





# Jindal Steel and Power Ltd

Investor Presentation

1Q FY16 (June' 15)







### Table of Content



S No.	Content	Slides
1.	Company Structure & Management	3-8
2.	<b>Overview &amp; Business Segments</b>	9-14
3.	Key Focus Areas for FY16	15-18
4.	Power Business	19-26
5.	Global Ventures	27-32
6.	Financials	33-38
7.	Steel Performance & Product profile	39-48
8.	Facilities at a glance	49-61
9.	CSR Initiatives	62-70
10.	Contact us	71



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





Aerial View of Raigarh Plant



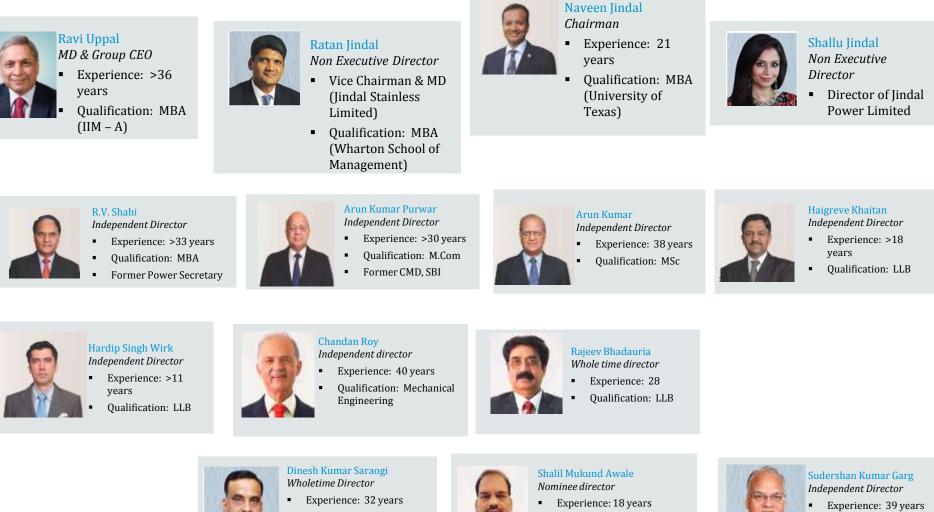
# **Ownership Structure - O P Jindal Group**



JINDAL



# Experienced Board of Directors



Oualification: Mechanical Engineering

# .

- Qualification: **Chemical Engineering**

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Qualification:

Bcom & CA



# ...and Best in Class management



#### Anand Goel Chief Advisor • Experience: >36 years



Harish Dua Acting Group CFO

Experience:
>30 years



Rajesh Bhatia CEO-Global business

Experience: >25 years



VK Mehta Director, S&M

Experience: >36 years)

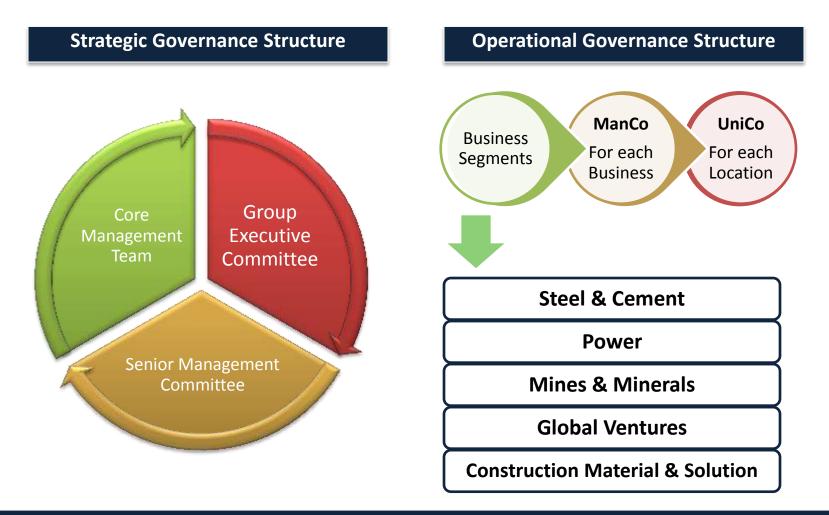


N.A. Ansari CEO, Oman Experience: >38 years.



## Moving Towards Plural Leadership

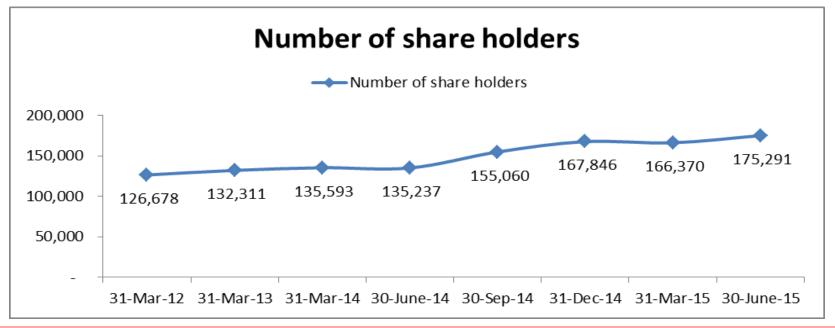


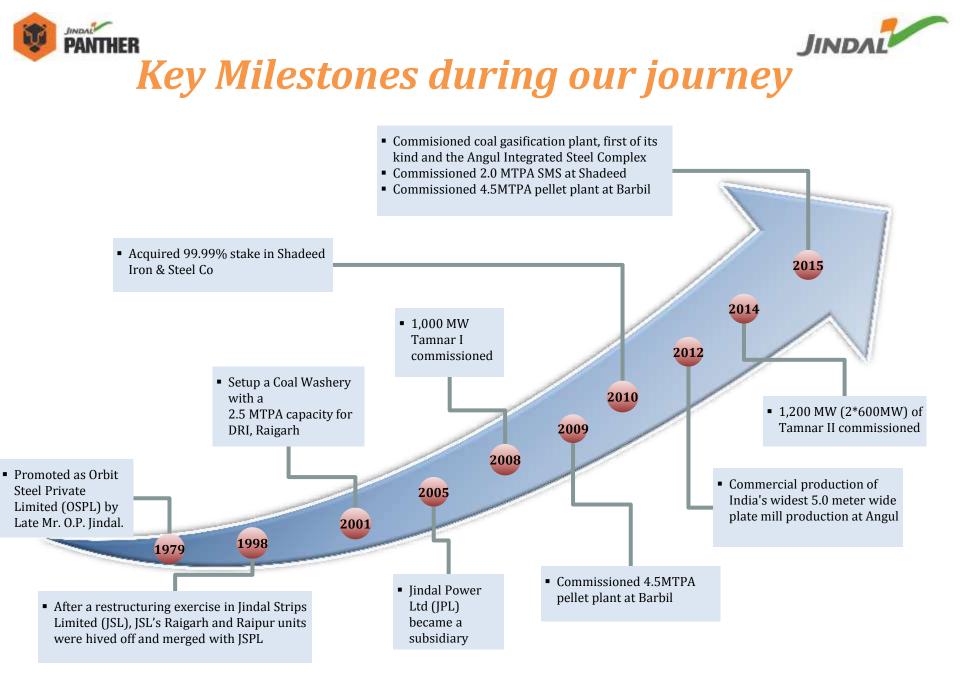


#### Implementation of Strategic & Operational Governance Structure

# PANTHER Shareholding of JSPL from FY12 to FY15 JINDAL

	31-Mar-12	31-Mar-13	31-Mar-14	30-Jun-14	30-Sep-14	31-Dec-14	31-Mar-15	30-Jun-15
Promoters	58.91%	59.13%	60.41%	60.41%	60.48%	61.10%	61.29%	61.34%
Institutional Investors	28.96%	27.45%	26.45%	27.15%	25.91%	23.59%	22.66%	21.91%
Public and other share holding	12.13%	13.42%	13.14%	12.44%	13.61%	15.32%	16.05%	16.75%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Number of share holders	1,26,678	1,32,311	1,35,593	1,35,237	155,060	167,846	166,370	175,291







PANTHER JSPL - Formidable Steel & Power player JINDAL



Capex cycle completed – on path to achieve multifold earnings growth

Projects at strategic locations – in proximity to raw materials,



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

end markets and evacuation infrastructure



Amongst the lowest cost producers of steel and power in India



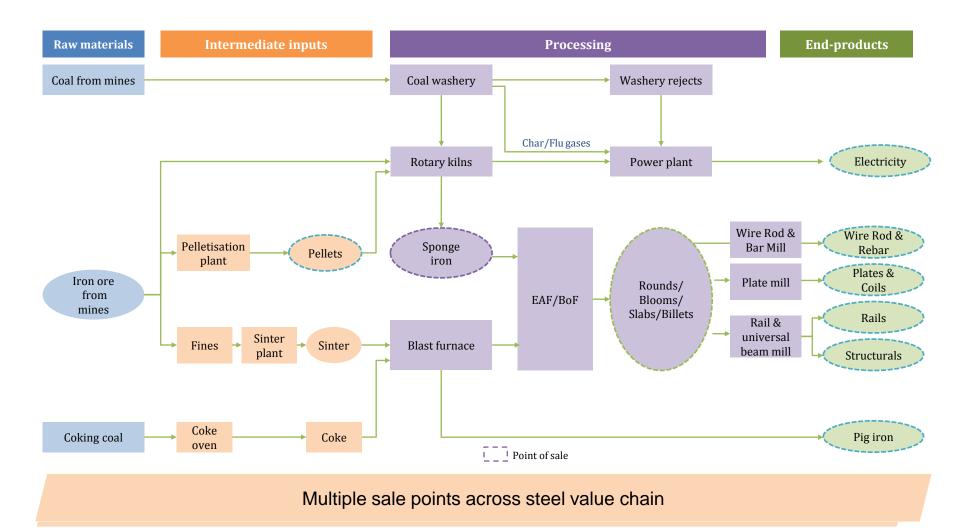


3,400 MW IPPs set up at extremely competitive project cost





### Integrated Operations with multiple point of sale





# 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

#### Project execution track record

- Projects set up within record timeline and cost
  - Third 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

#### Integrated operations

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

#### Technological innovation

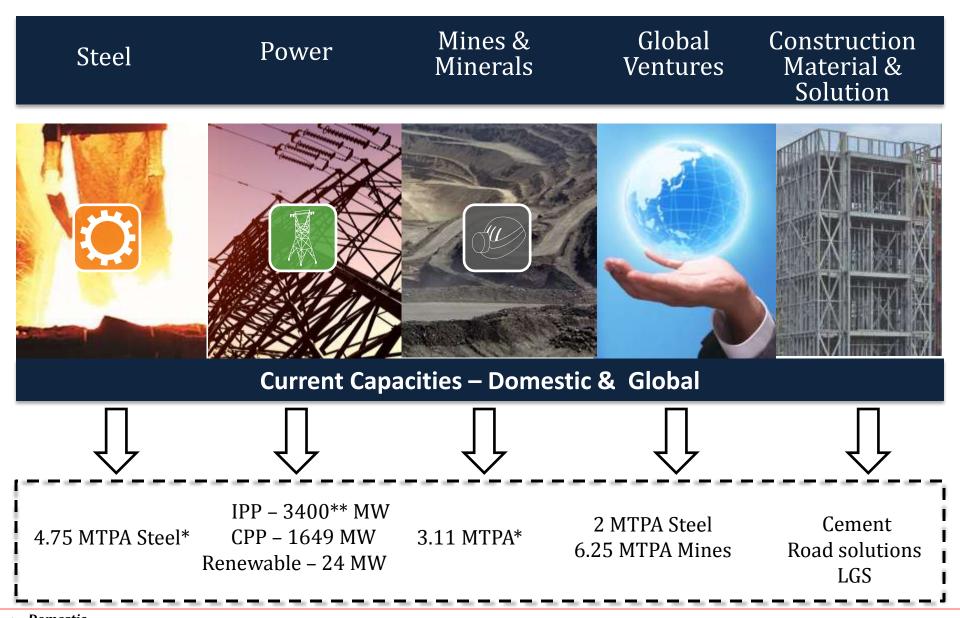
- Coal gasification plant first time in India
- Conversion of EAF into BoF
- Hot Charge DRI and Slab

#### Superior asset quality and business model



## **Business Segments**



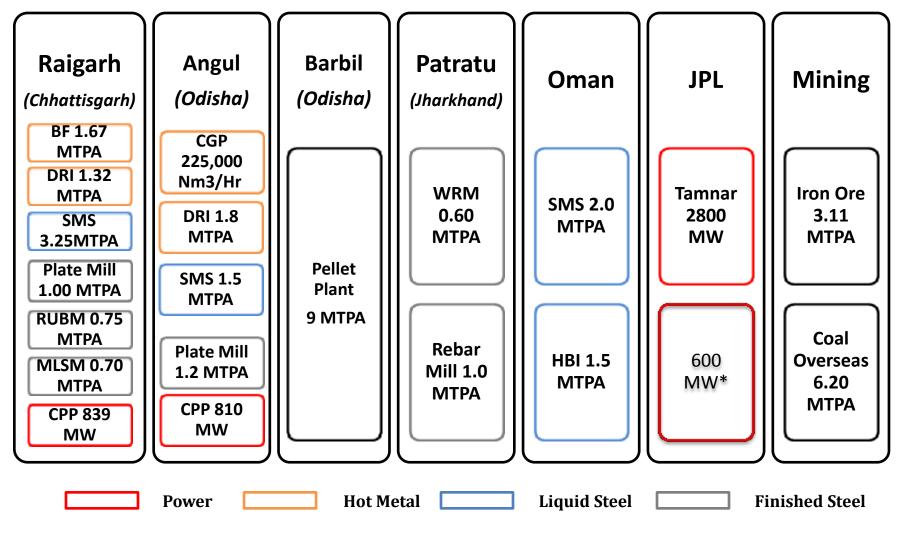


Domestic

\*\*Includes 600 MW - synchronized & will be commissioned in FY16



# Integrated & Diversified operations of scale



\*\* To be commissioned





# **Capacity Utilization**

# **Operational Efficiency**

# **Financial Prudence**

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#### **Focus areas**

#### **Steel Business**

- Increase production to ensure optimum capacity utilization
- Focus on "Value added" products; Ensure more Rail (RUBM) sales
- Reduction of Product costs; Increase operational efficiency of all processes
- Thrust on Heavy Fabrication business & Machinery division

#### **Power Business**

- Continued focus on procurement of coal at competitive prices through spot & e-auction
- Capitalize on improving coal availability and declining prices
- Continue efforts to secure long term PPAs
- To push more power through Merchant corridor and increase PLFs progressively in order to achieve above 50% PLF for JPL





#### **Focus areas**

#### Global Business

- Ensure Cash Profit in Global operations
- Increasing bottomline in South Africa
- Further reduction of costs in Mozambique
- Divest Wongawilli mine in Australia
- Complete Rebar mill in Oman

#### Mines & Minerals

- Two pronged sourcing of iron ore From own mines & local miners through long term alliance
- Further secure iron ore requirments by Participating in the forthcoming mine auctions in Odisha (3QFY16)
- Reduce logistics cost for inward movement of Coal & Iron ore fines





#### **Focus areas**



- Reduce Working capital Receivables & Inventories
- Focus on reduction of "Other expenses"
- Effort to reduce interest cost by exploring various available options





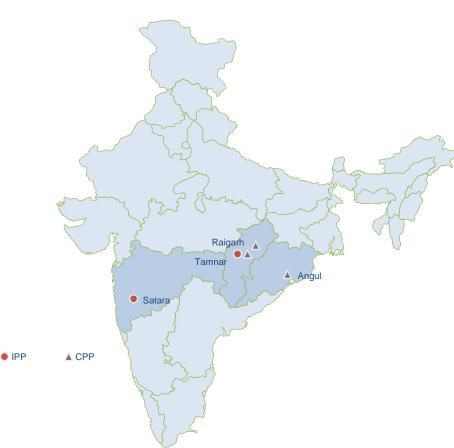
# **POWER BUSINESS**







### **Power Capacities at a glance**



Independent Power Projects (IPP)

Project	Capacity (MW)	Fuel	Configurati on	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

#### 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) 2x55 MW 3x25 MW 24 MW	Operational
Angul, Odisha	810	Coal	6 x135 MW	Operational

### One of the largest thermal portfolios in India



### **IPP - JINDAL POWER LIMITED**





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**



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





### **PPA Arrangements**

			Pe		
Project	Buyer	Туре	From	То	Quantum (MW)
Tamnar I	Tamil Nada	Medium Term	1-Sep-12	31-Aug-17	200
Tamnar II (Phase 1)	Tamil Nadu	Long Term	Feb-14	Sep-28	400
Tamnar II (Phase 1)	KSEB	Long Term	Jun-16	May-41	200
Tamnar II (Phase 1)	KSED	Long Term	0ct-17	Sep-42	150
Tamnar II (Phase 1)	Chhattiagarh	Long Term	After commercial operation of Unit and for complete life of plant		60
Tamnar II (Phase 2)	Chhattisgarh	Long Term	After commercial operation of Unit and for complete life of plant		60

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

\* Out of 3400 MW (IPP)





### **Upcoming PPAs**

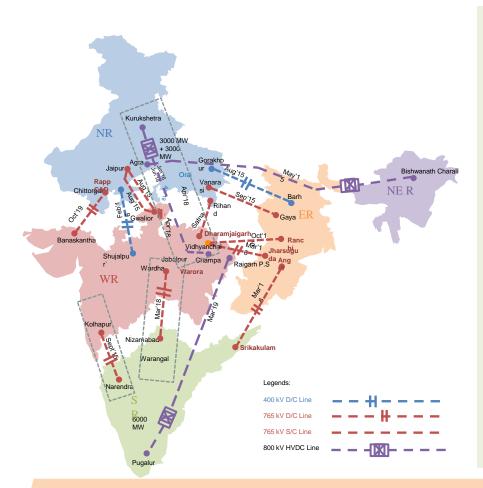
Procurer	Туре	Quantum (MW)	Schedule delivery	Tenure (years)
Indian Railway	Medium Term	1,010	Apr-16	3
Bangladesh	Short Term	250	Aug-16	2.5
Uttar Pradesh	Long Term	2,800	Oct-16	15
Bihar	Long Term	500	3 year after submission of RFP	NA
Uttar Pradesh	Long Term	1,000	0ct-16	15

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





### **Upcoming Transmission Infrastructure**



- Tamnar II (Phase 1):
  - $\checkmark\,$  Out of 400MW PPA with TNEB, open access for 224MW
  - ✓ Balance 176MW expected to be available by end of Sep-15 upon commissioning of Narendra – Kolapur (765 KV AC # 1,940 MW line)
- Tamnar II (Phase 1):
- ✓ 350 MW KSEB PPA, transmission corridor is expected from Jun-16
- Long term access from WR to NR granted for 557 MW is expected to be available by Jun-16 upon commissioning of Champa – Kurukshetra HVDC link (3,000 MW). This will be useful for power sale to UP
- No constraint in power evacuation to Western and Eastern Region entities including Bangladesh, where we have participated for 250 MW power supply

Transmission constraints expected to be resolved in the near term



## **JPL Financials**



Particulars	Net Sales (Million USD)	PAT (Million USD)	Generation (MU)	PLF
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%





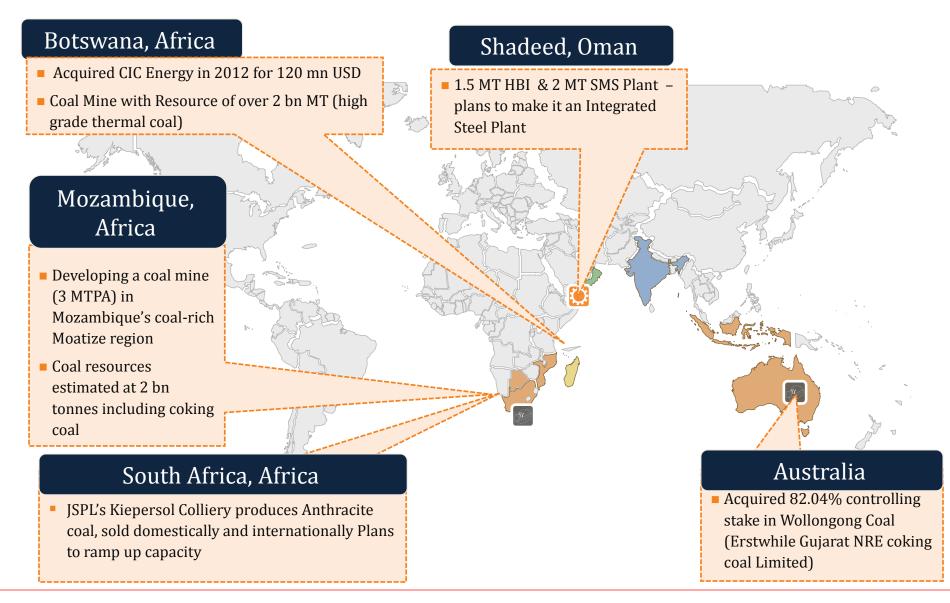


# **GLOBAL VENTURES**





# Summary of International Operations JINDA





## Jindal Shadeed Iron & Steel, Oman



### Marching towards becoming a Fully Integrated Steel Plant







## **Kiepersol Colliery, South Africa**



#### 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**

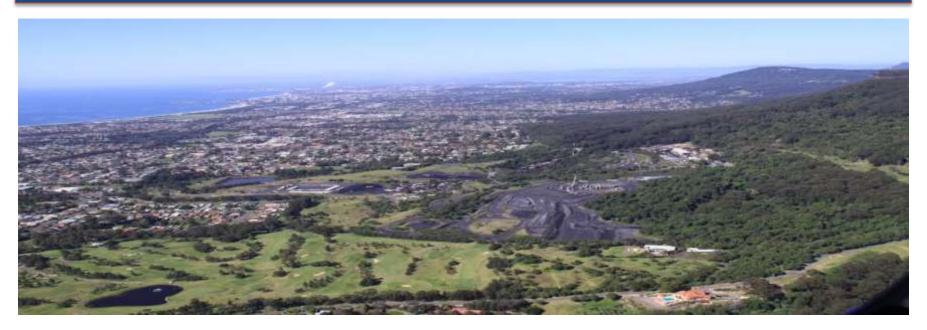


- Location: Chirodzi, Mozambique (105 kms from Tete)
- **Resources** : 2,000 MT
- ➤ Reserves: 132 MT
- Products : Semi Hard coking coal , High Grade Thermal Coal
- Mining Capacity : 3 MTPA





#### 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





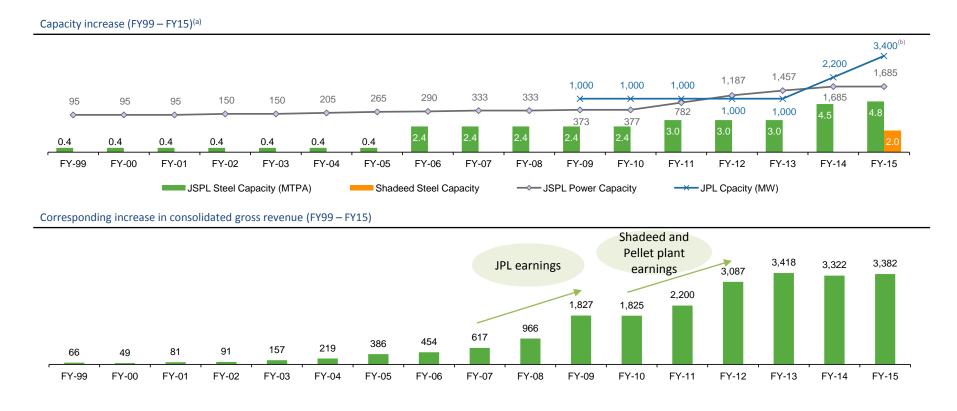
# **JSPL - Financials**







# Track record of phenomenal growth JINDAL in capacity & revenues



Multifold growth over the years

Note: USD – INR 64

(a) For FY1999, the capacity is for the period of 15 months and for FY 2000, the capacity is for 9 months

(b) Includes 600MW – synchronized and will be commissioned in FY-16



## **Consolidated Financials at a Glance**



	FY10	FY11	FY12	FY13	FY14	FY15
INCOME STATEMENT						
Revenue	11,152	13,194	18,351	19,807	19,286	19,401
EBITDA	5,232	6,398	6,935	6,669	5,776	5,483
PAT (Before Exceptionals)	3,635	3,804	4,002	2,912	1,894	457
PAT	3,635	3,804	4,002	2,912	1,894	-1,278
Cash Profit	4,760	5,115	5,575	4,593	3,876	2,064
BALANCE SHEET						
Gross Block	21,109	29,317	35,802	45,912	63,056	70,301
Net Worth	10,387	14,088	17,931	21,150	21,191	19,306
Net Debt	8,436	12,854	15,616	24,430	35,419	42,929
SIGNIFICANT RATIOS						
EBITDA Margin (%)	47	48	38	34	30	28
Net Profit to Sales (Before Exceptionals)(%)	33%	29%	22%	15%	10%	2%
Net Profit to Sales (After Exceptionals)(%)	33%	29%	22%	15%	10%	-7%
Return on Net Worth (Before Exceptionals) (%)	35%	27%	22%	14%	9%	2%
Return on Net Worth (After Exceptionals) (%)	35%	27%	22%	14%	9%	-7%
Long Term Debt Equity Ratio	0.59	0.7	0.61	0.77	1.29	1.83
EPS (INR/Share) <i>(Before Exceptional)</i> (a) (b)	39.1	40.8	42.4	31.1	20.5	5.0
EPS (INR/Share) (a) (b) (After Exceptional)	39.1	40.8	42.4	31.1	20.5	-14.0



Dantiquiana (Dunaagin Guanag)	For 3M ending		
Particulars (Rupees in Crores)	1Q FY16	4QFY15	
Turnover-Total	3,134	3,329	
EBITDA	710	622	
EBITDA %	23%	19%	
Depreciation	501	467	
Finance costs	691	642	
Profit before Tax	(428)	(479)	
Profit after Tax (PAT)	(267)	(235)	
Cash Profit	74	419	
CAPEX	744	806	

Operating Profit up 14%



## PANTHER Financial Results - Consolidated 1Q FY16 JINDAL

Doution love (Dun oos in Cuonos)	For 3M	For 3M ending		
Particulars (Rupees in Crores)	1Q FY16	4QFY15		
Turnover-Total	4,426	4,526		
EBITDA	1,018	789		
EBITDA %	23%	17%		
Depreciation	747	701		
Finance costs	852	771		
Profit before Tax	(506)	(678)		
Profit after Tax (PAT)*	(339)	(519)		
Cash Profit	250	1149		
CAPEX	1087	1865		

Operating Profit grew by 29%

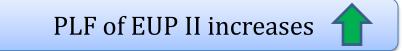




#### Financial Results – JPL 1Q FY16



Dontigulana (Dunaaa in Granaa)	For 3M e	For 3M ending		
Particulars (Rupees in Crores)	1Q FY16	4QFY15		
Turnover-Total	610	702		
EBITDA	170	389		
EBITDA %	28%	55%		
Depreciation	129	130		
Profit before Tax	36	246		
Profit after Tax (PAT)*	26	194		
Cash Profit	157	328		
Generation (million units)	1875	2446		
PLF (%) – 4 X 250 MW (EUP I)	45%	98%		
PLF (%) – 2 X 600 MW (EUP II)	34%	12%		







## **Steel Performance**

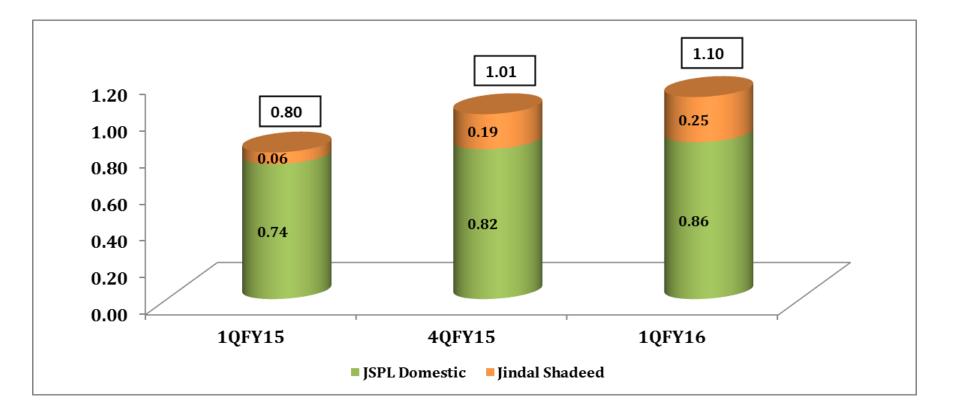


## **Product Profile**

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## **Finished Steel Production**



## Total Steel Production up 37%\* 1

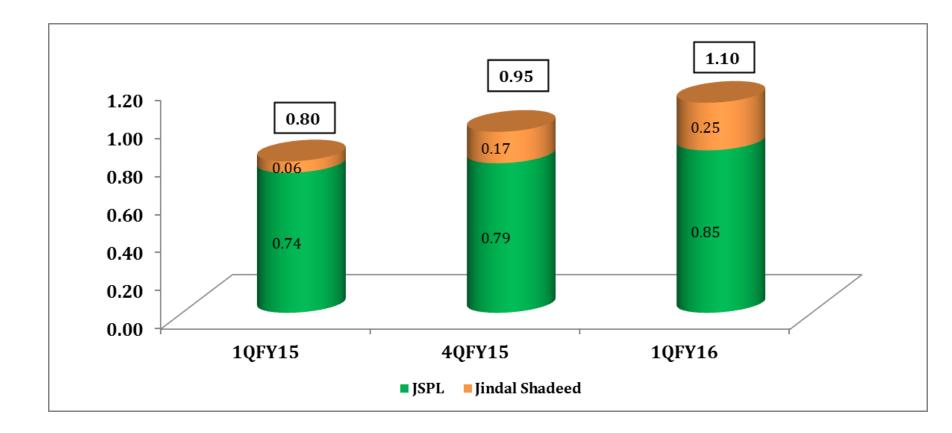








### **Finished Steel Sales Volumes**

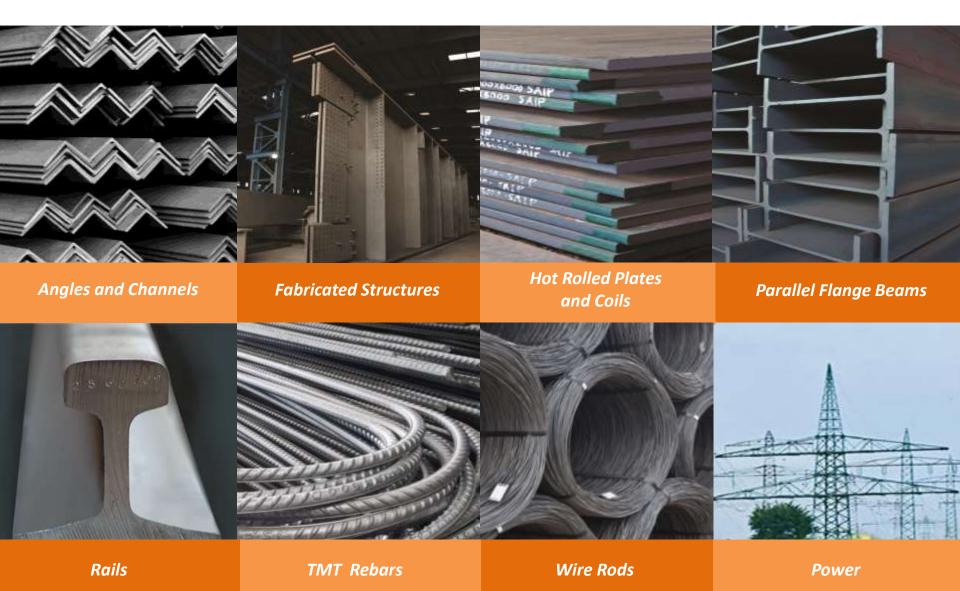


## Total Steel Sales volumes up 39%\*



## JSPL Product Range





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## Special Grade Plates – Angul





• 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



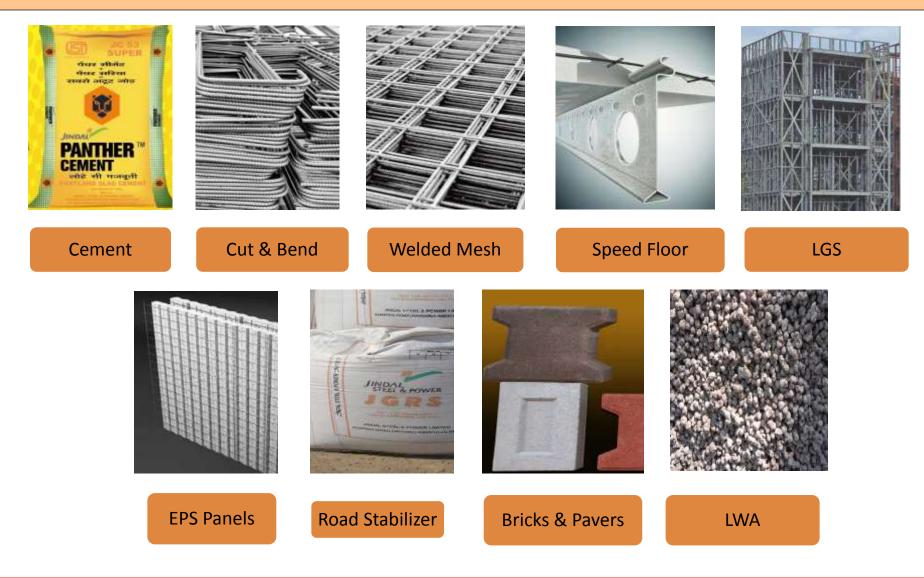


- Successful Revamping of Long Welding plant
- Commissioning of 260 mts. Long rail handling facility at RUBM, Raigarh.
- Successful Cold trials of Rail Head Hardening at RUBM, Raigarh in March'15 and final commissioning under progress.





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



## **PANTHER Extensive Sales and Distribution Network JINDAL**

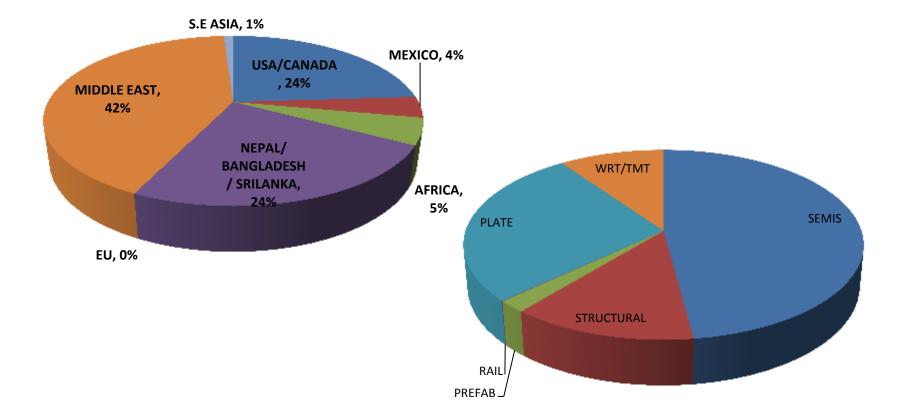


Pan India presence with multiple customer touch points



## COUNTRY / PRODUCT WISE PERFORMANCE 2014 -15







INDAL

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Customer base comprising large public and private sector clients

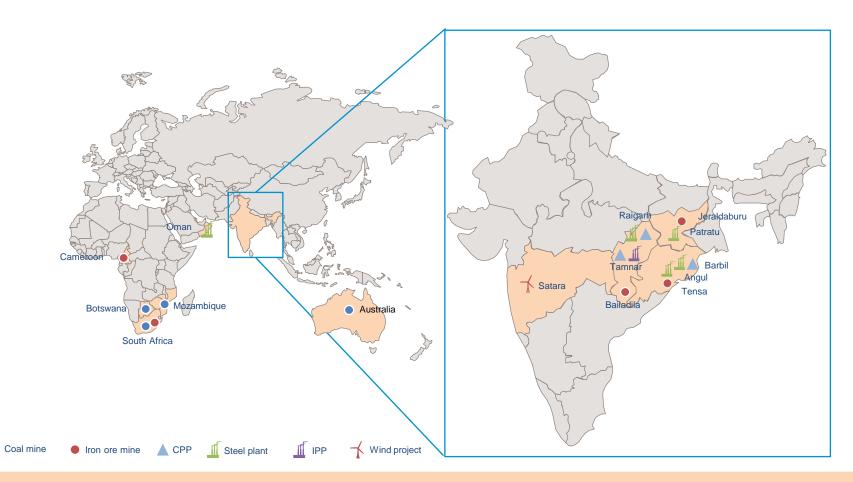
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# Facilities at a glance





Presence in resource rich regions well connected with evacuation infrastructure





## Chhattisgarh State

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## JSPL, Raigarh











## Heavy Machinery Division, Raipur

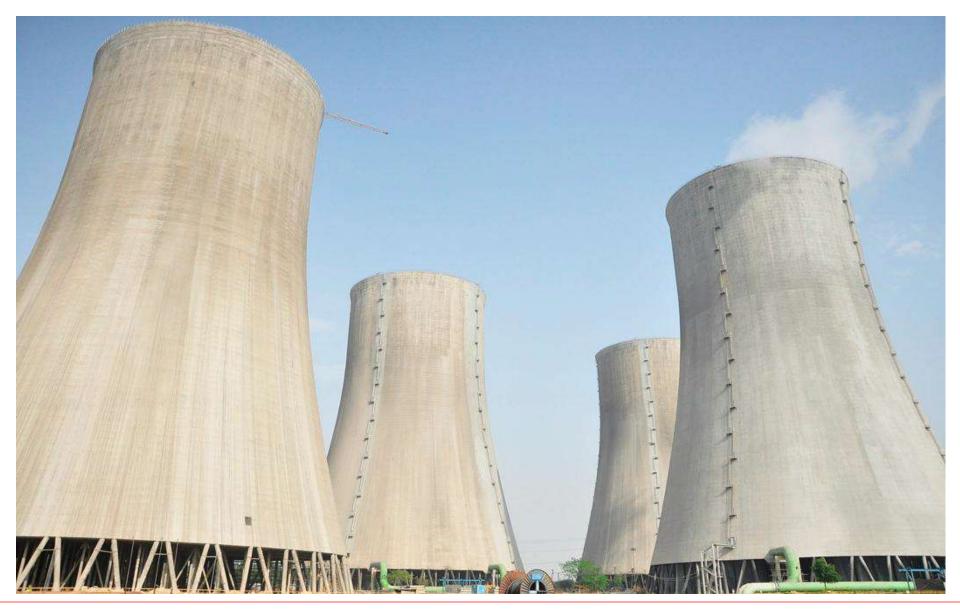






#### JPL – 4x600 MW - Tamnar









## **Odisha State**



## JSPL, Angul







### Pellet Plant, Barbil









## **Jharkhand State**



JSPL, Patratu







## Rolling Mill, Oman







## Making Sustainability A Focus Priority





## A Responsible Corporate Citizen



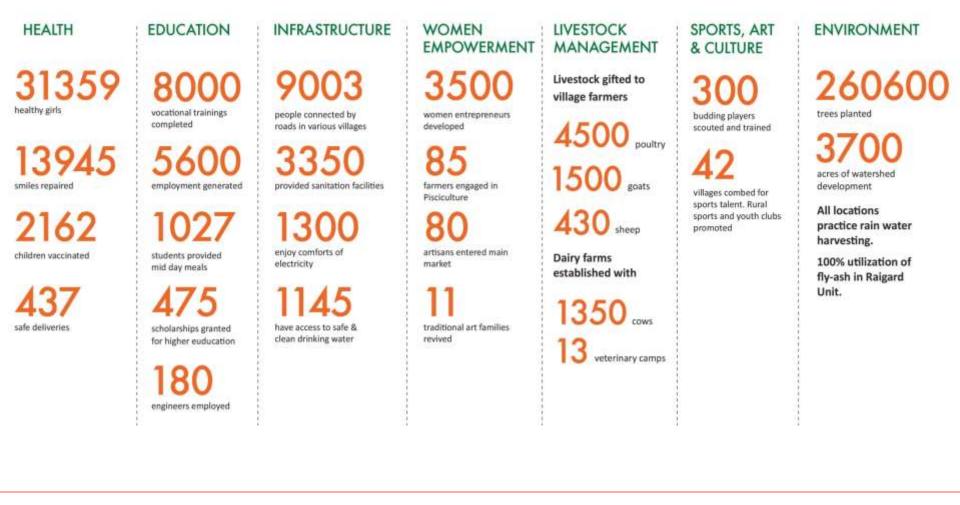
#### **9 PILLARS OF CSR**





## A Responsible Corporate Citizen





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## 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





## **Recent Award and Accolades for JPL**

- Central Electricity Authority (CEA) confers JPL with Top awards for "Early Completion of Thermal Power Projects" for FY 13-14 under a scheme by MoP.
- Gold Shield awarded to Unit -2 of 600 MW.
- Silver Shield awarded to Unit-1 of 600 MW.









### **Recent Award and Accolades for JPL**



#### 2 LEAVES AWARD FOR ENVIRONMENT AND ENERGY PERFORMANCE



### **Other Award and Accolades**



PLATINUM SIPO

CONSERVATION & INTING AWARDS

2013	International Safety Award with merit 2014 by British Safety Council, UK. World CSR Congress Award 2013 Greentech CSR Award 2013	6 SA B	bal H
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	ety GREENT	
	Ranked 3rd in the Metals Category of Business World's India's Most Respected Companies Survey	ard zow Safety &	tional Health
2011	Received the Forbes Asia's 'Fabulous 50' International Award	Admired_Top He CONF	E ON CO
	Golden Peacock Innovation Management Awards	4 SEPTEMI CIDA CIDA	SOA
	Greentech Award for 1st Position in Metal & Mining Industries	A LAND	
	World HRD Congress CSR Award on women empowerment	sted by .	
	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	FOUND IN G	
2010	Received the Forbes Asia's 'Fabulous 50' International Award	N GA	
2010	Golden Peacock Innovation Management Awards	del and D	-1 0
	CSR Excellence Award 2010 by ASSOCHAM for promoting and propagating Corporate Social Responsibility initiatives	इ दिल्ली	9
	Received the CNBC's Most Promising Entrant into the Big League at IBLA	AIICOD	AYE
	National Energy Conservation Award		ALTE
2009	Golden Peacock Innovation Award 2009		BLOK
	Winner of 'Shrishti Green Cube Award 2009		
	SAIL HR Excellence Award 2009	FEENT OF HER	





#### 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









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The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, competition (both domestic and international), economic growth in India and the target countries for exports, ability to attract and retain highly skilled professionals, time and cost over runs on contracts, our ability to manage our international operations, government policies and actions with respect to investments, fiscal deficits, regulations, etc., interest and other fiscal costs generally prevailing in the economy. Past performance may not be indicative of future performance. We do not undertake to update our forward-looking statements.

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## **THANK YOU**