTPA Mines

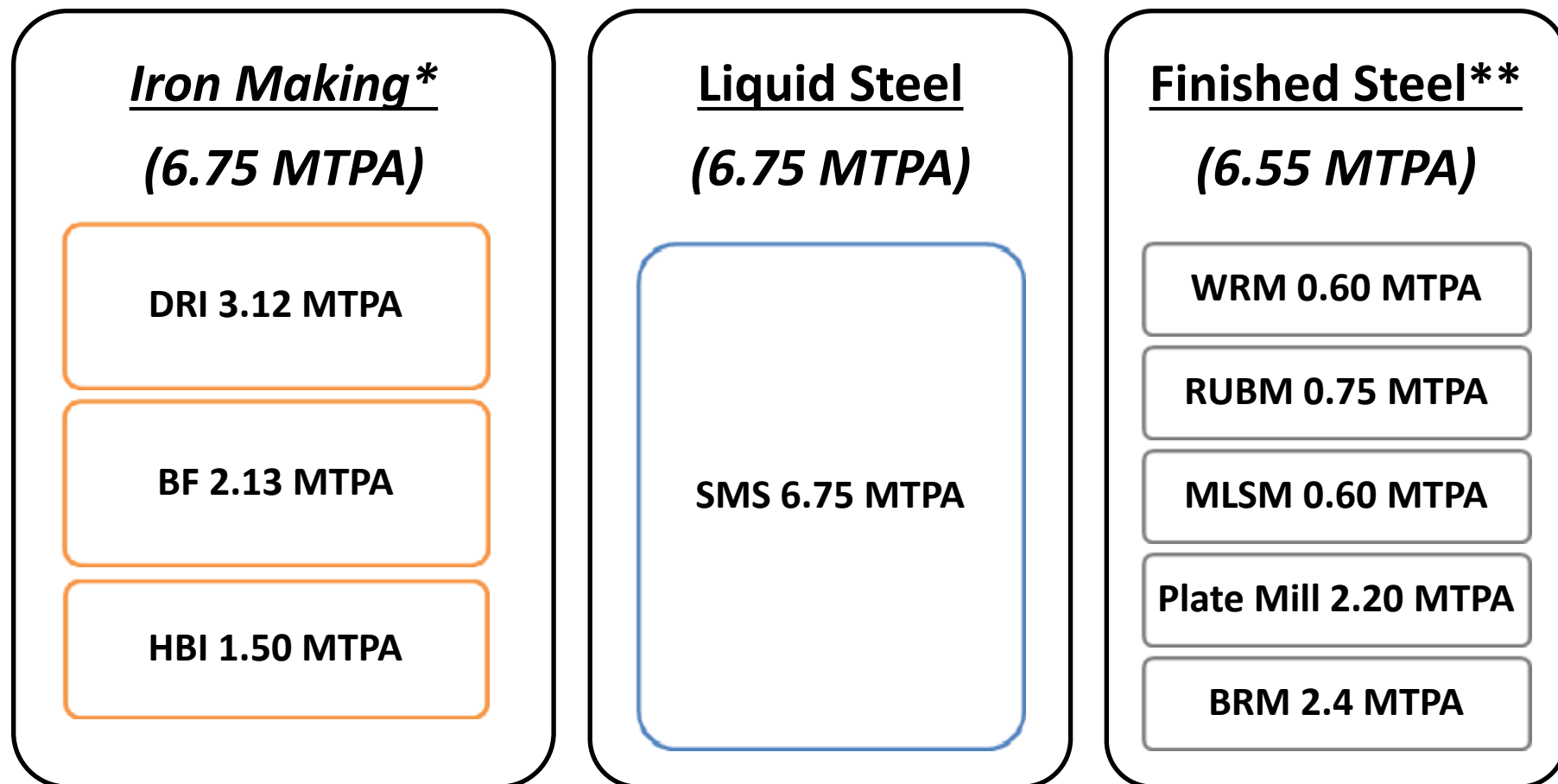
Cement  
Road solutions  
LGS

## Integrated Operations with multiple point of sale



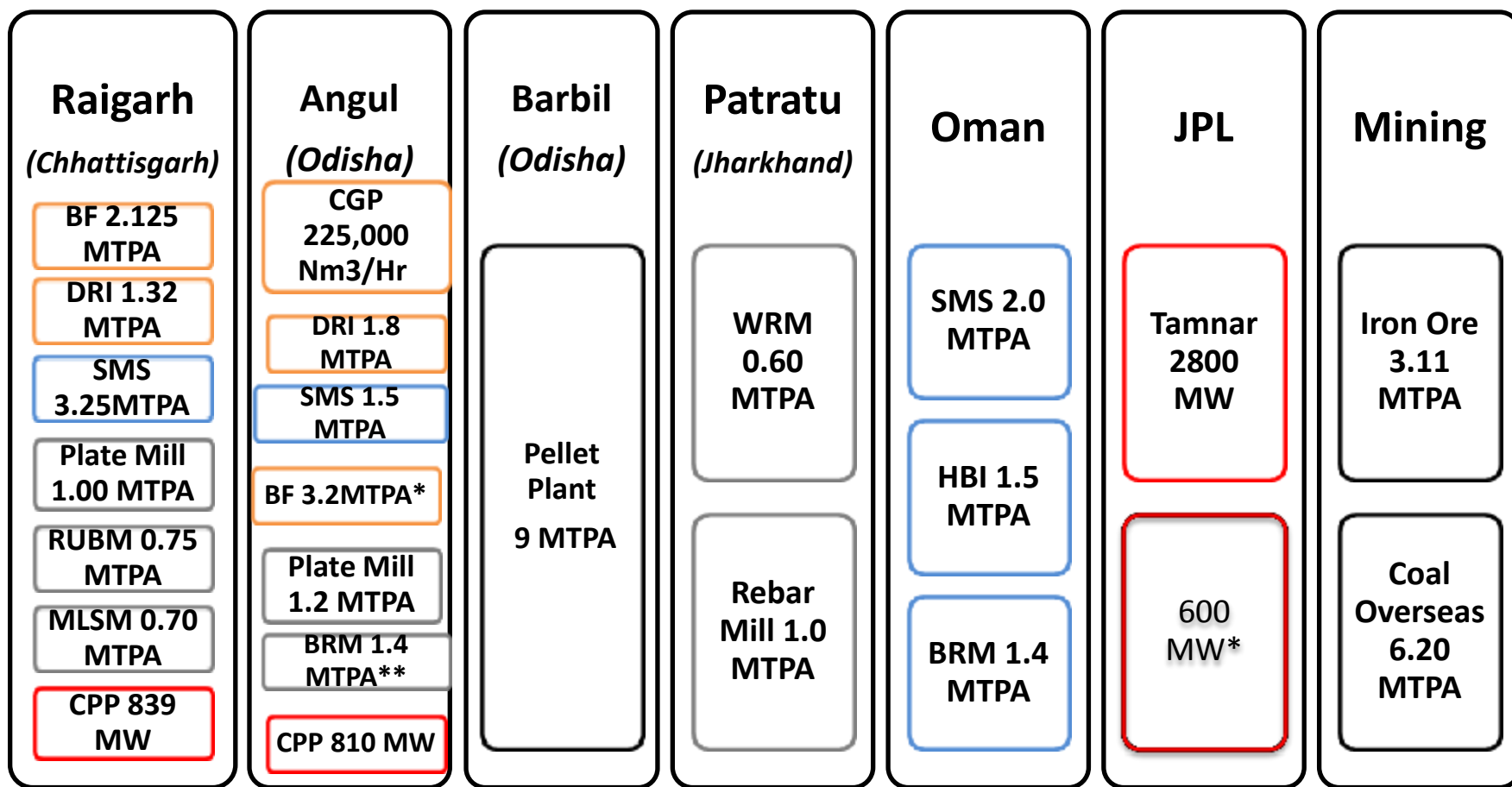
Multiple sale points across steel value chain

## Steel Capacities across Life Cycle



\*BF in Angul 3.2 MTPA - Commissioning in FY17

\*\*BRM in Angul 1.4 MTPA - Commissioning in FY17 → Effective Finished Steel 7.95 MTPA



Power
  Hot Metal
  Liquid Steel
  Finished Steel

\*BF in Angul 3.2 MTPA - Commissioning in FY17

\*\*BRM in Angul 1.4 MTPA - Commissioning in FY17

\*To be commissioned

## LONG PRODUCTS



### Rail

**Track Rail:** IRS 52, UIC 60(E1&E2), UIC 54E  
**Crane Rails:** CR 80, CR 100



### Parallel Flange Beams & Columns

**Sections:** UB, UC, NPB, WPB, IPE and HE series.  
**Size range:** 180mm to 900mm



### Channel

**Sizes:** 75mm to 400mm



### Angles

**Sizes:** 50mm to 250mm



### Wire Rods

**Grades:** MS, MC & HC, EQ, Boron and other Alloy Steel  
**Size range:** 5.2mm, 5.5mm to 22mm



### Jindal Panther TMT Rebars

**Grades:** 500, 500D, 550, 550D, 600 and CRS  
**Size range:** 6mm to 40mm, 45\*, 50\*



## Plates

**Width:** 1500mm to 4900mm

**Thickness:** 5mm to 150mm



## Fabricated Structures

**Sections:** H-type Beam, I-type Beams, Box Sections and Star Columns

**Sections:** Depth: 350mm - 3000mm, Flange Width: 250mm - 1000mm, Length: 3 to 18 meters



## Cut & Bend

Customized and Ready to Use  
TMT Rebars



## Coils

**Width:** 1500mm to 2500mm

**Thickness:** 5mm to 25mm



## Speed Floor

**Available Joist Depth:** 200mm, 250mm, 300mm, 400mm



## Welded Wire Mesh

**Width:** 1200mm to 3200mm

**Length:** 2000mm to 6000mm



- *Developed steel grades for various critical applications like boilers, ship building, petroleum pipes, high strength grades for automotive and earth movers, structural steel for oil exploration platforms, grades for making warships , ballistic launch applications and bullet proof vehicles, stainless steel low thickness plates for nuclear application*

## Value Added Products – help in higher Turnover & EBITDA margins



Cement



Cut & Bend



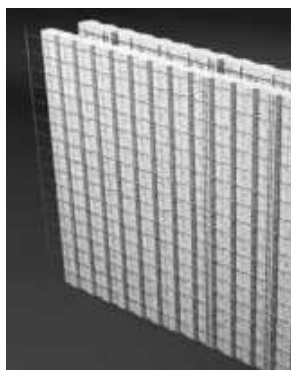
Welded Mesh



Speed Floor



LGS



EPS Panels



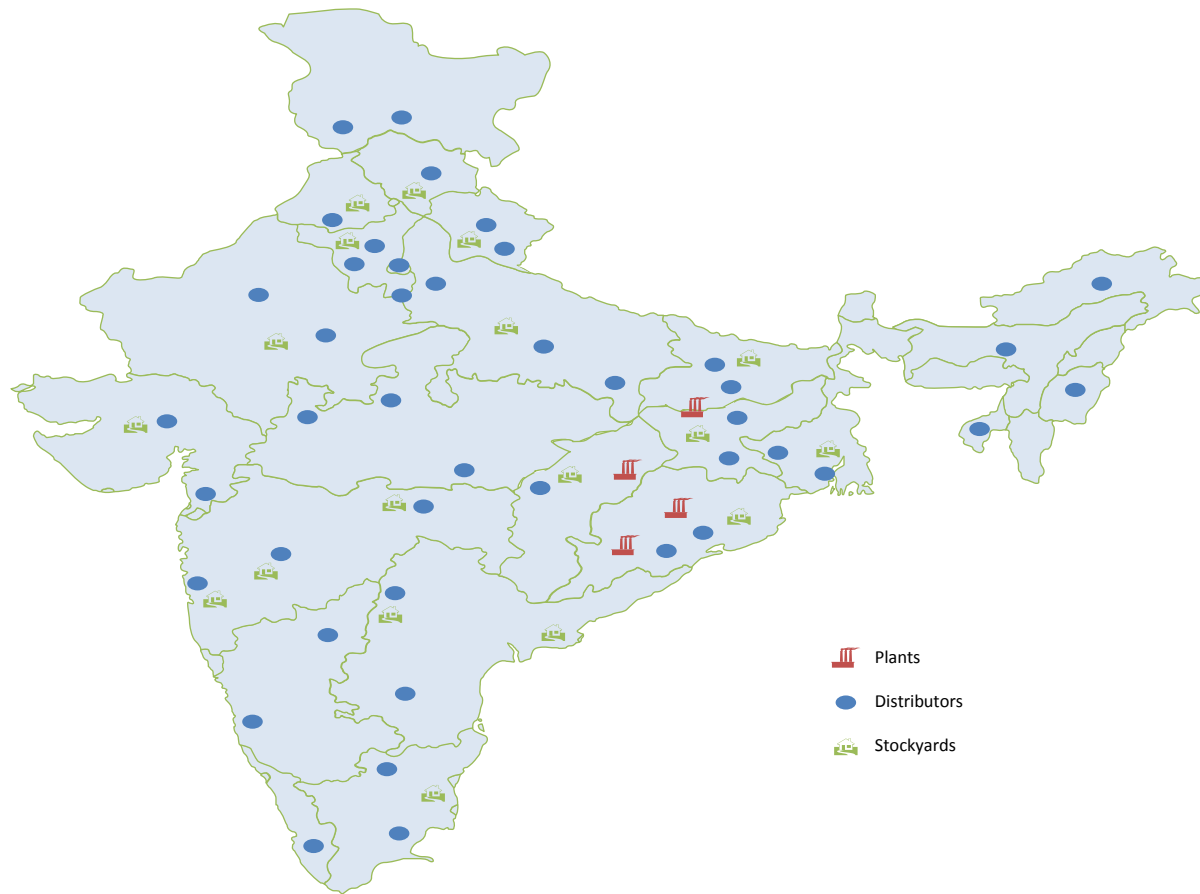
Road Stabilizer



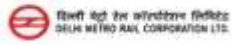
Bricks & Pavers



LWA



Pan India presence with multiple customer touch points

|                                                                                    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
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Customer base comprising large public and private sector clients

# ***POWER BUSINESS***



## Power Capacities at a glance

### Independent Power Projects (IPP)

| Project                  | Capacity (MW) | Fuel | Configuration | Status                                            |
|--------------------------|---------------|------|---------------|---------------------------------------------------|
| Tamnar 1 <sup>(a)*</sup> | 1,000         | Coal | 4x250 MW      | Operational                                       |
| Tamnar 2 <sup>(a)</sup>  | 2,400         | Coal | 4x600 MW      | 1,800 MW operational, balance 600 MW synchronized |
| Satara <sup>(b)*</sup>   | 24            | Wind | 18x1.5 MW     | Operational                                       |

*\*Divestment announced*

### Captive power projects (within JSPL)

| Project       | Capacity (MW) | Fuel              | Configuration                                               | Status      |
|---------------|---------------|-------------------|-------------------------------------------------------------|-------------|
| DCPP, Raigarh | 540           | Coal              | 4x135 MW                                                    | Operational |
| JSPL, Raigarh | 299           | Coal & waste heat | 2x25 MW & 40 MW (Waste heat)<br>2x55 MW<br>3x25 MW<br>24 MW | Operational |
| Angul, Odisha | 810           | Coal              | 6 x135 MW                                                   | Operational |



One of the largest thermal portfolios in India

***96.43% subsidiary of JSPL***



**EUP - I**

**1000MW (4 X 250)**

**EUP - II**

**1200MW (2 X 600)**

**EUP - III**

**1200MW (2 X 600\*)**

**\*600 MW Synchronized, Await Commissioning**

## Key Contractual Arrangements for JPL

|            |                                                                                    | Tamnar-I, 1,000 MW (EUP I)                                                                                                                                          | Tamnar-II - 1,200 MW (EUP II)                                                                                                                    | Tamnar-II - 1,200 MW (EUP III)                                                                                                                 |
|------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| FSA        |   | <ul style="list-style-type: none"> <li>Awaiting clarity on Tara Coal Block</li> <li>In the interim, coal sourced through – market purchase and e-auction</li> </ul> | <ul style="list-style-type: none"> <li>Long term linkage from Mahanadi Coal Limited (MCL) and South Eastern Coalfields Limited (SECL)</li> </ul> | <ul style="list-style-type: none"> <li>Awaiting clarity on Gare Palma IV/2 &amp; 3 Coal mine</li> <li>Market purchase and e-auction</li> </ul> |
| PPA        |   | <ul style="list-style-type: none"> <li>TNEB – 200 MW</li> <li>Bilateral/short term/merchant</li> </ul>                                                              | <ul style="list-style-type: none"> <li>TNEB – 400MW</li> <li>CSEB – 60MW</li> <li>KSEB – 200MW</li> <li>KSEB – 150MW</li> </ul>                  | <ul style="list-style-type: none"> <li>CSEB – 60MW</li> </ul>                                                                                  |
| Evacuation |  | <ul style="list-style-type: none"> <li>258km transmission line from plant to national grid</li> </ul>                                                               | <ul style="list-style-type: none"> <li>Open access against PPAs</li> </ul>                                                                       | <ul style="list-style-type: none"> <li>Open access to be finalised against PPAs</li> </ul>                                                     |

Raw materials, transmission & PPAs in place for achieving higher PLF

## PPA Arrangements

| Project             | Buyer        | Type        | Period                                                            |        | Quantum (MW) |
|---------------------|--------------|-------------|-------------------------------------------------------------------|--------|--------------|
|                     |              |             | From                                                              | To     |              |
| Tamnar II (Phase 1) | Tamil Nadu   | Long Term   | Feb-14                                                            | Sep-28 | 400          |
| Tamnar I            |              | Medium Term | Sep-12                                                            | Aug-17 | 200          |
| Tamnar II (Phase 1) | KSEB         | Long Term   | Jun-16                                                            | May-41 | 200          |
| Tamnar II (Phase 1) |              | Long Term   | Oct-17                                                            | Sep-42 | 150          |
| Tamnar II (Phase 1) | Chhattisgarh | Long Term   | After commercial operation of Unit and for complete life of plant |        | 60           |
| Tamnar II (Phase 2) |              | Long Term   | After commercial operation of Unit and for complete life of plant |        | 60           |

**Over 30% of total capacity tied up \***

## Upcoming PPAs

| Procurer      | Type             | Quantum (MW) | Schedule delivery              | Tenure (years) |
|---------------|------------------|--------------|--------------------------------|----------------|
| Uttar Pradesh | Long Term        | 2,800        | Oct-16                         | 15             |
| Bihar         | Long Term        | 500          | 3 year after submission of RFP | NA             |
| Uttar Pradesh | Long Term        | 1,000        | Oct-16                         | 15             |
| Railways      | Medium/Long Term | 210/180      | Apr-17                         | 1/12           |

**JPL - Well placed on account of low capital cost base**

| Particulars  | Net Sales<br>(Rs. Cr.) | PAT<br>(Rs. Cr.) | Generation<br>(MU) | PLF                       |
|--------------|------------------------|------------------|--------------------|---------------------------|
| Year 2015-16 | 3,015                  | (102)            | 9,542              | 59% (EUP1)<br>28% (EUP 2) |
| Year 2014-15 | 3,228                  | (171)            | 10636              | 93% (EUP 1)               |
| Year 2013-14 | 2,457                  | 1,107            | 8282               | 92%                       |
| Year 2012-13 | 2,510                  | 1,113            | 7973               | 91%                       |
| Year 2011-12 | 3,040                  | 1,765            | 8589               | 98%                       |



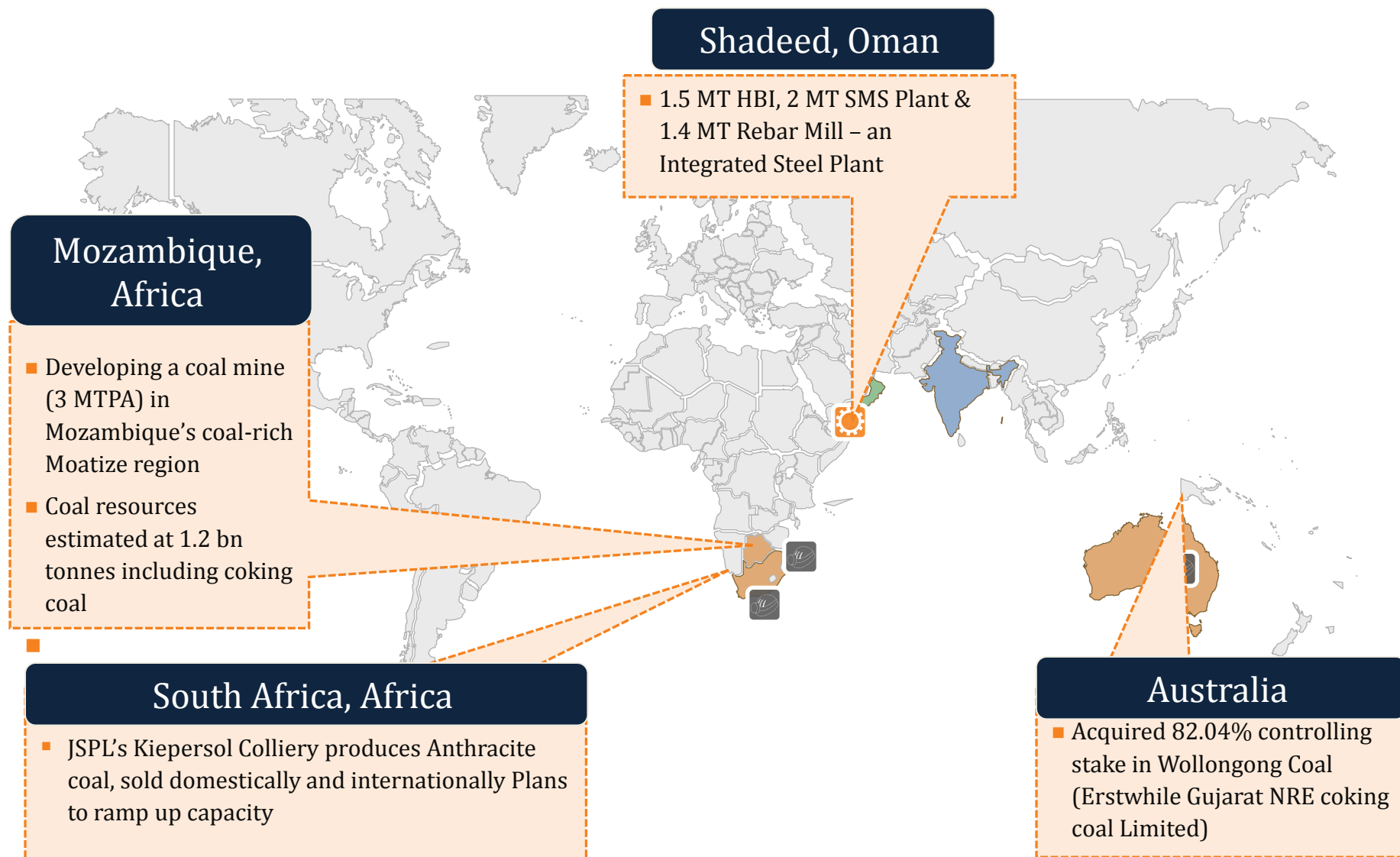
## JPL- Snapshot of Key Financials

| Particulars                    | 1QFY17 | 4QFY16 | 1QFY16 | %YoY  | %QoQ |
|--------------------------------|--------|--------|--------|-------|------|
| Net Sales                      | 668    | 692    | 616    | 8%    | -3%  |
| EBITDA                         | 182    | 119    | 180    | 1%    | 53%  |
| EBITDA%                        | 27%    | 17%    | 29%    |       |      |
| PBT                            | (217)  | (475)  | (54)   | 302%  | 54%  |
| Profit/(Loss) after Tax        | (217)  | (332)  | (70)   | -410% | 35%  |
| Depreciation +<br>Amortization | 322    | 647    | 243    | -233% | -50% |
| Cash Profit                    | 104    | 204    | 185    | -44%  | -49% |
| Generation (MU)                | 2171   | 2358   | 1875   | 16%   | -8%  |
| PLF (%) - 4X250 MW             | 51%    | 61%    | 45%    |       |      |
| PLF (%) - 3X600 MW             | 27%    | 26%    | 23%    |       |      |

***Increase in PPA offtake likely to push EBITDA margins up***

# ***GLOBAL VENTURES***





## *Holding structure for global operations*

**Jindal Steel & Power Ltd**

Listed Operating Entity in India

**Jindal Steel & Power (Mauritius) Ltd**

Holding company for overseas business

Oman

2 MTPA Steel plant

Australia

Coking Coal

South Africa

Anthracite Coal

Mozambique

Thermal/ Coking Coal

## Marching towards becoming a Fully Integrated Steel Plant



**1.5 HBI** → **2 MTPA SMS** → **1.4 MTPA Rolling Mill**

## Oman - Salient Features

- First & Largest Integrated steel plant of Oman
- Third largest in Arabian Peninsula
- Port based steel plant
- Largest Arc furnace in Arabian Peninsula, with contracted natural gas
- Worlds Best Performing Midrex plant (category 1.5MTPA)
- Products : TMT Rebars, HBI, Blooms & Billets

## Sourcing of Raw Materials - Oman Plant

- Iron Ore Pellets from **Vale** (*Next door neighbour*)
- Natural Gas from Oman Government through long term contract (*at concessional prices*)
- Scrap from External Purchase

## An Underground Anthracite and Lean Bituminous Coal mine



- **Location:** Piet Retief in Mpumalanga province, South Africa
- **Resources :** Up to 40 MT
- **Reserves:** 22 MT
- **Products :** Anthracite coal
- **Mining Capacity :** Can be expanded to 1.2 MTPA capacity annually

## Open Cut Coking & Thermal Coal Mine



- **Location:** Chirodzi, Mozambique (105 kms from Tete)
- **Resources :** 2,000 MT
- **Reserves:** 132 MT
- **Products :** Semi Hard coking coal , High Grade Thermal Coal
- **Mining Capacity :** 3 MTPA

# Mozambique - Salient Features



## Coking Coal Asset

Exploration License over 100 square kms.  
in Central Kalimantan

Medium to large size deposits of hard  
coking

## Thermal Coal Asset

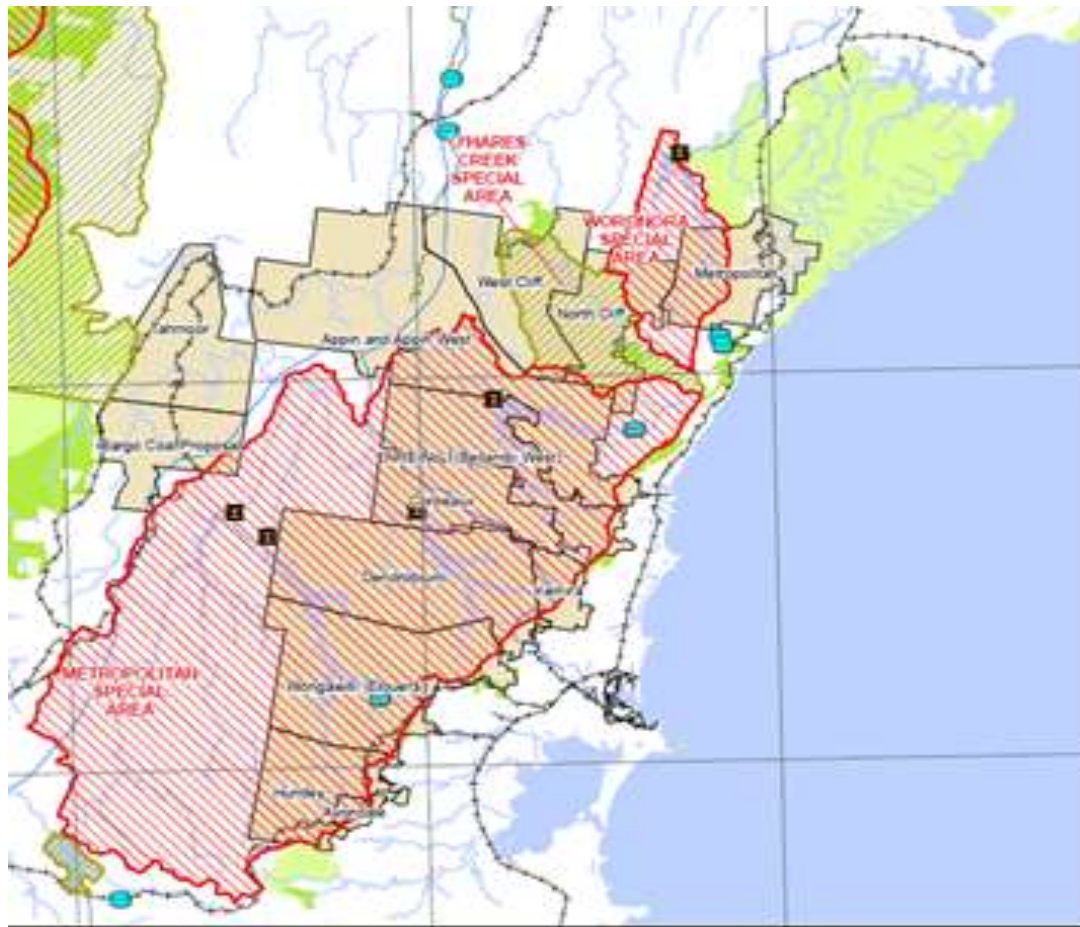
- Large size deposit of low ash – low sulphur thermal coal for open cast operation
  - MoU signed with Bupati Barito to develop road for coal hauling
- 
- Return load for 200,000 MT tonnages secured resulting in decrease of logistics costs
  - Infrastructure developed in Moatize for storage and loading of coal into trains

Two Mines with Unique unmatched location & strategic advantages



- **Location:** Russell Vale & Wongawilli (Wollongong - 80 kms. South of Sydney)
- **Reserves :** 175 MT
- **Products :** High Quality Coking Coal
- **Mining Capacity :** Targeting 2 MTPA
- **Logistics :** Port Kembla - Less than 20 kms

# Australia - Salient Features



## ➤ Unique Geographic Location

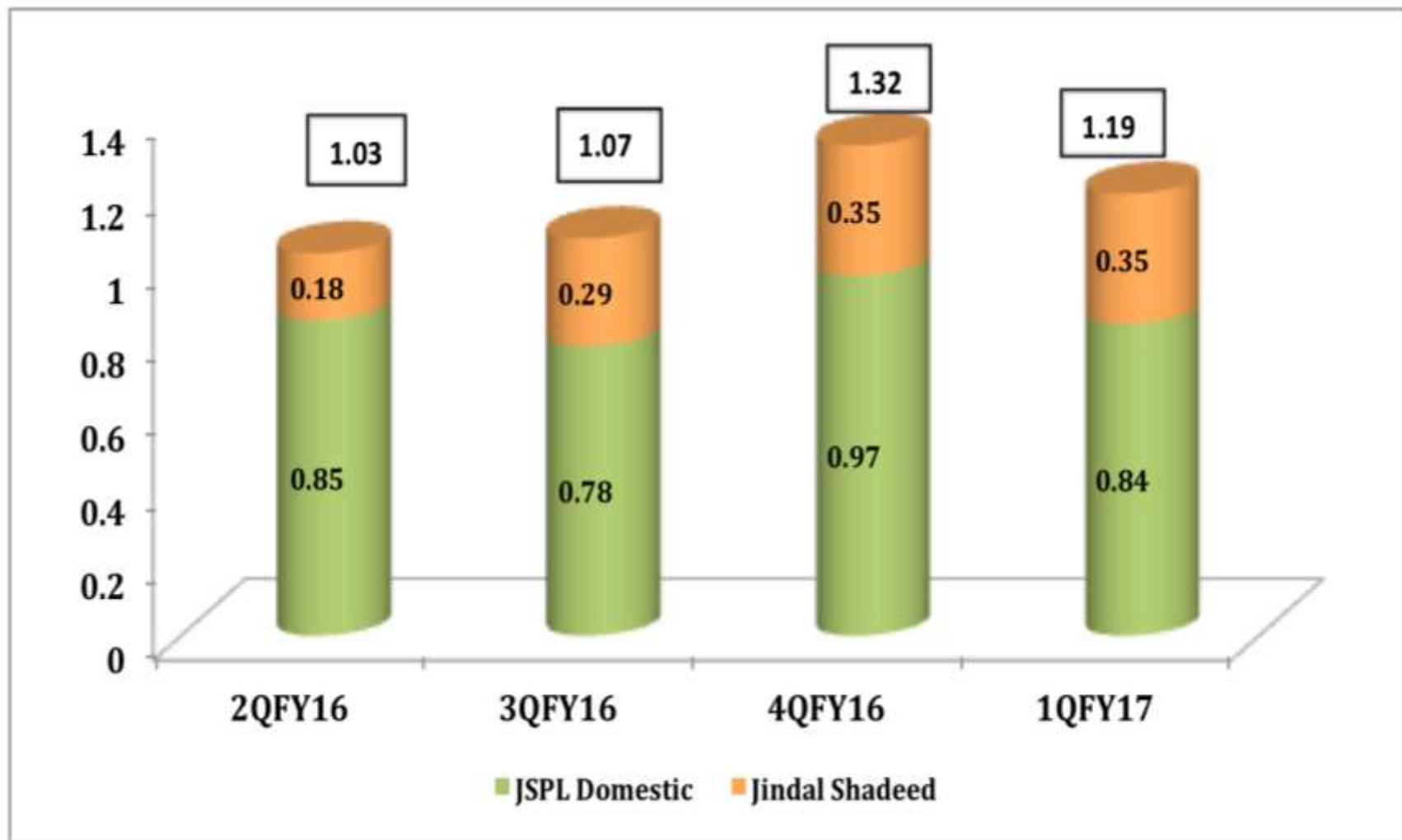
- Wollongong  
(80 kms. South of Sydney)
- Experienced mining community available
- Port Kembla:  
Less than 20 kms with sufficient coal handling and Cape size capacity
- Easy and reliable connectivity through Rail and Road

**Unique unmatched location with significant strategic advantages**

# *Financials & Operational Highlights*

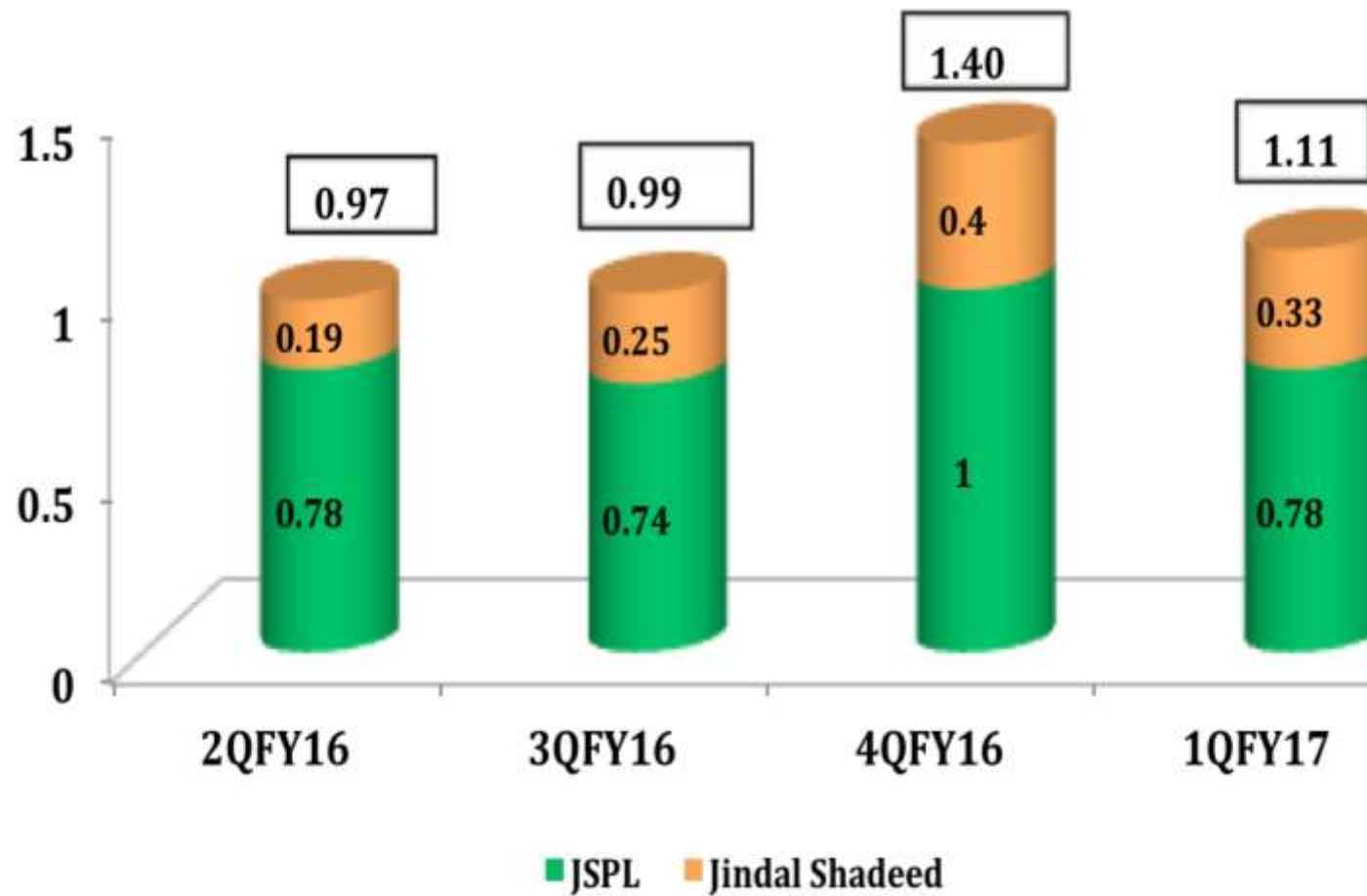


# Consolidated Steel Production



■ JSPL Domestic ■ Jindal Shadeed

# Consolidated Steel Sales Volumes



|                           | FY08  | FY09   | FY10   | FY11   | FY12   | FY13   | FY14   | FY15   | FY16   |
|---------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>INCOME STATEMENT</b>   |       |        |        |        |        |        |        |        |        |
| Revenue                   | 5,539 | 10,913 | 11,152 | 13,194 | 18,351 | 19,943 | 19,352 | 19,626 | 18,632 |
| EBITDA                    | 2,253 | 5,908  | 5,232  | 6,398  | 6,935  | 6,131  | 5,522  | 5,708  | 3,633  |
| PAT                       | 1,251 | 3,007  | 3,635  | 3,804  | 4,002  | 2,912  | 1,894  | -1,455 | -1,999 |
| Cash Profit               | 1,810 | 4,194  | 4,760  | 5,115  | 5,575  | 4,594  | 3,876  | 2,065  | 240    |
| <b>SIGNIFICANT RATIOS</b> |       |        |        |        |        |        |        |        |        |
| EBITDA Margin (%)         | 41%   | 54%    | 47%    | 48%    | 38%    | 31%    | 29%    | 29%    | 20%    |
| Net Profit to Sales (%)   | 23%   | 28%    | 33%    | 29%    | 22%    | 15%    | 10%    | -8%    | -11%   |
| EPS(INR/Share)            | 13.5  | 32.4   | 39.1   | 40.8   | 42.42  | 31.13  | 20.53  | -13.97 | -20.79 |

## Standalone 1Q FY 17 - Snapshot of Key Financials

| Particulars                   | Q1 FY 17 | Q1 FY16 | Q4 FY 16 | % Y-o-Y | % Q-o-Q |
|-------------------------------|----------|---------|----------|---------|---------|
| Total Revenue                 | 3,124    | 3,126   | 3,436    | 0%      | -9%     |
| EBITDA                        | 659      | 706     | 667      | -7%     | -1%     |
| EBITDA %                      | 21%      | 23%     | 19%      |         |         |
| Depreciation                  | 489      | 636     | 483      | -23%    | 1%      |
| Finance Cost                  | 601      | 690     | 644      | -13%    | -7%     |
| Profit/(Loss) before tax(PBT) | (431)    | (584)   | (461)    | 26%     | 7%      |
| Tax                           | (154)    | (213)   | (222)    |         |         |
| Profit/(Loss) after tax (PAT) | (277)    | (371)   | (239)    | 25%     | -16%    |

## Consolidated 1Q FY 17 - Snapshot of Key Financials

| Particulars                    | Q1 FY 17 | Q1 FY16 | Q4 FY 16 | % Y-o-Y | % Q-o-Q |
|--------------------------------|----------|---------|----------|---------|---------|
| Total Revenue                  | 4,655    | 4,406   | 4,915    | 6%      | -5%     |
| EBITDA                         | 984      | 1,009   | 888      | -2%     | 11%     |
| EBITDA %                       | 21%      | 23%     | 18%      |         |         |
| Depreciation                   | 917      | 996     | 1,184    | -8%     | -23%    |
| Finance Cost                   | 853      | 852     | 859      | 0%      | -1%     |
| Exceptional Item               | (625)    |         | 113      |         |         |
| Profit/(Loss) before tax (PBT) | (1,380)  | (753)   | (972)    | -83%    | -42%    |
| Tax                            | (141)    | (194)   | (376)    |         |         |
| Profit/(Loss) after tax (PAT)  | (1,240)  | (559)   | (596)    | -122%   | -108%   |

# **Key Initiatives & Project Updates**

## Ushering Turnaround: Blast Furnace Construction, Angul



## Ushering Turnaround: Coke Oven Plant Construction, Angul



## Ushering Turnaround: Sinter Plant Construction, Angul



## Converted : EAF to NEOF (Zero power furnace), Raigarh



- JSPL has successfully converted one of its Electric Arc Furnace(EAF) to a basic oxygen type furnace.
- Would result in i) lower Thermal coal requirement (as more hot metal produced through Blast Furnace route will be used) ii) power savings and iii) eliminates consumption of Electrodes.
- This will result in substantial saving in our steel making (liquid steel) cost at Raigarh. .

## Upgraded : 1.0 MTPA Plate Mill, Raigarh



## Commissioned : 1.4 MTPA Rebar Mill, Oman

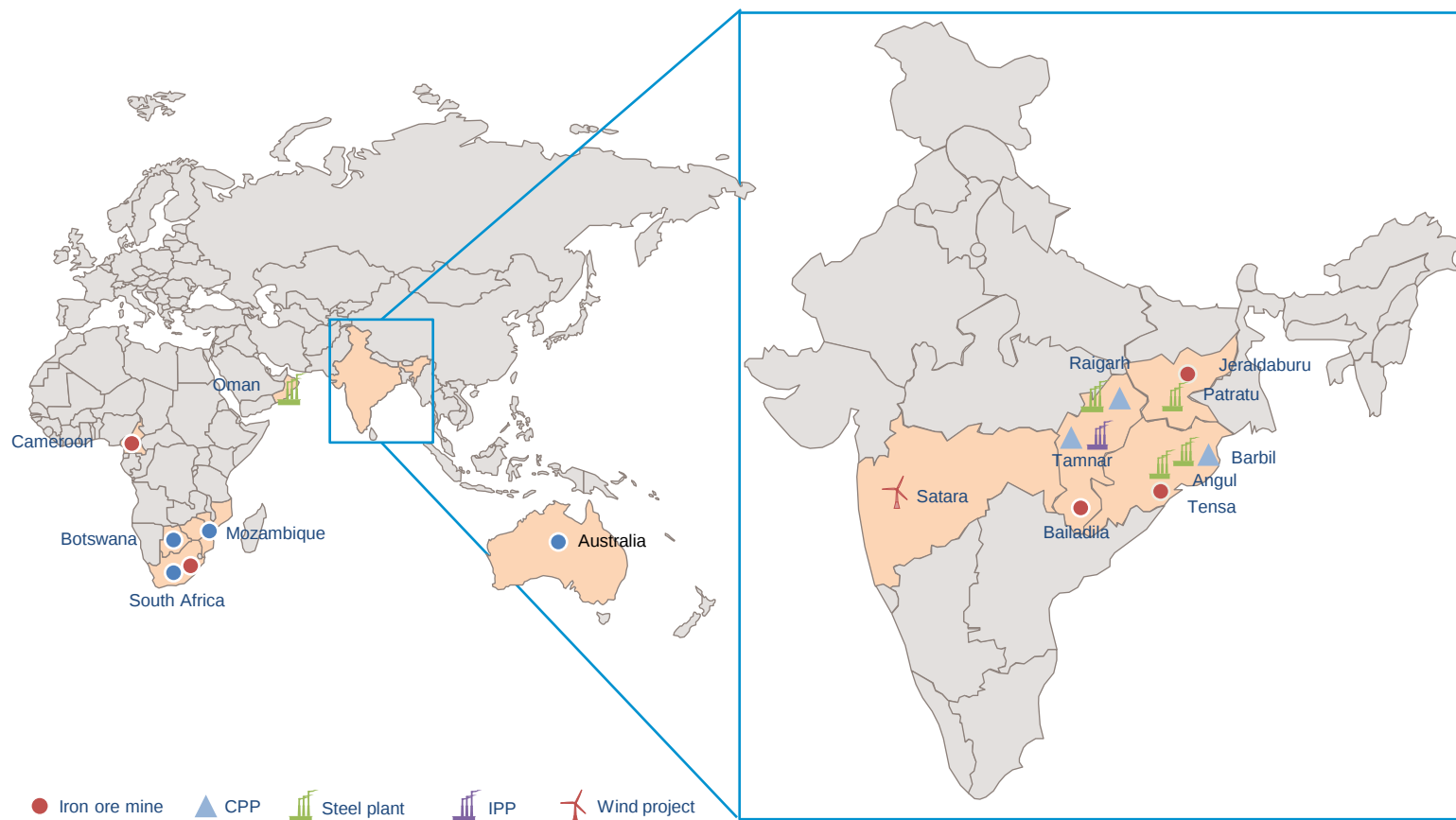


## Construction & Solutions Growth : BKC, Mumbai



# Facilities at a glance

# Global Presence in attractive markets



Presence in resource rich regions well connected with evacuation infrastructure

# ***Chhattisgarh State***









**JINDAL**  
**PANTHER**

***Jindal Power Ltd. – 4x600 MW - Tamnar***

**JINDAL**



# ***Odisha State***



# *Pellet Plant, Barbil*



# ***Jharkhand State***



***Oman***







## 9 PILLARS OF CSR



### HEALTH

Establishing multiple charitable clinics, hospitals and providing world-class health facilities to its employees and communities.



### INFRASTRUCTURE DEVELOPMENT

Improve quality of life by reducing rural urban divide. Easy access to modern amenities and improve surroundings.



### ENVIRONMENT

Protecting the environment through JSPL's policies and practices.



### EDUCATION

Capacity building through education and enabling environment for children to evolve as responsible citizens.



### LIVESTOCK

Improved animal husbandry practices for improve health status of livestock.



### ADMINISTRATIVE EXPENSES



### LIVELIHOOD

Development of self-dependency and encouragement for practical skills for individual community and long term prosperity.



### SPORTS, ART & CULTURE

Channelizing the energy of the youth towards the development of communities by giving opportunity in various activities.



### DOCUMENTATION MONITORING EVALUATION OTHERS

# *A Responsible Corporate Citizen*

| Health                                                                      | Education & Skill development                                 | Infrastructure                                                        | Women empowerment                                                                              | Environment                                |
|-----------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>85,000</b><br>Adolescent Girls benefited from our healthcare initiatives | <b>15,000</b><br>Students empowered through quality education | <b>2,50,000</b><br>People provided with safe and clean drinking water | <b>1,000</b><br>Women entrepreneurs developed                                                  | <b>87,000+</b><br>Saplings planted         |
| <b>200,000</b><br>People benefited from our health initiatives              | <b>24,000+</b><br>People provided with vocational training    | <b>10,000</b><br>People benefited by 1,000 sanitation facilities      | <b>1,500+</b><br>Women benefited by 150+ Self Help Groups through income generation activities | <b>343</b><br>Acres of watershed developed |



SAFETY INDUCTION



ON-THE-JOB SAFETY TRAINING



SAFETY REVIEWS



SAFETY AUDITS / INSPECTIONS



TOOL BOX MEETINGS



SAFETY AWARDS/REWARDS



MEDICAL EXAMINATIONS/ WORLD CLASS PPEs



MOCK DRILLS

## ***Recent Awards & Recognitions***

- ***JSPL-Barbil Pellet Plant awarded with most prestigious JIPM award for TPM –Excellence***
  - ***First pellet plant in the world to be conferred with this JIPM award***
- ***Jindal Shadeed won following laurels***
  - ***Prestigious “Sultan Qaboos Award” for Industrial Excellence by the Ministry of Commerce and Industry on February 9, 2016***
  - ***2016 Steel Manufacturing Product Line Strategy Leadership Award, GCC”, at GIL 2016: Middle East, Dammam, Saudi Arabia on February 10, 2016***
- ***Jindal Shadeed have received 2 Awards from Midrex***
  - ***For the achievement of 5 Million tons of production within 4 years of Operation [2011 – 2014]***
  - ***For the achievement of Exceptional annual operational availability for the year 2014 - 98.51%. (Total 3 plants have received the awards out of 72 Midrex DR Plants in the world, and Jindal Shadeed stands number 2.)***
- ***JSPL Raigarh got placed in Limca book of world records’ for manufacturing longest 121 meter long single piece track rail***
- ***JPL received “Par Excellence Award for 5’S implementation” by QCFI on 7th Nov’15***

## ***Award and Accolades for JSPL (2014-15)***

- ***National Award for Excellence in Energy Management 2014, CII***
- ***National Award for Innovative Training Practices, ISTD Delhi, 2014***
- ***Dun & Bradstreet – Infra Award 2014 in Power Category***
- ***Chhattisgarh Industrial Health & Safety Award, Govt of Chhattisgarh, 2014***
- ***Award for Innovative HR Practices, Global HR Excellence Awards, 2015***
- ***Best CSR Practice – Education, Think Media Inc., 2014***
- ***Project Excellence Award, Global Symposium, 2014***
- ***Procurement Excellence Award: "Outstanding Leader in Procurement" at the 2nd Annual CPO Forum India & Awards 2014.***
- ***Innovation in Employee Retention Strategies, Greentech Foundation, 2014***
- ***2nd Best in Overall Mining – Mega Mines Group, Annual Safety Fortnight Competitions, 2015***

**2013** International Safety Award with merit 2014 by British Safety Council, UK.  
World CSR Congress Award 2013  
Greentech CSR Award 2013

**2012** Golden Peacock National CSR Award 2012

Ranked No.1 as Wealth Creator in India over a 10- year period (Business World)  
Awarded the Dun & Bradstreet- Rolta Corporate Awards 2011

**2011** Ranked 3rd in the Metals Category of Business World's India's Most Respected Companies Survey  
Received the Forbes Asia's 'Fabulous 50' International Award  
Golden Peacock Innovation Management Awards  
Greentech Award for 1st Position in Metal & Mining Industries  
World HRD Congress CSR Award on women empowerment  
Rated the World's 2nd Largest Value Creator by Boston Consulting Group (BCG), based on Total Shareholder Return from 2005-2009, and the largest Value Creator in Mining and Materials category

**2010** Received the Forbes Asia's 'Fabulous 50' International Award  
Golden Peacock Innovation Management Awards  
CSR Excellence Award 2010 by ASSOCHAM for promoting and propagating Corporate Social Responsibility initiatives  
Received the CNBC's Most Promising Entrant into the Big League at IBLA

**2009** National Energy Conservation Award  
Golden Peacock Innovation Award 2009  
Winner of 'Shrishti Green Cube Award 2009  
SAIL HR Excellence Award 2009



**For any information please contact: -**

***Mr. Nishant Baranwal***  
***Head, Investor Relations***

Tel : +91 11 41462198

Mobile: +91 8800690255

Email: - [nishant.baranwal@jindalsteel.com](mailto:nishant.baranwal@jindalsteel.com)

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# THANK YOU