Jindal Steel and Power Ltd

Investor Presentation

November, 2014
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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

O P Jindal Group

- Jindal Saw
  Mr. P.R. Jindal
- JSL Limited
  Mr. Ratan Jindal
- JSW Steel/JSW Energy
  Mr. Sajjan Jindal
- Jindal Steel & Power (JSPL)
  Mr. Naveen Jindal
JSPL at a Glance - Part of US$ 18 bn OP Jindal Group

- **US$ 3.3 bn+**
  - Annual turnover of JSPL

- **US$ 30 bn**
  - Future investments committed across continents

- **4,485 MW**
  - Power capacity

- **7.75 MTPA**
  - Steel making capacity

- **9 MTPA**
  - Pellet making capacity

- **22.56 MTPA**
  - Mining capacity

- **29 Countries**
  - Export presence

- **1,550 Dealers**
  - Ensuring pan-India presence, covering 400 districts for retail business

- **16000+**
  - People strengths

- **9 Lakh+**
  - Lives impacted by JSPL’s social endeavours

- **7.4 mn+**
  - Saplings planted

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### Strengths

- Enhanced capacities in steel & power:
  - Steel 3 MTPA to 7.75 MTPA
  - JPL Power 1000MW to 3400 MW
  - Pellets 4.5 MTPA to 9 MTPA

- Proven track record of High utilization of resources

- Professional management & robust internal systems

### Opportunities

- Harness higher revenues from enhanced capacities

- Steel & Power sector at inflexion point

- Demand for Power expected to grow

- Well placed to capture growing demand in overseas markets especially MENA Countries

*Includes 600 MW which will be commissioned in FY15*
Mr. Naveen Jindal – Chairman

- Ranked amongst the Asia’s 25 Hottest People in Business by the Fortune Asia magazine for turning a struggling steel company into one of Asia’s blue-chip giants
- India’s Best CEO by the BT-INSEAD-HBR Study of the top value creators for the period 1995 to 2011 by the Business Today
- Featured among the top ten of India Inc’s Most Powerful CEOs 2011 by IMRB survey for Economic Times-Corporate Dossier
- Conferred with the Ernst and Young Entrepreneur of the Year Award 2010 in the field of Energy and Infrastructure

Mr. Ravi Uppal – Managing Director & Group CEO

- Over 37 years of experience in engineering and infrastructure
- Previously whole-time Director and President & CEO – Power at Larsen & Toubro Group. Also held senior positions at ABB and Volvo
- Advanced MBA from Wharton, MBA from IIM Ahmedabad, and B.Tech. from IIT Delhi

Mr. Anand Goel – Chief Advisor

- Over 37 years of experience with the O.P. Jindal Group
- Master’s Degree in Business Administration from BITS, Pilani
- Member of the National Steel & National Mining committees of FICCI and National Mining Committee of CII
Mr. K Rajagopal – Director & Group CFO
- A Chartered Accountant by qualification, Mr. Rajagopal has extensive background into the whole gamut of Finance across organizations.
- He brings with him more than 31 years of experience out of which about 21 years has been with ABB.
- He is a strategist, a policy maker, and has strived to continuously improve the profitability through strategic and highly efficient business portfolio evaluation.

Mr. R S Sharma – Managing Director & CEO, JPL
- Over 40 years of experience in the power sector
- Previously he was the Chairman and Managing Director, NTPC Ltd.
- He has been honoured with several awards including honorary fellowship from International Project Management Association, fellowship of World Academy of Productivity Science

Mr. Rajesh Bhatia – CEO Global Ventures
- Over 21 years of experience in the field of Finance, Accounts, Taxation, Administration and Commercial
- Played an important role in JSPL’s overseas acquisitions in Australia, Indonesia, South Africa, Mozambique, Madagascar, Mongolia & Oman, apart from arranging financing for greenfield expansion in Orissa and Jharkhand in India.
Mr. Rajeev Bhadauria – Director Group HR
- More than 29 years as a HR professional across Public and Private sectors
- Previously Regional HR head – NTPC and President HR – Reliance ADA Group
- Post Graduate in Industrial Relations from the Power Management Institute, NTPC and LLB from Allahabad University

Mr. V K Mehta – ED Marketing
- Over 37 years of experience in marketing
- Previously, he was working with SAIL, Kolkata as its Executive Director, Marketing and was also on the Board of Directors of Mjunction and SAIL-SCI Shipping Co.
Moving Towards Plural Leadership

Strategic Governance Structure

- Core Management Team
- Group Executive Committee
- Senior Management Committee

Operational Governance Structure

- Business Segments
- ManCo (For each Business)
- UniCo (For each Location)

- Steel & Cement
- Power
- Mines & Minerals
- Global Ventures

Implementation of Strategic & Operational Governance Structure
### Shareholding Pattern - JSPL

<table>
<thead>
<tr>
<th></th>
<th>31-Mar-11</th>
<th>31-Mar-12</th>
<th>31-Mar-13</th>
<th>31-Mar-14</th>
<th>30-Jun-14</th>
<th>30-Sep-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promoters</td>
<td>58.41%</td>
<td>58.91%</td>
<td>59.13%</td>
<td>60.41%</td>
<td>60.41%</td>
<td>60.48%</td>
</tr>
<tr>
<td>Institutional Investors</td>
<td>29.54%</td>
<td>28.96%</td>
<td>27.45%</td>
<td>26.45%</td>
<td>27.15%</td>
<td>25.91%</td>
</tr>
<tr>
<td>Public and other share holding</td>
<td>12.05%</td>
<td>12.13%</td>
<td>13.42%</td>
<td>13.14%</td>
<td>12.44%</td>
<td>13.61%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>100.00%</strong></td>
</tr>
<tr>
<td>Number of share holders</td>
<td>1,23,842</td>
<td>1,26,678</td>
<td>1,32,311</td>
<td>1,35,593</td>
<td>1,35,237</td>
<td>155,060</td>
</tr>
</tbody>
</table>

Number of share holder s (Retail /HNI) increases by 15% in 2Q FY15
### Institutional Shareholding - JSPL

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Inst’ Investors</td>
<td>22.14%</td>
<td>20.76%</td>
<td>22.32%</td>
<td>22.38%</td>
<td>21.38%</td>
</tr>
<tr>
<td>Insurance</td>
<td>4.09%</td>
<td>3.23%</td>
<td>2.47%</td>
<td>3.17%</td>
<td>3.07%</td>
</tr>
<tr>
<td>Mutual funds</td>
<td>2.71%</td>
<td>3.41%</td>
<td>1.61%</td>
<td>1.49%</td>
<td>1.36%</td>
</tr>
<tr>
<td>Others -financial institutions</td>
<td>0.02%</td>
<td>0.05%</td>
<td>0.05%</td>
<td>0.11%</td>
<td>0.10%</td>
</tr>
<tr>
<td>Total Inst’ share holding</td>
<td>28.96%</td>
<td>27.45%</td>
<td>26.45%</td>
<td>27.15%</td>
<td>25.91%</td>
</tr>
</tbody>
</table>

Institutional Investors still hold Majority stake amongst the Minority Shareholders
Business Segments

Current Capacities – Domestic & Global

JSPL

Steel
7.75 MTPA

Mining
22.56 MTPA

Power
4485 MW
Operational Capacity at a Glance

**Raigarh**
- BF 2.01 MTPA
- DRI 1.37 MTPA
- SMS 3.25 MTPA
- Plate Mill 1.00 MTPS
- RUBM 0.75 MTPA
- MLSM 0.60 MTPA
- CPP 851 MW

**Angul**
- CGP 225,000 Nm3/Hr
- DRI 1.8 MTPA
- SMS 2.5 MTPA
- Plate Mill 1.2 MTPA
- CPP 810 MW

**Barbil**
- Pellet Plant 9 MTPA

**Patratu**
- WRM 0.6 MTPA
- Rebar Mill 1.0 MTPA

**Oman**
- HBI 1.5 MTPA
- SMS 2.0 MTPA

**JPL**
- Tamnar 2800 MW

**Mining**
- Iron Ore 3.11 MTPA
- Coal Domestic 12.25 MTPA
- Coal Overseas 7.20 MTPA

**Iron Ore**
- Domestic 12.25 MTPA
- Overseas 7.20 MTPA

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**Raw Material Sourcing - Steel**

**Raigarh**
- 3.25 MTPA Steel Plant
- Thermal Coal 6MTPA: Gare IV / 1
- Iron Ore: 3.11 MTPA Tensa Mine & Pellet from Barbil
- Coking Coal: Import

**Angul**
- 2.5 MTPA Steel Plant
- Thermal Coal: Either Linkage/ e-auction/Imported
- Iron Ore: Pellet from Barbil
- Coking Coal: Not Required

**Barbil**
- 9 MTPA Pellet Plant
- Thermal Coal: NA
- Iron Ore: External
- Coking Coal: NA

**Oman**
- 2 MTPA Steel Plant
- Natural Gas: MoU with Govt of Oman
- Pellet: Local sources
- Coking Coal: Not Required
## Overview of Mines

<table>
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<tr>
<th>Mines</th>
<th>State</th>
<th>Annual extraction (Approved capacity as per mine plan)</th>
<th>End Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Ore Reserves</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensa</td>
<td>Odisha</td>
<td>3.11 MT</td>
<td>Raigarh steel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Existing Operation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Gare IV / 1</td>
<td>Chhattisgarh</td>
<td>6.00 MT</td>
<td>Raigarh DRI &amp; Captive power plant</td>
</tr>
<tr>
<td>*Gare IV / 2 &amp; 3</td>
<td>Chhattisgarh</td>
<td>6.25 MT</td>
<td>JPL Power Plant</td>
</tr>
<tr>
<td>Overseas Coal Mine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Africa</td>
<td></td>
<td>Operating</td>
<td></td>
</tr>
<tr>
<td>Mozambique, Africa</td>
<td></td>
<td>Operating</td>
<td></td>
</tr>
<tr>
<td>Wollongong Coal Limited, Australia</td>
<td></td>
<td>Operating</td>
<td></td>
</tr>
</tbody>
</table>

* As per Supreme Court directives these coal mines will continue to operate till 31.03.2015
INDIAN ECONOMY AT A GLANCE
Indian Economy – A Mixed Half Year So Far
A Buoyant Q1 followed by a Struggling Q2

World Bank pegs India’s Growth at 5.60% in 2014-15

Avg. IIP Growth in Q1 : 3.80% Vs Avg IIP Growth in Q2 : 0.45%

CPI dropped to 6.46% in Sep’14, while WPI dropped to a five year low of 2.38%

Indian Rupee remained stable in the band of Rs. 60-62/USD during the quarter
Indian Economy – A Mixed Half Year So Far
A Buoyant Q1 followed by a Struggling Q2

Economic Growth: RBI expects Indian economy to grow by 5.5% this fiscal

Manufacturing Sector exhibited growth in Q1 but slowed down in Q2: 3.8% / -1.2%

Mining Sector exhibited growth in Q1 but tapered in Q2: 2.9% / 1.9%

Electricity Sector exhibited growth in both Q1 & Q2: 11.43% / 12.3%
FDI: Indian Govt has recently cleared 25 FDI proposals worth Rs 1,546.12 crores

Standard & Poor has upgraded outlook for India from Negative to Stable

Crude oil prices continue to plummet, touched 2-years low – A big plus for India
New Policy Initiatives Announced by Government of India

Ordinance for Coal allocation

Relaxed norms for foreign direct investment in key sectors like Defence, Railways and Insurance

Identified focus sectors to boost manufacturing in India
INDUSTRY DEVELOPMENTS – STEEL
## Global Steel Performance

- **World Crude Steel Production up by 2.4% in Jan – Aug’ 14 (y-o-y), led by higher Asian output.**

- **Middle East & Africa continue to record higher production**

<table>
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<tr>
<th>Region</th>
<th>2013</th>
<th>2014</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>World</td>
<td>1070</td>
<td>1096</td>
<td>2.4%</td>
</tr>
<tr>
<td>Asia</td>
<td>723</td>
<td>742</td>
<td>2.7%</td>
</tr>
<tr>
<td>EU</td>
<td>110</td>
<td>113</td>
<td>3.4%</td>
</tr>
<tr>
<td>North America</td>
<td>79</td>
<td>81</td>
<td>2.3%</td>
</tr>
<tr>
<td>CIS</td>
<td>73</td>
<td>72</td>
<td>0.9%</td>
</tr>
<tr>
<td>South America</td>
<td>31</td>
<td>30</td>
<td>1.1%</td>
</tr>
<tr>
<td>Middle East</td>
<td>17</td>
<td>18</td>
<td>7.6%</td>
</tr>
<tr>
<td>Africa</td>
<td>10</td>
<td>11</td>
<td>7.2%</td>
</tr>
</tbody>
</table>
India:
- India recorded impressive Crude production growth of **5.1%** in **CY 13 (y-o-y)**.

- However, for Jan-Aug ‘14 steel production rate was only **1.8% (y-o-y)** due to raw material unavailability and mining clampdown.
Steel Demand:
Short Range Outlook for 2014 and 2015

India:
✓ India’s outlook is improving following new Government formation.
✓ Steel demand expected to grow by 3.4% (In 2014) and 6% (in 2015)

MENA:
✓ In the MENA region, steel demand expected to grow by 3.3% (CY 14) and revive to 6.6% (CY15)
# How the Indian Steel Industry fared

<table>
<thead>
<tr>
<th>(Qty in million MT)</th>
<th>April- Sept'14</th>
<th>Sept '14</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Qty</td>
<td>% Change (y-o-y)</td>
</tr>
<tr>
<td><strong>Production: Crude Steel</strong></td>
<td>41.8</td>
<td>2.4</td>
</tr>
<tr>
<td><strong>Finished Steel (Non Alloy+Alloy)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Import</em></td>
<td>3.9</td>
<td>26.9</td>
</tr>
<tr>
<td><em>Export</em></td>
<td>2.7</td>
<td>0.4</td>
</tr>
<tr>
<td><em>Real Consumption</em></td>
<td>37.2</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**Crude Production:**
- During April-Sept’ 14, crude steel production grow by 2.4% (y-o-y)

**Real Consumption of Steel:**
- India’s consumption of finished steel grow by 0.5% in April-Sept ’14 (y-o-y)
India: Steel Imports grow significantly

- Imports of total finished steel jumped by 27% in April – Sept ‘14 (y-o-y) due to
  • Impact of Relative Prices
  • Impact of Policy Measures (like concessional import duty to items from South Korea and Japan under CEPA)
- Import of Non-Flat steel jumped 53% in April – Sept’ 14 (y-o-y)
**Price trend – Raw Material (International)**

**International Market**

- **International Iron ore price** fails to get a support from the demand side and have stayed low, in the range of US 79-81/tonne (CFR China) in the last 2 months.

- **Coking coal mkt** attains downward stability, **Prices are found to hover in the range between USD 107 to 112/tonne (FOB Australia)**.
Price trend – Raw Material (Domestic)

Domestic Market

- Pellet 63.5, Barbil
- Lump 63, Barbil
- Fines 63, Barbil

Pellets & Lump Prices in Rs/tonne

Fines prices in Rs/tonne

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**Price trend – Long products**

**Price Movements: TMT & Wire rod Domestic (Delhi-Rs/MT) Vs International ($/MT)**

**July ‘14 – Oct ‘14: Price movement:**

**Domestic Prices:**
- ~6-9% decrease in TMT
- ~5-8% decrease in wire rod

**International Prices:**
- ~6% decrease in TMT (FOB China)
- ~8% decrease in Wire rod (FOB China)

**Conclusion:**

**Long product:**
- Falling international prices created pressure on domestic prices.
- Imbalance in relative pricing created spurt in imports of Long finished steel.
**Price trend – Flat product**

**HRC & Plate Price Movement: Domestic (Delhi -Rs/MT) & International (FOB China- $/MT)**

**July’14 – Oct ‘14: Price movement:**

**Domestic Prices:**
- ~ 3 % decrease in HRC
- ~ 4 % decrease in Plate

**International Prices:**
- 6-7 % decrease in HRC & Plate (FOB-China)

**Conclusion:**
**Flat product:** Falling international prices has created pressure on domestic Flat prices,

**Outlook:** Domestic prices to recover, since Chinese domestic prices has started firming up
INDUSTRY DEVELOPMENTS – POWER
CEA has recommended retiring of 4,000 MW capacity in the National Electricity Plan of the 12th Plan (2012-17).

GoI is planning to create public sector energy giants with a massive restructuring exercise that will amalgamate all state-run hydropower firms and transfer their thermal projects to NTPC to create strong companies that can take on the rapidly growing private conglomerates.

765 kV Ranchi-Dharamjaygarh-Sipat Inter-regional transmission line was dedicated to nation on 21st Aug ‘14.
**Power Scenario – Installed Capacity (30th Sep 2014)**

**All India - Installed Capacity**

| Source: CEA |

**Renewable Sources All India - Installed Capacity (in MW)**

| Source: CEA |
Increasing share of private sector

GW

<table>
<thead>
<tr>
<th>Year</th>
<th>Government</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>113</td>
<td>11</td>
</tr>
<tr>
<td>2006</td>
<td>125</td>
<td>12</td>
</tr>
<tr>
<td>2007</td>
<td>133</td>
<td>13</td>
</tr>
<tr>
<td>2008</td>
<td>144</td>
<td>14</td>
</tr>
<tr>
<td>2009</td>
<td>149</td>
<td>15</td>
</tr>
<tr>
<td>2010</td>
<td>160</td>
<td>18</td>
</tr>
<tr>
<td>2011</td>
<td>174</td>
<td>20</td>
</tr>
<tr>
<td>2012</td>
<td>200</td>
<td>27</td>
</tr>
<tr>
<td>2013</td>
<td>224</td>
<td>31</td>
</tr>
<tr>
<td>2014</td>
<td>243</td>
<td>34</td>
</tr>
<tr>
<td>Q2 FY14-15</td>
<td>254</td>
<td>36</td>
</tr>
</tbody>
</table>

Source: CEA; Planning commission; Infraline; Analyst report; Company Web sites
Growth in Thermal Capacity vs PLF%

Source: CEA
**India’s Per Capita Consumption of Electricity**

**Annual Per Capita Consumption (Kwh)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Per Capita Consumption (Kwh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-06</td>
<td>631</td>
</tr>
<tr>
<td>2006-07</td>
<td>672</td>
</tr>
<tr>
<td>2007-08</td>
<td>717</td>
</tr>
<tr>
<td>2008-09</td>
<td>734</td>
</tr>
<tr>
<td>2009-10</td>
<td>779</td>
</tr>
<tr>
<td>2010-11</td>
<td>819</td>
</tr>
<tr>
<td>2011-12</td>
<td>879</td>
</tr>
<tr>
<td>2012-13</td>
<td>917</td>
</tr>
<tr>
<td>2013-14</td>
<td>951</td>
</tr>
</tbody>
</table>

*Source: CEA*

*World Average - 2782 Kwh*
Power Deficit States

Peak Deficit

Base Deficit

Source: CEA
Challenges faced by Indian Power Industry

- Lack of sufficient growth in domestic coal Production
- Regulatory changes in markets such as Indonesia
- Shortage of gas supply
- Inordinate delays in environmental clearances
- Tightening of norms from financial institutions
Challenges faced by Indian Power Industry

Transmission

- Network not sufficient to meet growth
- Several Transmission projects developing slowly
- Success of Southern Grid integration and open access depends on expansion of Transmission capacity
- Development of Regional & National Grids

Distribution

- SEBs financial losses
- High AT&C losses
- SEBs resorting to load shedding in peak hours
- Entry of Private players in T&D
OPERATIONS
**JSPL at Raigarh**

<table>
<thead>
<tr>
<th>Investment</th>
<th>3.25 MTPA Liquid Steel Capacity</th>
<th>2.35 MTPA Finished Steel Steel</th>
<th>851 MW Power</th>
<th>5200 Workforce</th>
</tr>
</thead>
<tbody>
<tr>
<td>12,100 Cr.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Copyright @ 2014 Jindal Steel & Power Limited
Flow Diagram of Process in Raigarh
<table>
<thead>
<tr>
<th></th>
<th>18500 Cr. +</th>
<th>2.5 MTPA Steel</th>
<th>1.2 MTPA Finished Steel</th>
<th>810 MW</th>
<th>2723</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment</td>
<td></td>
<td>Capacity</td>
<td>Capacity</td>
<td>Power</td>
<td>Workforce</td>
</tr>
<tr>
<td>JSPL at Angul</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Flow Diagram of Process in Angul

Coal Gasification  Link

Gas Based DRI  Link

EAF  Link

Plates  Link

Plate Mill  Link

Slab Caster  Link

Product usage

Ship Building
Line Pipes
High End Structural
Boilers
Wind Mills
Engineering
Pressure Vessels
JSPL at Barbil

2,388Cr. Investment

9 MTPA Pellet Capacity

660 Workforce
Flow Diagram of Process in Barbil
Process of Pelletisation

1. Mines
2. Conveyor
3. Reclaimer
4. Iron Ore Bins
5. Dryer
6. Ball Mill
7. Mixing
8. Paddle Mixture
9. Balling Discs
10. Green Pellets
11. Recipro Conveyor
12. Oscilating Conv. & Roller Screen
13. Furnace
14. Pellet storage
15. Pellet Reclaimer
16. Wagon Loading
JSPL at Patratu

1,764 Cr.  
Investment

1.6 MTPA Finished Steel  
Capacity

1,373  
Workforce
Flow Diagram of Process in Patratu

Bar Mill → Processing → Panther TMT Rebar

WRM → Processing → Wire Rod

Rebar Service Centre → Processing → Taking Shape → Cut & Bend
### Structural Steel Division

<table>
<thead>
<tr>
<th>Plant</th>
<th>Installed Capacity (Ton)</th>
<th>Covered area (Sq. Mts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Punjipatra (Raigarh)</td>
<td>1,20,000</td>
<td>60,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant</th>
<th>Installed Capacity (Ton)</th>
<th>Covered area (Sq. Mts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angul (Odisha)</td>
<td>84,000</td>
<td>32,000</td>
</tr>
</tbody>
</table>
New Products & Technology Initiatives

At Angul

• Widest Plate Mill (5m) in India with 4th generation Heat Reversible Treat Plate Leveler
• Roll Trip-steel/Silicon Steel/DD/EDD/IF grades: opens up opportunity for new and high margin product segments.
• Further processing to address value added markets: Galvanized & Coated Steel
• Largest BF in India (4554 m3), few among the world

Investing in State-of-the-Art Technologies & manufacturing system for high margin products
New Products & Technology Initiatives

At Raigarh

• RUBM to be leveraged with Head Hardened Rail Facility: To cater to metro boom in Indian cities.
• Only manufacturer of high margin HH rail in India.
• Galvanizing facility of structures: Catering to high margin TLT segment.

At Patratu

• State-of-the-art Wire-Rod Mill: Forward integrated with wire-drawing
New Products & Technology Initiatives

At Oman

• Commissioned its 2-MTPA ISP in Oman: *Rode into the league of the three biggest steel makers in the Arab peninsula.*

• SMS complex: EAF (200MT) largest in Middle East, a Ladle Furnace (200MT), Continuous Billet Caster and Vacuum Degassing Furnace Facility

• The new steel plant is among the most compact and advanced anywhere in the world: *commissioned from scratch in an astounding 23 months flat.*
New Initiatives

• Expanding Geographical reach of Steel sales – New offices setup in South Africa, Dubai, Indonesia

• Launch of Channel financing in retail segment and Increasing the turnover by 3 times.

• Revamping “Key Account Managers" concept for steel business
JSPL Product Range

Angles and Channels

Fabricated Structures

Hot Rolled Plates and Coils

Parallel Flange Beams

Rails

TMT Rebars

Wire Rods

Power
Panther Brand was launched on 5th August 2013 (National Event Organized)

Presence in 27 states and 5 Union Territories covering 500 districts

Over 41 distributors

More than 1,550 dealers across country

27 Retail Sales Managers and 207 Distributors ASOs

731 Hoardings installed

450 Shop boards installed across country. More underway

Training sessions for Distributors & Dealers being organized across country

Panther TMT Bars Brand

- Excellent Bonding with Cement
- Greater Resistance to Corrosion and Fire
- Excellent Bendability
- High Strength and Ductility
- Superior Weldability
- Higher Resistance to Earthquake
Performance Highlights – Q2 FY 2014-15
**Performance Highlights - Steel**

**Total Sales (in Lakh MT)**

- **Q1:** FY13 6.3, FY14 7.2, FY15 7.4
- **Q2:** FY13 6.8, FY14 8.0, FY15 6.9
- **Q3:** FY13 7.9, FY14 8.1, FY15 9.7
- **Q4:** FY13 9.7, FY14 8.2

- **6.9 lakh MT sold domestic and 1.92 lakh MT in Q2 FY 15**
Key Financial Highlights: Q2 FY14-15

- Consolidated EBITDA improves from 30% to 32%
- Consolidated Cash Profit jumps by 44%
- 3 fold growth in retail sales over H1 FY14
- Over 25% growth in Retail Dealer network from March 2014
- Oman plant improves its EBITDA
Key Operational Highlights: Q2 FY14-15

- Focus on Inventory reduction continues
- BF - 1 Production Stabilized
- DRI achieved quality of avg. 94% metallization at Angul
- Hot DRI Charging from DRI plant to EAF was successfully started at Angul
- Process Boiler # 3 commissioned at Angul and taken into service on 12th Sept’14
- Commercial Prod from Central Dundas at South Africa started on 14th Sept’14
- Floatation Plant commissioned at Mozambique in the month Aug’ 2014
Performance Highlights – Raigarh

- Modernization of BF – 1 completed
- Revamp of EAF - 1 completed in 15 days
- Slag Processing plant commissioned
Performance Highlights – Angul

• Coal Gasification plant commissioned.

• DRI plant commissioned - Production started

• Use of syn gas in Re heating furnace Plate Mill, Lime and Dolo Kilns & SMS in place of LDO/HSD.

• Started dispatch of CGP By products in the market
Performance Highlights – Oman

- Jindal Shadeed commissioned its state of the art 2 MTPA Steel Melting Shop, first & largest integrated Steel Plant in Oman. Selling HBI and Billets in the overseas markets.
Retail Distribution Network

**Growth in Distributor Network (from 5 – 41)**

**Growth in Dealer Network (from 267 to 1550)**
Retail – Growth

- 117,434 MT Channel sales in H1 FY 15
- 3 fold growth in Retail Sales volume over H1 FY14
96.43% subsidiary of JSPL

Existing Units
Phase I - 1000MW (4 X 250)
Phase II - 1800MW (3 X 600)

Under Implementation
600MW (1 X 600)
## JPL Financials

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Net Sales (Cr.)</th>
<th>PAT (Cr.)</th>
<th>Generation (MU)</th>
<th>PLF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 2013-14</td>
<td>2457</td>
<td>1107</td>
<td>8282</td>
<td>92%</td>
</tr>
<tr>
<td>Year 2012-13</td>
<td>2510</td>
<td>1113</td>
<td>7973</td>
<td>91%</td>
</tr>
<tr>
<td>Year 2011-12</td>
<td>3,040</td>
<td>1765</td>
<td>8589</td>
<td>98%</td>
</tr>
</tbody>
</table>
## JPL Financials – Q2 FY 15

<table>
<thead>
<tr>
<th>Particulars</th>
<th>FY 2013-14</th>
<th>Quarter 2 2014-15</th>
<th>Quarter 2 2013-14</th>
<th>Growth (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnover</td>
<td>2,457</td>
<td>927</td>
<td>665</td>
<td>39%</td>
</tr>
<tr>
<td>EBITDA</td>
<td>1,533</td>
<td>522</td>
<td>432</td>
<td>21%</td>
</tr>
<tr>
<td><em>EBITDA</em>%</td>
<td>62%</td>
<td>56%</td>
<td>65%</td>
<td>-</td>
</tr>
<tr>
<td>PBT</td>
<td>1407</td>
<td>377</td>
<td>381</td>
<td>-1%</td>
</tr>
<tr>
<td><em>PBT</em>%</td>
<td>57%</td>
<td>41%</td>
<td>57%</td>
<td>-</td>
</tr>
<tr>
<td>PAT</td>
<td>1107</td>
<td>295</td>
<td>301</td>
<td>-2%</td>
</tr>
<tr>
<td><em>PAT</em>%</td>
<td>45%</td>
<td>32%</td>
<td>45%</td>
<td>-</td>
</tr>
<tr>
<td>Depreciation + Amortization</td>
<td>274</td>
<td>129</td>
<td>67</td>
<td>91%</td>
</tr>
<tr>
<td>Cash Profit</td>
<td>1381</td>
<td>431</td>
<td>376</td>
<td>14%</td>
</tr>
<tr>
<td>Generation (million units)</td>
<td>8282</td>
<td>2799</td>
<td>2099</td>
<td>33%</td>
</tr>
<tr>
<td>PLF (%) - 4X250 MW</td>
<td>95%</td>
<td>95%</td>
<td>95%</td>
<td>-</td>
</tr>
<tr>
<td>PLF (%) - 3X600 MW</td>
<td>NA</td>
<td>18%</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>
# Transmission Lines

<table>
<thead>
<tr>
<th>Region</th>
<th>Present Inter-Regional Transfer Capacity</th>
<th>Anticipated transmission capacity addition</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Present Available Transfer Capacity</td>
<td>Transmission line name</td>
</tr>
<tr>
<td></td>
<td>LTA/MTOA</td>
<td></td>
</tr>
<tr>
<td>Chhattisgarh Area (W#3)</td>
<td>9300 MW</td>
<td>765 kV D/C Raipur -Wardha Line-I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>765 kV D/C Raipur -Wardha Line-II</td>
</tr>
<tr>
<td>WR to NR*</td>
<td>4400 MW</td>
<td>2 nos. 765 kV Gwalior -Jaipur Lines</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Champa-Kurukshetra HVDC Line</td>
</tr>
<tr>
<td>WR/ER to SR*</td>
<td>4000MW</td>
<td>765kV Pune- Solapur Line</td>
</tr>
<tr>
<td></td>
<td></td>
<td>765kV D/C Kolhapur-Narendra line</td>
</tr>
</tbody>
</table>

These Transmission Lines would help in evacuation of Power for JPL
GLOBAL VENTURES
Global Business – A Two Pronged Focus

- A Platform to Enhance Backward Integration
- A Driver for Profitable Growth - New Markets & Strategic Beachheads
**Summary of International Operations**

**Botswana, Africa**
- Acquired CIC Energy in 2012 for 120 mn USD
- Coal Mine with Resource of over 3 bn MT (high grade thermal coal)

**Mozambique, Africa**
- Developing a coal mine (3 MTPA) in Mozambique’s coal-rich Moatize region
- Coal resources estimated at 1.2 bn tonnes including coking coal

**South Africa, Africa**
- JSPL’s Kiepersol Colliery produces about 1.2 MTPA of Anthracite coal, sold domestically and internationally Plans to ramp up capacity to 2 MTPA

**Shadeed, Oman**
- 1.5 MT HBI Plant – plan to make it an Integrated Steel Plant

**Indonesia, Asia**
- Medium to large size deposits of prime hard coking and low ash – low sulphur thermal coal for open-cast operation

**Madagascar, Africa**
- Proposed Cement Plant

**Australia**
- Acquired 74.39% controlling stake in Wollongong Coal (Erstwhile Gujarat NRE coking coal Limited)
Global Ventures - Production & Sales – Q2 FY 14-15

- **OMAN**
  - Production HBI (MT): **356,886**
  - Production Steel (MT): **185,369**
  - Sales HBI (MT): **392,515**
  - Sales Steel (MT): **192,505**
  - Sales (Million USD): **171.52**
  - EBITDA (million USD): **37.99**

- **SOUTH AFRICA**
  - Production (MT): **228,658**
  - Sales (MT): **245,886**
  - Sales (Million USD): **17.59**
  - EBITDA (million USD): **2.06**

- **MOZAMBIQUE**
  - Production (MT): **109,377**
  - Sales (MT): **115,986**
  - Sales (Million USD): **9.18**
  - EBITDA (million USD): **(2.17)**

- **Wollongong Coal Ltd**
  - Production (MT): **54,614**
  - Sales (MT): **85,566**
  - Sales (Million USD): **2.84**
  - EBITDA (million USD): **(24.57)**
In July 2010, JSPL acquired Shadeed Iron & Steel Co. LLC, a company incorporated under the laws of the Sultanate of Oman.

- Gas-based 1.5 MTPA HBI plant at Sohar Industrial Port commenced production in January 2011
- Commissioned steelmaking facility of 2 MTPA in CY14
Mozambique, Africa

- Potential Resource: 2 bn MT
- Grade: Semi Hard coking coal, High Grade Thermal Coal
- Current Mining @ 3 MTPA run rate
- 3 MTPA Coal Washery commissioned
Mining Operations taken over with effect from 1st July 2014

Reverse Freight Contract finalized for carrying 3,00,000 Tonnes of cargo from Beira to Moatize

Floatation Plant commissioned in August, 2014 which would reduce ash content in Coking coal
Wollongong Coal Limited- Australia

- Unique Geographic Location
  - Wollongong (80 kms. South of Sydney)
    - experienced mining community available
  - Port Kembla: < 20 kms. with sufficient coal handling and Cape size capacity
  - Easy and reliable connectivity through Rail and Road

Activities:
- Manpower reduced from 590 to 241
- Restructuring of Bank Loans
- Arrangement made with most of the suppliers for their past liabilities through phased payment plans (About A$ 24 million paid out of A$ 41 million)

Unique unmatched location with significant strategic advantages
South Africa, Africa

- Southern Africa head office is based in Johannesburg, South Africa
- Operations include Kiepersol Colliery outside the town of Piet Retief in Mpumalanga province
- The mine produces high-quality anthracite coal, sold nationally and internationally
- Underground mining with 1.2 MTPA capacity annually
**Indonesia, Asia**

**Coking Coal Asset**
- Exploration License over 100 square kilometre in Central Kalimantan
- Medium to large size deposits of prime hard coking and thermal coal for open-cast operation
- Pit Sampling

**Thermal Coal Asset**
- Large size deposit of low ash – low sulphur thermal coal for open cast operation
- Coal mining license obtained in 2009 for 10 years till March 2018 for over 35.9 square Kilometres
- Permit received from the Ministry of Forest for the entire concession area
- MoU signed with Bupati Barito to develop road for coal hauling
- 139 hectares acquired for the first phase of mining
- Acquired 17.7 hectares for the development of captive coal terminal for coal handling and barge loading at Barito River
JSPL - Financials
H1- FY15 vs FY14 – Cash Profits (Consol.)

Cash Profits continue to Rise

H1 FY15

- EBITDA, 3,269
- Depreciation, 1,317
- PBT, 948
- PAT, 802

Interest, 1134

H1 FY14

- EBITDA, 2,762
- Depreciation, 855
- PBT, 1,297
- PAT, 956

Interest, 648

Cash Profit : 2,119 Cr.

17%

Cash Profit : 1,811 Cr.
## Financial Results & Ratios – Consolidated Q2 FY15

<table>
<thead>
<tr>
<th>Particulars (Rupees in Crores)</th>
<th>For the Quarter ending</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30.09.2014</td>
<td>30.06.2014</td>
</tr>
<tr>
<td>Turnover-Total</td>
<td>5,143</td>
<td>4,687</td>
</tr>
<tr>
<td>EBITDA</td>
<td>1,640</td>
<td>1,629</td>
</tr>
<tr>
<td>Depreciation</td>
<td>650</td>
<td>667</td>
</tr>
<tr>
<td>Finance costs</td>
<td>599</td>
<td>535</td>
</tr>
<tr>
<td>PBT</td>
<td>431</td>
<td>517</td>
</tr>
<tr>
<td>Profit after Tax</td>
<td>400</td>
<td>402</td>
</tr>
<tr>
<td>Cash Profit</td>
<td>1,308</td>
<td>1,149</td>
</tr>
<tr>
<td>CAPEX</td>
<td>1,182</td>
<td>1,815</td>
</tr>
<tr>
<td>Net Debt</td>
<td>37,682</td>
<td>36,801</td>
</tr>
</tbody>
</table>

### Financial Results & Ratios – Consolidated Q2 FY15

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q2</td>
<td>Q1</td>
<td>Q2</td>
<td>Annual</td>
</tr>
<tr>
<td>Raw Material to Turnover (%)</td>
<td>26.7</td>
<td>31.5</td>
<td>27.4</td>
<td>30.1</td>
</tr>
<tr>
<td>EBITDA to turnover (%)</td>
<td>31.9</td>
<td>34.8</td>
<td>30.0</td>
<td>28.9</td>
</tr>
<tr>
<td>Profit before tax to turnover (%)</td>
<td>8.4</td>
<td>11.0</td>
<td>12.9</td>
<td>12.6</td>
</tr>
<tr>
<td>Profit after tax to turnover (%)</td>
<td>7.8</td>
<td>8.6</td>
<td>9.4</td>
<td>9.5</td>
</tr>
<tr>
<td>Debt Equity Ratio</td>
<td>1.8</td>
<td>1.7</td>
<td>1.4</td>
<td>1.7</td>
</tr>
<tr>
<td>Current Ratio</td>
<td>0.7</td>
<td>0.8</td>
<td>0.8</td>
<td>0.8</td>
</tr>
<tr>
<td>Interest Service Coverage Ratio</td>
<td>3.2</td>
<td>3.2</td>
<td>4.3</td>
<td>3.9</td>
</tr>
<tr>
<td>Debt Service Coverage Ratio</td>
<td>1.7</td>
<td>2.0</td>
<td>3.0</td>
<td>2.4</td>
</tr>
</tbody>
</table>
## Financial Results & Ratios – Standalone Q2 FY15

<table>
<thead>
<tr>
<th>Particulars (Rupees in Crores)</th>
<th>For the Quarter ending</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30.09.2014</td>
<td>30.06.2014</td>
</tr>
<tr>
<td>Turnover-Total</td>
<td>3,197</td>
<td>3,324</td>
</tr>
<tr>
<td>EBITDA</td>
<td>1,103</td>
<td>1,192</td>
</tr>
<tr>
<td>Depreciation</td>
<td>444</td>
<td>415</td>
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<tr>
<td>Finance costs</td>
<td>447</td>
<td>428</td>
</tr>
<tr>
<td>PBT</td>
<td>237</td>
<td>370</td>
</tr>
<tr>
<td>Profit after Tax</td>
<td>287</td>
<td>306</td>
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<tr>
<td>Cash Profit</td>
<td>945</td>
<td>786</td>
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<tr>
<td>CAPEX</td>
<td>1,081</td>
<td>814</td>
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<tr>
<td>Net Debt</td>
<td>24,481</td>
<td>23,650</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q2</td>
<td>Q1</td>
<td>Q2</td>
<td>Annual</td>
</tr>
<tr>
<td>Raw Material to turnover</td>
<td>33.6</td>
<td>32.2</td>
<td>28.9</td>
<td>33.3</td>
</tr>
<tr>
<td>EBITDA to turnover</td>
<td>34.5</td>
<td>35.9</td>
<td>27.9</td>
<td>27.6</td>
</tr>
<tr>
<td>Profit before tax to turnover</td>
<td>7.4</td>
<td>11.1</td>
<td>10.0</td>
<td>11.0</td>
</tr>
<tr>
<td>Profit after tax to turnover</td>
<td>9.0</td>
<td>9.2</td>
<td>7.3</td>
<td>8.9</td>
</tr>
<tr>
<td>Debt Equity Ratio</td>
<td>1.8</td>
<td>1.8</td>
<td>1.7</td>
<td>1.8</td>
</tr>
<tr>
<td>Current Ratio</td>
<td>0.7</td>
<td>0.7</td>
<td>0.9</td>
<td>0.9</td>
</tr>
<tr>
<td>Interest Service Coverage Ratio</td>
<td>2.7</td>
<td>2.8</td>
<td>3.8</td>
<td>3.1</td>
</tr>
<tr>
<td>Debt Service Coverage Ratio</td>
<td>1.4</td>
<td>1.7</td>
<td>2.0</td>
<td>1.8</td>
</tr>
</tbody>
</table>
## Consolidated Financials at a Glance

### INCOME STATEMENT (Rupees in Crores)

<table>
<thead>
<tr>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
<th>Q1 FY 15</th>
<th>Q2 FY 15</th>
<th>H1 FY 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>2,618</td>
<td>3,549</td>
<td>5,539</td>
<td>10,913</td>
<td>11,152</td>
<td>13,194</td>
<td>18,351</td>
<td>19,807</td>
<td>19,286</td>
<td>4,687</td>
<td>5,143</td>
</tr>
<tr>
<td>EBITDA</td>
<td>1,034</td>
<td>1,428</td>
<td>2,253</td>
<td>5,908</td>
<td>5,232</td>
<td>6,398</td>
<td>6,935</td>
<td>6,669</td>
<td>5,776</td>
<td>1,629</td>
<td>1,640</td>
</tr>
<tr>
<td>PAT</td>
<td>573</td>
<td>703</td>
<td>1,251</td>
<td>3,007</td>
<td>3,635</td>
<td>3,804</td>
<td>4,002</td>
<td>2,912</td>
<td>1,894</td>
<td>402</td>
<td>400</td>
</tr>
<tr>
<td>Cash Profit</td>
<td>858</td>
<td>1,170</td>
<td>1,810</td>
<td>4,194</td>
<td>4,760</td>
<td>5,115</td>
<td>5,575</td>
<td>4,593</td>
<td>3,876</td>
<td>1,149</td>
<td>1,308</td>
</tr>
</tbody>
</table>

### BALANCE SHEET (Rupees in Crores)

<table>
<thead>
<tr>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
<th>Q1 FY 15</th>
<th>Q2 FY 15</th>
<th>H1 FY 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Block</td>
<td>5,198</td>
<td>8,690</td>
<td>10,680</td>
<td>14,928</td>
<td>21,109</td>
<td>29,317</td>
<td>35,802</td>
<td>45,912</td>
<td>63,056</td>
<td>65,181</td>
<td>67,965</td>
</tr>
<tr>
<td>Net Worth</td>
<td>1,899</td>
<td>2,540</td>
<td>3,824</td>
<td>7,021</td>
<td>10,387</td>
<td>14,088</td>
<td>17,931</td>
<td>21,150</td>
<td>21,191</td>
<td>21,564</td>
<td>21,580</td>
</tr>
<tr>
<td>Borrowings</td>
<td>2,745</td>
<td>3,507</td>
<td>6,996</td>
<td>8,113</td>
<td>8,605</td>
<td>13,987</td>
<td>17,058</td>
<td>24,618</td>
<td>36,368</td>
<td>37,111</td>
<td>38,966</td>
</tr>
<tr>
<td>Equity</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>93</td>
<td>93</td>
<td>93</td>
<td>93.48</td>
<td>91.49</td>
<td>91.49</td>
<td>91.49</td>
</tr>
</tbody>
</table>

### SIGNIFICANT RATIOS

<table>
<thead>
<tr>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
<th>Q1 FY 15</th>
<th>Q2 FY 15</th>
<th>H1 FY 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBITDA Margin (%)</td>
<td>39%</td>
<td>40%</td>
<td>41%</td>
<td>54%</td>
<td>47%</td>
<td>48%</td>
<td>38%</td>
<td>34%</td>
<td>30%</td>
<td>35%</td>
<td>32%</td>
</tr>
<tr>
<td>Net Profit to Sales (%)</td>
<td>22%</td>
<td>20%</td>
<td>23%</td>
<td>28%</td>
<td>33%</td>
<td>29%</td>
<td>22%</td>
<td>15%</td>
<td>10%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Return on Net Worth (%)</td>
<td>31%</td>
<td>28%</td>
<td>34%</td>
<td>43%</td>
<td>35%</td>
<td>27%</td>
<td>22%</td>
<td>14%</td>
<td>9%</td>
<td>7%</td>
<td>7%</td>
</tr>
<tr>
<td>Long Term Debt Equity Ratio</td>
<td>1.2</td>
<td>1.07</td>
<td>1.74</td>
<td>1.03</td>
<td>0.59</td>
<td>0.7</td>
<td>0.61</td>
<td>0.77</td>
<td>1.29</td>
<td>1.7</td>
<td>1.8</td>
</tr>
<tr>
<td>EPS (INR/Share) (a) (b)</td>
<td>6.31</td>
<td>7.64</td>
<td>13.54</td>
<td>32.44</td>
<td>39.05</td>
<td>40.75</td>
<td>42.42</td>
<td>31.13</td>
<td>20.53</td>
<td>4.57</td>
<td>4.83</td>
</tr>
</tbody>
</table>
24 fold increase in Net Worth in last 10 Years
CAGR 41% over last decade
15+ times Revenue increase in last 10 years
Healthy EBITDA margin continues year after year
Going Forward: Prime Focus in FY15

- Securing Raw Materials
- Ramp up of Production in Angul and Patratu
- Removing Logistic Bottlenecks
- Development of Stockyards & building own Hub & Spoke Distribution
- Developing niche markets – API slabs, RUBM
- Expansion of Retail business (B2B to B2C)
- Enhanced exports to hedge global operations
Making Sustainability a Focus Priority
A Responsible Corporate Citizen

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**
- 31,359 healthy girls
- 13,945 smiles repaired
- 2,162 children vaccinated
- 437 safe deliveries
- 180 engineers employed

**EDUCATION**
- 8,000 vocational trainings completed
- 5,600 employment generated
- 1,027 students provided mid day meals
- 475 scholarships granted for higher education

**INFRASTRUCTURE**
- 9,003 people connected by roads in various villages
- 3,350 provided sanitation facilities
- 1,300 enjoy comforts of electricity
- 1145 have access to safe & clean drinking water

**WOMEN EMPOWERMENT**
- 3,500 women entrepreneurs developed
- 85 farmers engaged in Pisciculture
- 80 artisans entered main market
- 11 traditional art families revived

**LIVESTOCK MANAGEMENT**
- Livestock gifted to village farmers
- 4,500 poultry
- 1,500 goats
- 430 sheep
- Dairy farms established with 1350 cows
- 13 veterinary camps

**SPORTS, ART & CULTURE**
- 300 budding players scouted and trained
- 42 villages combed for sports talent. Rural sports and youth clubs promoted

**ENVIRONMENT**
- 2,606,600 trees planted
- 3,700 acres of watershed development
- All locations practice rain water harvesting.
- 100% utilization of fly-ash in Raigard Unit.
Recent Award and Accolades for JPL in 2014

JPL wins Dun & Bradstreet – Infra Award 2014 for exemplary performance in project execution of 4 X 600MW Thermal power Project in Tamnar, Chattisgarh.

JPL wins National Award for Excellence in Energy Management – 2014 given by CII.

JPL wins National Safety Award from National Safety Council of India for developing and implementing effective occupational health and safety management system and processes.
# Other Award and Accolades

<table>
<thead>
<tr>
<th>Year</th>
<th>Award and Description</th>
</tr>
</thead>
</table>
| 2014 | Shrishti Global Award - 2014  
Global HR Excellence Award - 2014 |
| 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 |
| 2011 | Ranked No.1 as Wealth Creator in India over a 10-year period (Business World)  
Awarded the Dun & Bradstreet- Rolta Corporate Awards 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 |
| 2010 | 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  
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 |
| 2009 | Received the CNBC’s Most Promising Entrant into the Big League at IBLA  
National Energy Conservation Award  
Golden Peacock Innovation Award 2009  
Winner of ‘Shrishti Green Cube Award 2009  
SAIL HR Excellence Award 2009 |
Health & Safety Best Practices

SAFETY INDUCTION

ON-THE-JOB SAFETY TRAINING

SAFETY REVIEWS

SAFETY AUDITS / INSPECTIONS
Health & Safety Best Practices

TOOL BOX MEETINGS

SAFETY AWARDS/REWARDS

MEDICAL EXAMINATIONS/ WORLD CLASS PPEs

MOCK DRILLS
PROJECTS
Angul – 6 x 135 MW Captive Power Plant
Angul – 6 x 135 MW Captive Power Plant
Jindal Shadeed, Oman
Jindal Shadeed, Oman – Rolling Mill under Construction
Marketing Network
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Email: nishant.baranwal@jindalsteel.com

Ms. Pallavi Kumari  
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Thank You