

August 19, 2019

**BSE** Limited

Corporate Relationship Department,

1st Floor, New Trading Ring,

Rotunda Building, P J Towers,

Dalal Street, Fort, Mumbai – 400 001

Scrip Code: 532286

National Stock Exchange of India Limited

Exchange Plaza, 5th Floor,

Plot No. C/1, G Block

Bandra-Kurla Complex, Bandra (E),

Mumbai-400051

Symbol: JINDALSTEL

Subject:

Intimation under Regulation 30(6) of Securities and Exchange Board of India

(Listing Obligations and Disclosure Requirements), Regulations 2015 - Investor

Presentation

Dear Sir/ Madam,

Please find attached herewith Investor Presentation for the information of the Stakeholders.

Submitted for your kind information and record please.

Kindly host the same on your website.

Thanking you.

Yours faithfully,

For Jindal Steel & Power Limited

Deepak Nathani

Authorised Signatory

Ercl. : as above.















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

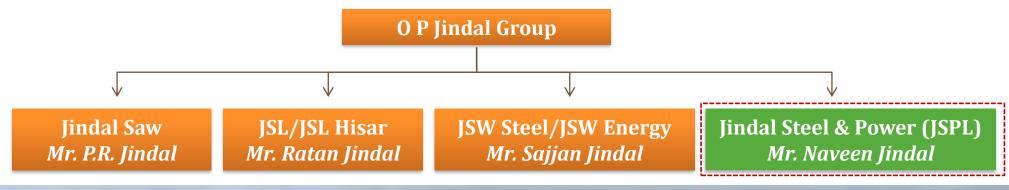








# Ownership Structure - O P Jindal Group









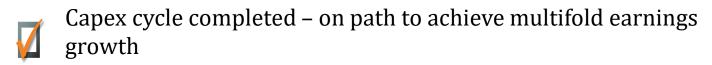
## JSPL - Formidable Steel & Power player











- 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



#### **Experienced Board Of Directors**





**Naveen Jindal** *Chairman* 

• Experience: 21 years

 Qualification: MBA (University of Texas)



**Shallu Jindal** *Non Executive Director* 



**R.V. Shahi** Independent Director

• Experience: >48 years

• Qualification: MBA

• Former Power Secretary



**Arun Kumar Purwar** *Independent Director* 

Experience: >30 years

• Qualification: M.Com

· Former CMD, SBI



**Sudershan Kumar Garg** *Independent Director* 

• Experience: >45 years

• Qualification:Bcom & CA

 Former Chairman & MD of NHPC and NHDC Limited



Hardip Singh Wirk Independent Director

• Experience: >11 years

Qualification: LLB



**V.R Sharma** Wholetime Director

Experience: >38 years.

 Qualification: Mech. Engineering, MBA (marketing)



N.A. Ansari Wholetime Director

Experience: >43 years.

 Qualification: B.Sc. Engineering



**Dinesh Kumar Saraogi**Wholetime Director

• Experience: > 38 years

• Qualification: Mechanical Engineering



Anjan Barua Nominee Director Experience: > 41 years Former Director of NSE and CDSL



### ...& Best in Class Management





V.R SharmaManaging DirectorExperience: >38 years.



N.A. AnsariJoint Managing DirectorExperience: >43 years.



**Sudhanshu Saraf** *CEO – Steel*• Experience: >30 years



Deepak SoganiCFO - JSPLExperience: >30 years



MD & CEO - PowerExperience: >30 years

**Bharat Rohra** 



CFO - JPLExperience: >23 years

**Rajeev Jain** 



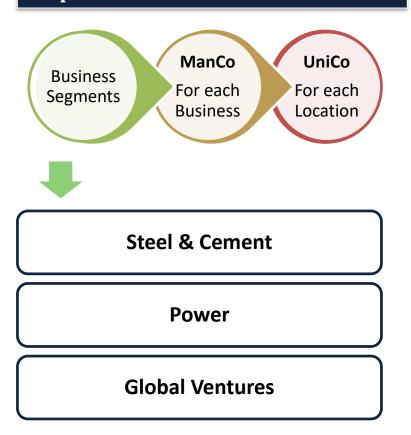


### Moving Towards Plural Leadership

#### **Strategic Governance Structure**



#### **Operational Governance Structure**



**Implementation of Strategic & Operational Governance Structure** 

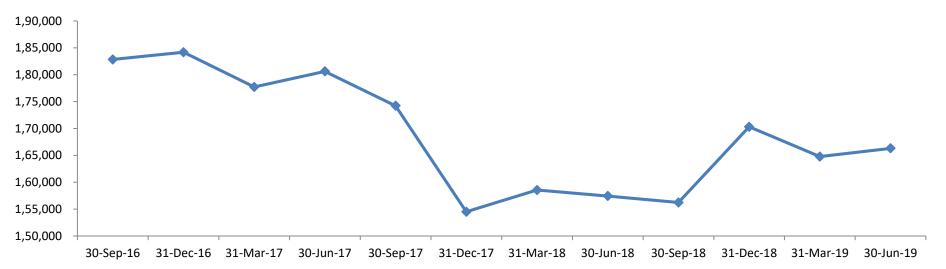




# Shareholding of JSPL from FY16

	30-Sep-16	31-Dec-16	31-Mar-17	30-Jun-17	30-Sep-17	31-Dec-17	31-Mar-18	30-Jun-18	30-Sep-18	31-Dec-18	31-Mar-19	30-Jun-19
Promoters	61.89%	61.89%	61.89%	61.89%	61.89%	61.96%	58.66%	58.66%	58.66%	58.66%	58.69%	60.52%
Institutional Investors	20.00%	19.39%	19.57%	18.91%	21.22%	23.60%	28.76%	28.85%	29.01%	26.63%	26.26%	23.98%
Public and other share holding	18.11%	18.72%	18.54%	19.20%	16.89%	14.44%	12.58%	12.49%	12.33%	14.71%	15.05%	15.50%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Number of share holders	1,82,833	1,84,184	1,77,719	1,80,617	1,74,223	1,54,489	1,58,544	1,57,421	1,56,226	1,70,296	1,64,769	1,66,299

#### **Number of share holders**



-



#### **Business Segments**



## Steel Power Global Ventures







#### **Current Capacities - Domestic & Global**







8.6 MTPA Steel\*

3.11 MTPA\* Iron ore

9 MTPA\* Pellet Plant

IPP - 3400MW\*\*

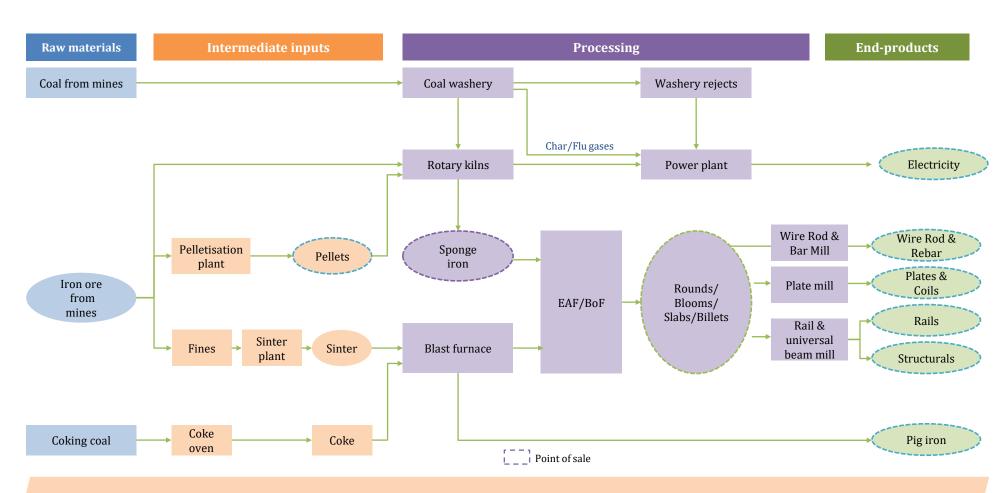
CPP - 1634 MW

2.4 MTPA Steel, Coal & Iron Ore Mines





### Integrated Operations with multiple point of sale



Multiple sale points across steel value chain



## Steel Capacities across Life Cycle



Iron Making (10.25 MTPA)

**DRI 3.12 MTPA** 

**BF 5.33 MTPA** 

**HBI 1.80 MTPA** 

<u>Liquid Steel</u>

(11.00 MTPA)

**SMS 11.00 MTPA** 

Finished Steel

(7.95 MTPA)

**WRM 0.60 MTPA** 

**RUBM 0.75 MTPA** 

**MLSM 0.60 MTPA** 

Plate Mill 2.20 MTPA

**BRM 3.80 MTPA** 



#### Detailed plant wise capacities



Raigarh Barbil **Patratu** Angul **Oman JPL** Mining (Odisha) (Odisha) (Chhattisgarh) (Jharkhand) CGP 225,000 BF 2.125 **HBI 1.8** Nm3/Hr **MTPA MTPA DRI 1.32 BF 3.2 MTPA WRM MTPA** 0.60 **DRI 1.8 MTPA SMS MTPA 3.6MTPA NEOF 2.5 SMS 2.4** Iron Ore **MTPA Pellet Tamnar Plate Mill MTPA Plant** 1.00 MTPA **BOF 2.5** 3400 3.11 **MTPA 9 MTPA MW MTPA RUBM 0.75 BRM 1.4 MTPA MTPA BRM 1.0** MLSM 0.60 Plate Mill 1.2 **BRM 1.4 MTPA MTPA MTPA MTPA CPP 824 MW CPP 810 MW Hot Metal Liquid Steel Finished Steel Power** 







	<u>FY '14</u>	<u>FY '19</u>	
Steel - India	3 MTPA	8.6 MTPA	~2.86x
Power	1,000 MW	3400 MW	3.4x
Oman	0 MTPA	2.4 MTPA	Add
Pellet	4.5 MTPA	9 MTPA	~2x

All major capex completed – scale of growth is approx. Three Times



#### ..... potential for BIG LEAP



**FY19 Capacity** 

**Production in FY19** 

<u>Upside</u> <u>Potential</u>

Steel - India Capacity

**8.6 MTPA** 

5.25 MTPA

64%

Steel - Oman Capacity

2.4 MTPA<sup>(1)</sup>

1.71 MTPA

40%

Independent Power Capacity

3,400 MW

1187 MW

186%

Pellet Capacity

9.0 MTPA

7.08 MTPA

**27%** 

**Upside potential remains to be exploited** 

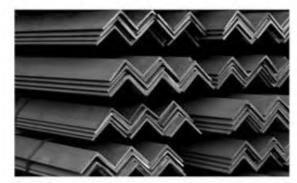


## JSPL Product Range





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



Angles Sizes: 50mm to 250mm



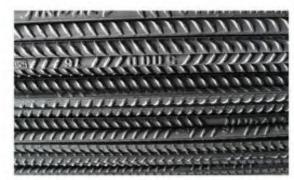
Parallel Flange Beams & Columns Sections: UB, UC, NPB, WPB, IPE and HE series. Size range: 180m to 900mm



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



Channel Sizes: 75mm to 400mm



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



#### JSPL Product Range





**Plates** 

Width: 1500mm to 4900mm Thickness: 5mm to 150mm



Coils

Width: 1500mm to 2500mm Thickness: 5mm to 25mm



**Fabricated Structures** 

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

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



Speed Floor Available Joist Depth: 200mm, 250mm, 300mm, 400mm



Cut & Bend Customized and Ready to Use TMT Rebars



Welded Wire Mesh Width: 1200mm to 3200mm Length: 2000mm to 6000mm



#### Special Grade Plates - Angul



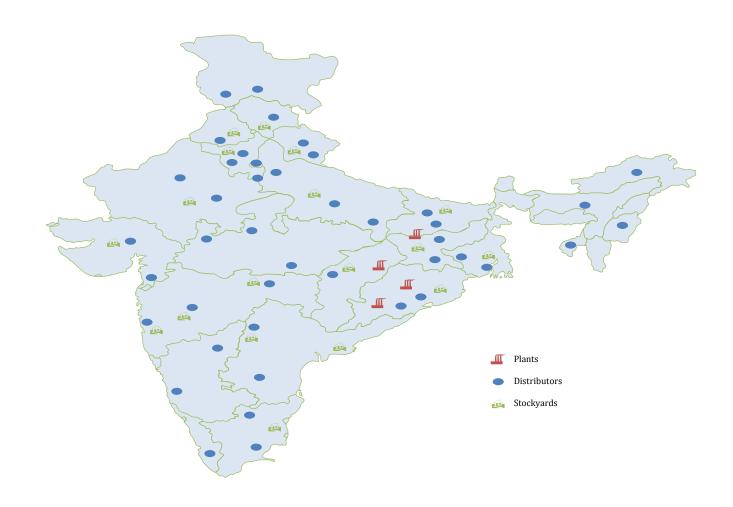


 Developed steel grades for various critical applications like boilers, ship building, petroleum pipes, high strength grades for automotive and earth movers, structural steel for oil exploration platforms, grades for making warships, ballistic launch applications and bullet proof vehicles, stainless steel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



# Extensive Sales and Distribution Network





Pan India presence with multiple customer touch points





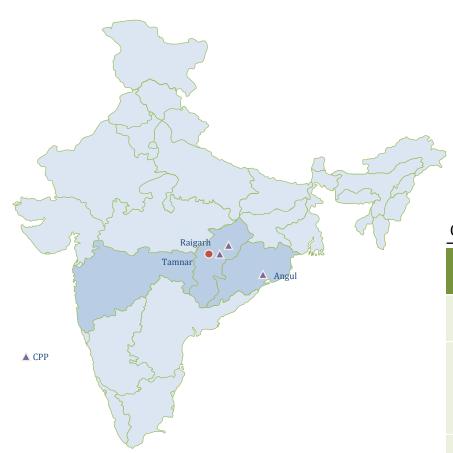
# **POWER BUSINESS**





#### Power Capacities at a glance





#### Independent Power Projects (IPP)

Project	Capacity (MW)	Fuel	Configuratio n	Status
Tamnar 1	1,000	Coal	4x250 MW	Operational
Tamnar 2	2,400	Coal	4x600 MW	Operational

#### Captive power projects (within JSPL)

Project	Capacity (MW)	Fuel	Configuration	Status
DCPP, Raigarh	540	Coal	4x135 MW	Operational
JSPL, Raigarh	284	Coal & waste heat	1x24 MW (Waste heat) 2x55 MW 6x25 MW	Operational
Angul, Odisha	810	Coal	6 x135 MW	Operational

One of the largest & cost-efficient 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)



# Key Contractual Arrangements for JPL JINDAL



#### Tamnar-I, 1,000 MW (EUP I)

#### Tamnar-II - 1,200 MW (EUP II)

#### Tamnar-II - 1,200 MW (EUP III)

FSA



 Coal sourced through – market purchase and e-auction

 Long term linkage from Mahanadi Coal Limited (MCL) and South Eastern Coalfields Limited (SECL)

 Coal sourced through – market purchase and e-auction

PPA



 Bilateral/short term/ exchange

■ TNEB – 200 MW

■ TNEB – 400MW

CSEB – 60MW

KSEB – 200MW

KSEB – 150MW

CSEB – 60MW

Evacuation



• Open access available

• Open access available

Open access available

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







			Period		Quantum
Project	Buyer	Type	From	То	(MW)
Tamnar II (Phase 1)	Tamil Nadu	Long Term	Feb-14	Sep-28	400
Tamnar I	raiiii Nauu	Medium Term	Sep-17	Aug-19	200
Tamnar II (Phase 1)	KSEB	Long Term	Jun-16	May-41	200
Tamnar II (Phase 1)	KSED	Long Term	Oct-17	Sep-42	150
Tamnar II (Phase 1)	Chhatticgarh	Long Term	After commercial operation of Unit and for complete life of plant		60
Tamnar II (Phase 2)	Chhattisgarh	Long Term			60

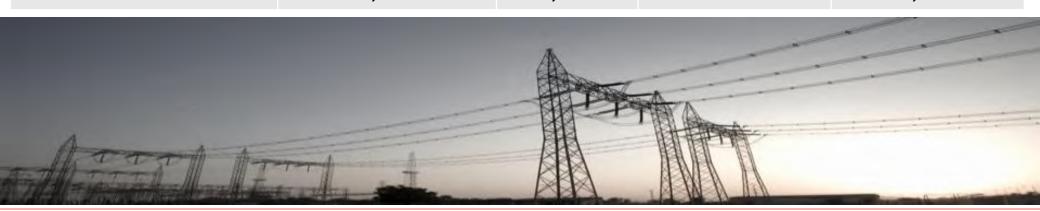
#### Over 30% of total capacity tied up \*



# JPL Financials



Particulars	Net Sales (Rs. Cr.)	PAT (Rs. Cr.)	Generation (MU)	Cash Profit (Rs. Cr.)
Year 2018-19	3858	(436)	10396	816
Year 2017-18	4,059	(673)	10,905	778
Year 2016-17	3,119	(668)	9,176	656
Year 2015-16	2,997	(766)	9,542	706
Year 2014-15	3,228	(171)	10636	523
Year 2013-14	2,457	1,107	8282	1,386
Year 2012-13	2,510	1,113	7973	1,420







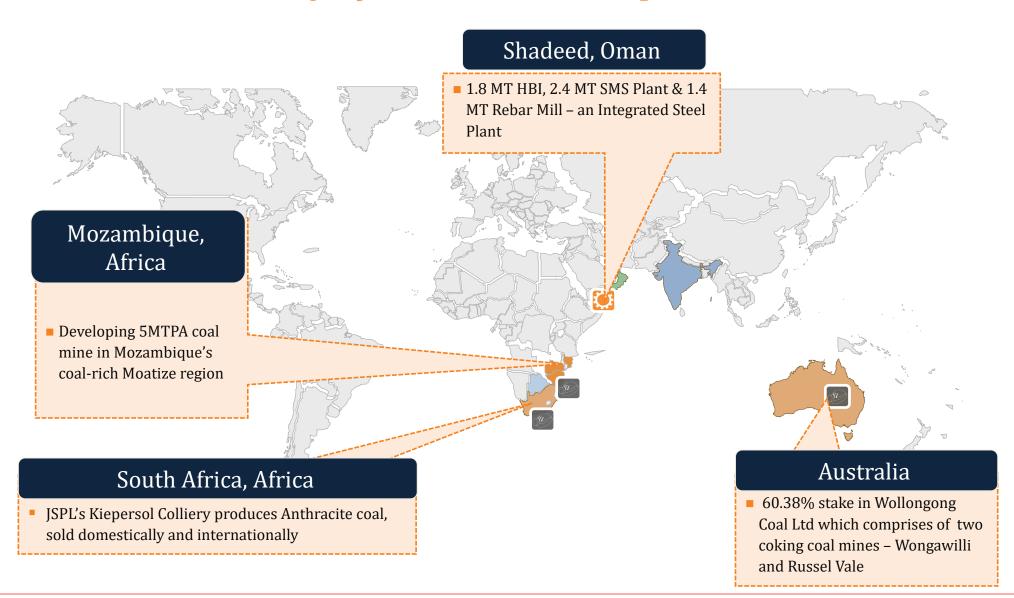
# GLOBAL VENTURES







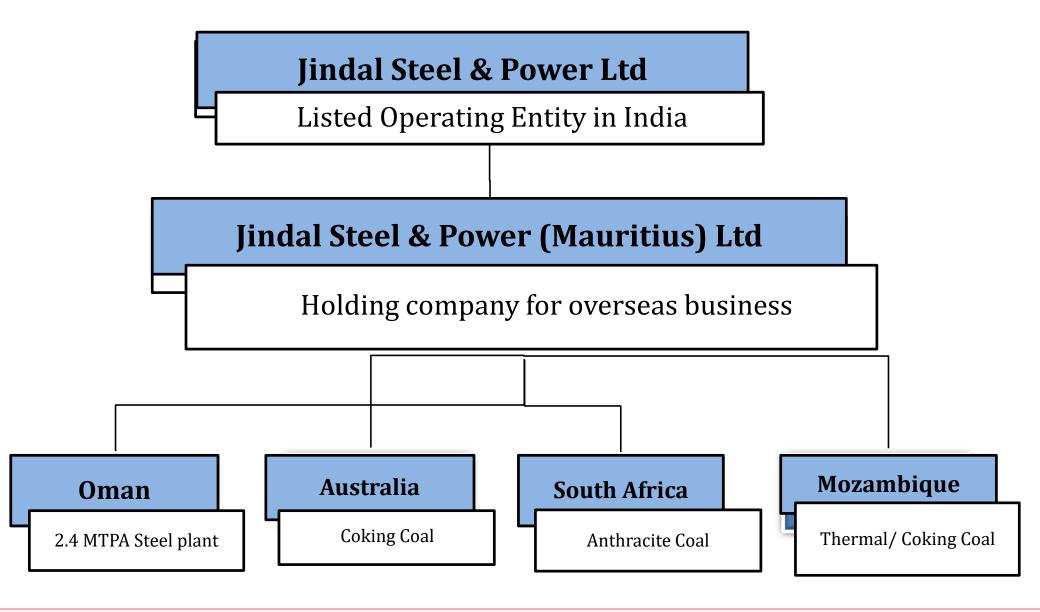
## Summary of International Operations





# HER HOLDING STRUCTURE FOR GLOBAL OPERATIONS JINDAL









#### Jindal Shadeed Iron & Steel, Oman

#### Marching towards becoming a Fully Integrated Steel Plant



1.8 HBI 2.4 MTPA SMS 1.4 MTPA Rolling Mill





#### **Oman - Salient Features**

- First & Largest Integrated steel plant of Oman
- Second largest in Arabian Peninsula
- Port based steel plant
- Largest Arc furnace in Arabian Peninsula, with contracted natural gas
- One of the World's 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 plant)
- Natural Gas from Oman Government through long term contract (at concessional prices)
- Scrap from External Sources



#### 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



#### Chirodzi Mine - Mozambique, Africa



#### **Open Cut Coking & Thermal Coal Mine**



➤ **Location:** Chirodzi, Mozambique (105 kms from Tete)

> Resources: 2,000 MT

> Reserves: 750 MT

> **Products**: Semi Hard coking coal, High Grade Thermal Coal

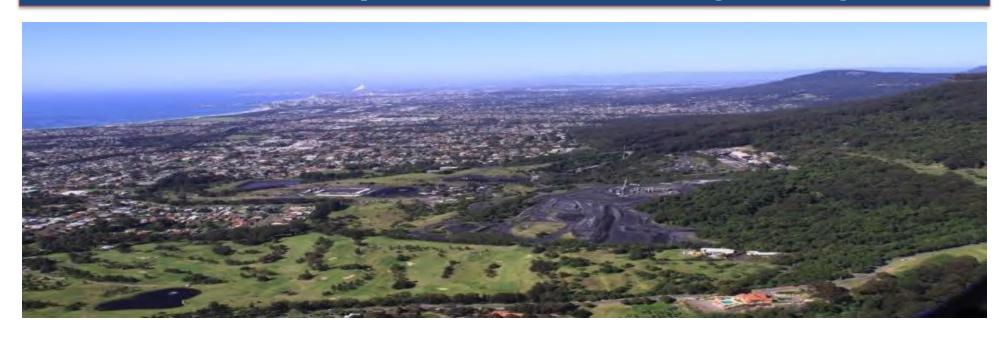
➤ **Mining Capacity**: Upto 5 MTPA



#### Wollongong Coal Ltd., Australia



#### Two Mines with Unique unmatched location & strategic advantages



➤ **Location:** Russell Vale & Wongawilli

> Reserves: 125 MT

Products: High Quality Coking Coal

➤ **Mining Capacity** : > 2 MTPA

**Logistics :** Port Kembla - Less than 20 kms



# JSPL Consolidated Financials



Particulars	Net Sales (Rs. Cr.)	EBITDA (Rs. Cr.)	EBITDA %	Interest (Rs. Cr.)	PAT (Rs. Cr.)
Year 2018-19	39,372	8,406	21%	4,264	(2,412)
Year 2017-18	27,841	6,469	23%	3,866	(1,624)
Year 2016-17	22,696	4,709	21%	3,441	(2,540)
Year 2015-16	20,368	3,437	17%	3,254	(3,086)
Year 2014-15	19,359	5,440	28%	2,606	(1,455)
Year 2013-14	18,218	5,456	30%	1,181	1,894
Year 2012-13	19,974	5,994	30%	758	2,912





# FINANCIAL & OPERATIONAL HIGHLIGHTS

### Q1FY20 PERFORMANCE





#### **STANDALONE**

Total Revenue **8,237** up **6%**YoY



#### **CONSOLIDATED**

Total Revenue **11,099** up **4%** YoY







#### **Jindal Power Limited**

Revenue **1,114** up by **15%** YoY Generation **2,982** MU Up by **13** % QoQ

**MINING** 



Mozambique RoM Production **614** KT Up by **126**% YoY

Figures in Rs. Crores

**DOMESTIC** 

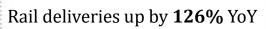




Steel & related products volumes **1.51 Million Tonnes** UP BY **16%** YoY

**RAIL** 





**EBITDA** 

1 18%

**JSPL Consolidated** 

**1** 35%

**Jindal Power Limited** 

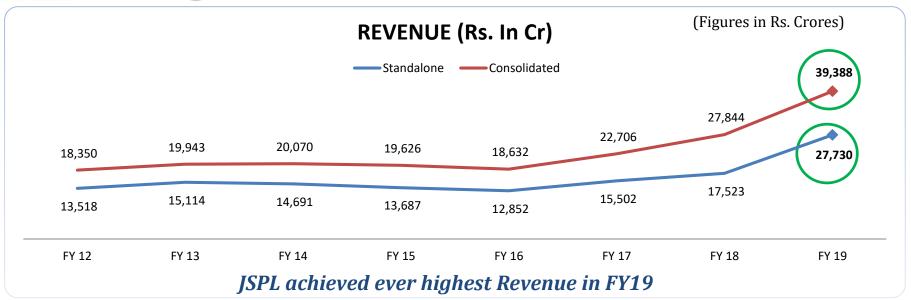
**1** 12%

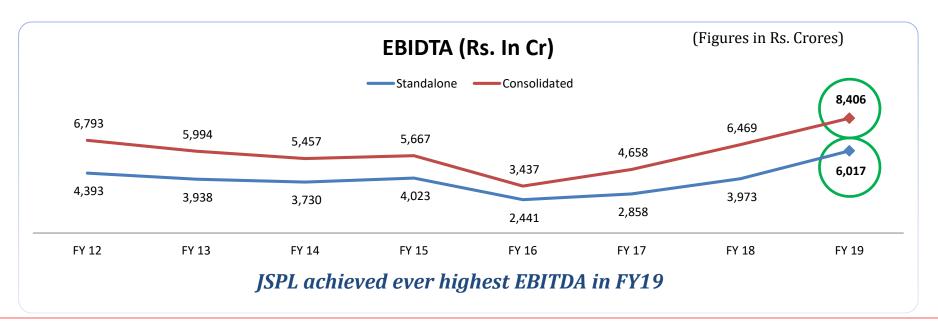
JSPL Standalone



## **Highest ever Revenue & EBITDA in FY19**





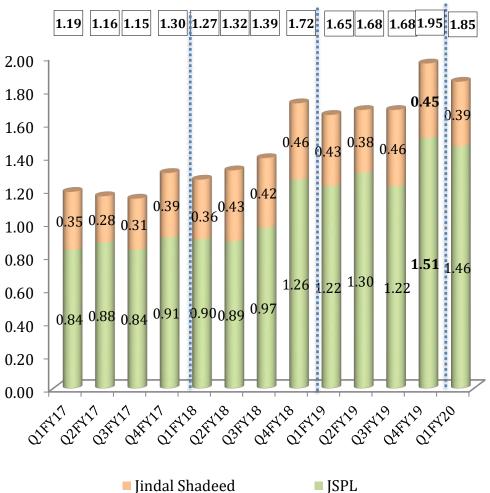




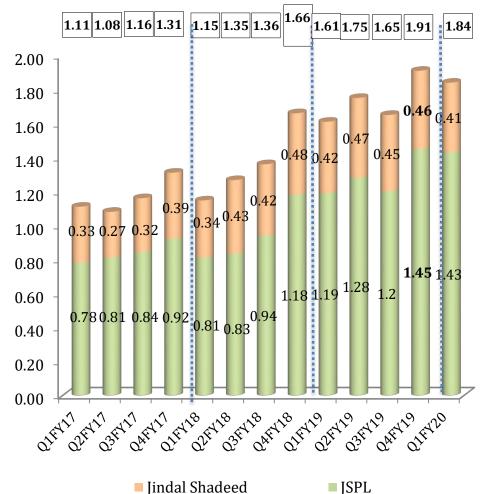
### **OPERATIONAL PERFORMANCE**



#### **Consolidated Steel Production**



#### **Consolidated Steel Sales**





## **JSPL STANDALONE KEY FINANCIALS**



Q4 FY 19	Q1 FY 20	% VAR	PARAMETER (IN CRORES OF INR)	Q1 FY 20	Q1 FY 19	% VAR
7,402	7,085	4%	Turnover	7,085	6,734	5%
1,440	1,608	12%	EBITDA	1,608	1,645	2%
19%	23%		EBITDA %	23%	24%	
576	567	2%	Depreciation + Amortization	567	577	2%
979	697	29%	Interest	697	605	15%
(115)	344		PBT (Before Exceptional)	344	463	26%
(1,654)	-		Exceptional	ı	-	
(1,769)	344		PBT	344	463	26%
(1,154)	224		PAT	224	332	33%

Note: Red denotes decrease & Green denotes increase



## **JSPL CONSOLIDATED KEY FINANCIALS**



Q4 FY 19	Q1 FY 20	% VAR	PARAMETER(IN CRORES OF INR)	Q1 FY 20	Q1 FY 19	% VAR
10,159	9,946	2%	Turnover	9,946	9,665	3%
1,845	2,173	18%	EBITDA	2,173	2,277	5%
18%	22%		EBITDA %	22%	24%	
2,373	1,054	56%	Depreciation + Amortization	1,054	1040	1%
1,163	1,109	5%	Interest	1,109	973	14%
(1,692)	11		PBT (Before Exceptional)	11	264	
(1,734)	-		Exceptional	-	-	
(3,426)	11		PBT	11	264	
(2,713)	(87)		PAT	(87)	110	

Note: Red denotes decrease & Green denotes increase

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## JPL KEY FINANCIALS



Q4 FY 19	Q1 FY 20	% VAR	PARAMETER(IN CRORES OF INR)	Q1 FY 20	Q1 FY 19	% VAR
999	1,114	12%	76 Turnover		968	15%
267	360	35%	EBITDA	360	314	15%
27%	32%		EBITDA %	32%	33%	
324	289	11%	Depreciation + Amortization	289	329	12%
236	217	8%	Interest	217	216	-
44	(3)		PBT (Before Exceptional)	(3)	(163)	98%
81	-		Exceptional	-	-	
(37)	(3)	91%	PBT	(3)	(163)	98%
13	23	77%	PAT	23	(134)	
368	286	22%	Cash Profit	286	166	72%
2,609	2,982	14%	Generation (million units)	2,982	2,751	8%

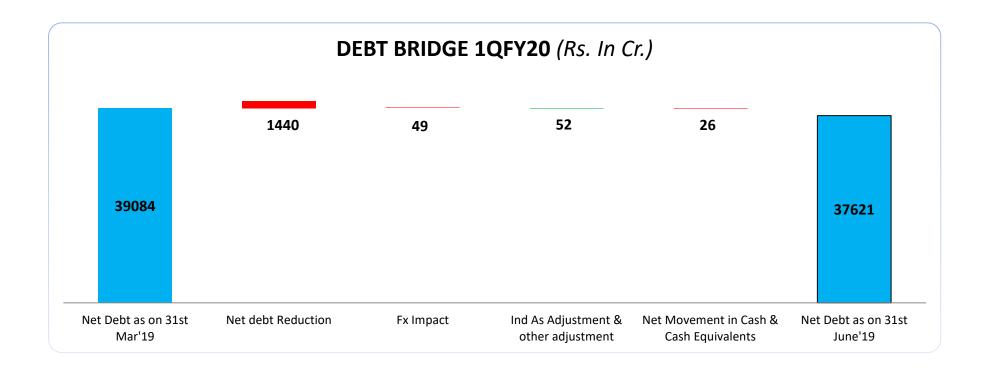
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## JSPL CONSOLIDATED DEBT BRIDGE QoQ





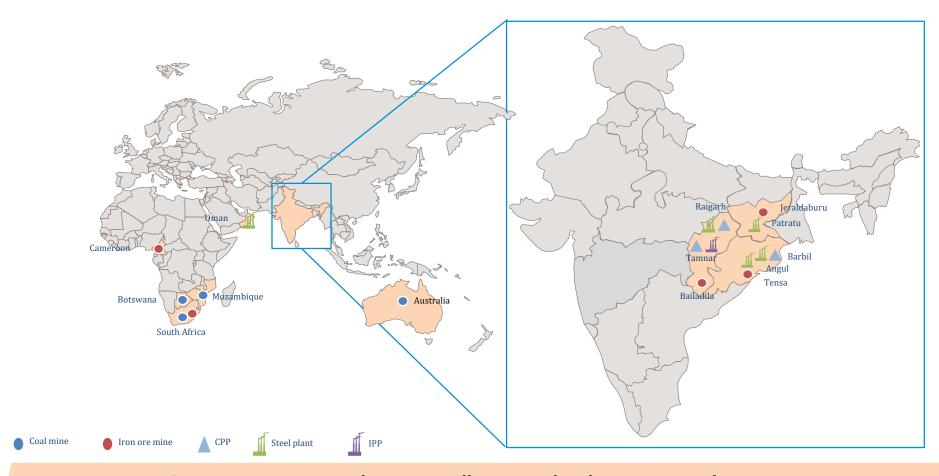


# Facilities at a glance





## Global Presence in attractive markets



Presence in resource rich regions well connected with evacuation infrastructure





# INDIA



# Chhattisgarh



### Integrated Steel Plant, Raigarh







Heavy Machinery Division, Raipur

Tamnar,3400 MW Power plant







## **Odisha**





# Integrated Steel Plant, Angul

Pellet Plant, Barbil





# **Jharkhand**





WRM & BRM, Patratu



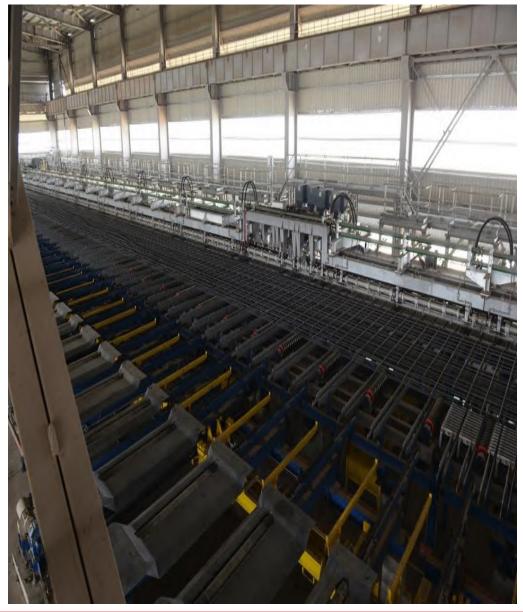


# **OMAN**



# Jindal Shadeed, Oman











## Making Sustainability A Focus Priority







## Pillars of CSR







## Sustainable CSR

HEALTH & NUTRITION	DRINKING WATER & SANITATION	EDUCATION	SKILL BUILDING	SUSTAINABLE LIVELIHOOD & WOMEN EMPOWERMENT	
1.7 Lakh+	17 Lakh+	15000+	1 Lakh +	9000+	
Adolescent girls and women benefitted from our reproductive healthcare initiatives	People provided with safe and clean drinking water facilities	Students empowered through quality education	People provided with vocational training and contributing to National Skill Pool	Women empowered through SHGs	
12 Lakh + 45000+		10000+	6000+	10000+	
People benefitted from our health interventions	Families provided by improved community sanitation facilities	Scholarships for poor and underprivileged children	Students empowered through industry specific programs and through world class universities	Sustainable Livelihood options generated for Rural Families	





## Sustainable CSR

ENVIRONMENT & AGRICULTURE	SPORTS		COMMUNITY INFRASTRUCTURE	SOCIAL INCLUSION	
30 Lakh+	8000+	400+	12 Lakh+	150+	
Saplings Planted/ 10 Lakh through community initiatives	Lakh through  National and		People provided/ benefitted with infrastructural development facilities	efitted with supported with	
4000+	900+	350+	250+	65+	
4000 acres catchment area of Watershed developed and 335 acres of WADI land reclamation	Youths including women players supported with coaching and nutrition care	Grass root level change makers mainstreamed through Swayamsiddh Samman	Kilometres roads laid for connectivity and linkage	Senior citizens provided with nourishment care	



## Health & Safety Best Practices













## Health & Safety Best Practices













## Recent Awards & Recognitions



- Prestigious Award for Achievement in Supply of Railway Tracks, Rail Analysis Award 2019
- JSPL was awarded "FICCI CSR Award " for Women Empowerment 2018
- JSPL was awarded "Platinum Award" for Health & Safety Excellence at the Apex India Excellence Award 2018-19
- JSPL was awarded "Outstanding Company in Steel- Construction Category, EPC World Award 2018"
- JSPL has been ranked by Institutional Investor Magazine in 2018:
  - #1 in Asia in Best IR Professionals Rankings (Sell Side) in Basic Material Sector
- Jindal Panther bagged "India's Most Trusted Brand Award" organised by IBC Info Media Corp USA
- JSPL was awarded "Odisha Excellence Award, 2018", for its sustainable social development in the state.
- Jindal Panther was awarded "Iconic Brand of the Year" by Economic Times
- Jindal Shadeed Sultan QABOOS award for Industrial Excellence & Innovation 2017-18
- JSPL Tensa was conferred with 23 prizes during 55th Annual Mines Safety Week celebration 2017
- JSPL honoured with the prestigious Odisha INC Award for its innovative CSR activities in Odisha.
- 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 Frost and Sullivan's '2017 GCC Ferrous Company of the Year Award' for Business Excellence best practices.
- JSPL Barbil and Patratu won the "Golden Bird Safety Awards in Platinum Category" for implementing the best health and safety practices during the year 2016-17





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## **DISCLAIMER**



This presentation may contain certain forward looking statements concerning Steel & power sector, Economy and JSPL's future business prospects and business profitability, which are subject to a number of risks and uncertainties and the actual results could materially differ from those in such forward looking statements.

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