





# Jindal Steel and Power Ltd

Investor Presentation

4Q FY16 (May' 16)







## **Table of Contents**



S No.	Content	Slides
1	The Company	3-12
2	Focus for FY2016-17	13-14
3	Overview & Business Segments	15-25
4	Power Business	26-34
5	Global Ventures	35-45
6	Financials & Operational Highlights	46-53
7	Key Initiatives & Projects Update	54-61
8	Facilities at a glance	62-78
9	CSR Initiatives	79-82
10	Rewards & Recognitions	83-85
11	Contact Us	86



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









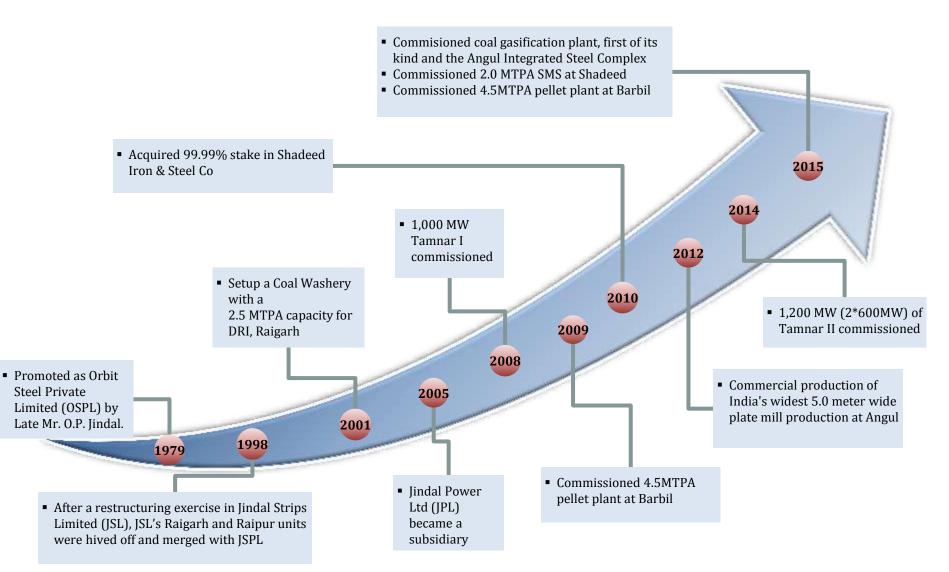
## Ownership Structure - O P Jindal Group







# Key Milestones during our journey

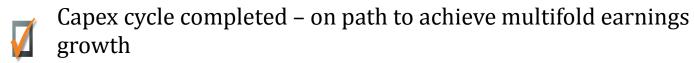




#### PANTHER JSPL - Formidable Steel & Power player JINDAL









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







## 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







#### 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 sliding at each of the plants

Superior asset quality and business model



# **Experienced Board Of Directors**JINDAL





Ravi Uppal MD & Group CEO

■ Experience: >36

years

Oualification: MBA (IIM - A)



Naveen Iindal 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



Haigreve Khaitan Independent Director

Experience: >18 years

Qualification: LLB



Hardip Singh Wirk Independent Director

Experience: >11 years

Qualification: LLB



Chandan Roy Independent director

Experience: 40 years

**Qualification: Mechanical** Engineering



Raieev Bhadauria Whole time director

Experience: 28

Qualification: LLB



Dinesh Kumar Saraogi Wholetime Director

Experience: 32 years

Oualification: Mechanical Engineering



Shalil Mukund Awale Nominee director

Experience: 18 years

Qualification: **Chemical Engineering** 



Sudershan Kumar Garg Independent Director

Experience: 39 years

Qualification: Bcom & CA



# ...& Best in Class Management JINDAL





**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.



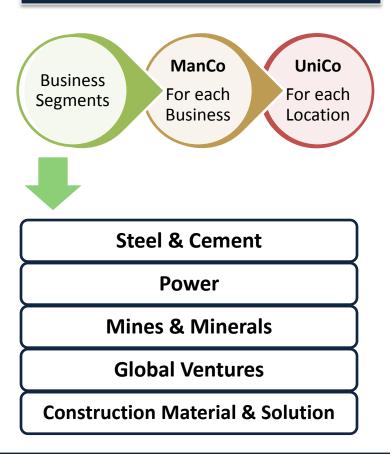
#### **Moving Towards Plural Leadership**



#### **Strategic Governance Structure**

# Core Management Team Senior Management Committee Senior Management Committee

#### **Operational Governance Structure**



Implementation of Strategic & Operational Governance Structure

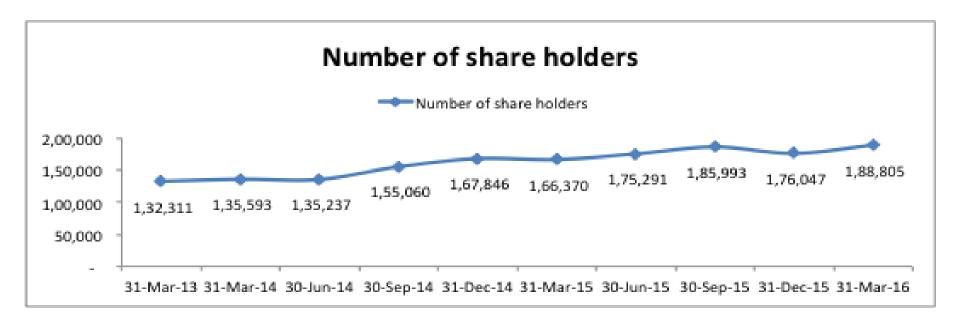


#### Shareholding of JSPL from FY13



	31-Mar-13	31-Mar-14	31-Mar-15	30-Jun-15	30-Sep-15	31-Dec-15	31-Mar-16
Promoters	59.13%	60.41%	61.29%	61.34%	61.89%	61.89%	61.89%
Institutional Investors*	27.45%	26.45%	22.66%	21.91%	19.53%	22.35%	21.08%
Public and other share holding	13.42%	13.14%	16.05%	16.75%	18.58%	15.76%	17.03%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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

<sup>\*</sup> From 31st Dec'15, Foreign Portfolio Investors have been recategorized as part of Institutional Investors (2.66%)









#### 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
- Completion of Refinancing of Debt in Steel
- Implementation of Vendor Managed Inventory on JIT principles





#### **Green Shoots for Steel Industry**

# India's per capita steel consumption of 59.4Kg, is way below world avg of 217 Kg in 2014.

Domestic Steel Demand Increasing during April-Feb '16

- Finished Steel: Consumption stood at 73 mt, a growth of 4.6% (y-o-y)
- Fall in Imports post February due to MIP & rising international prices

#### Increased Domestic Raw material availability:

- Iron Ore availability increased by 20% to estimated 155 Mt in FY 15-16
- More then 62 Mt additional Iron ore mining capacity came up in FY 15-16.
- Coal (from CIL & SCCL) availability increased by 9% (50Mt) to 597 Mt in FY 15-16

#### Government's Construction & Infrastructure led Growth Model:

- Steel is central to the idea of Urbanisation which is the focus of all programmes announced by the Government of India
- Union Budget 2016-17: Govt. to spend Rs 2,18,000 Cr on roads, railways



## **Business Segments**



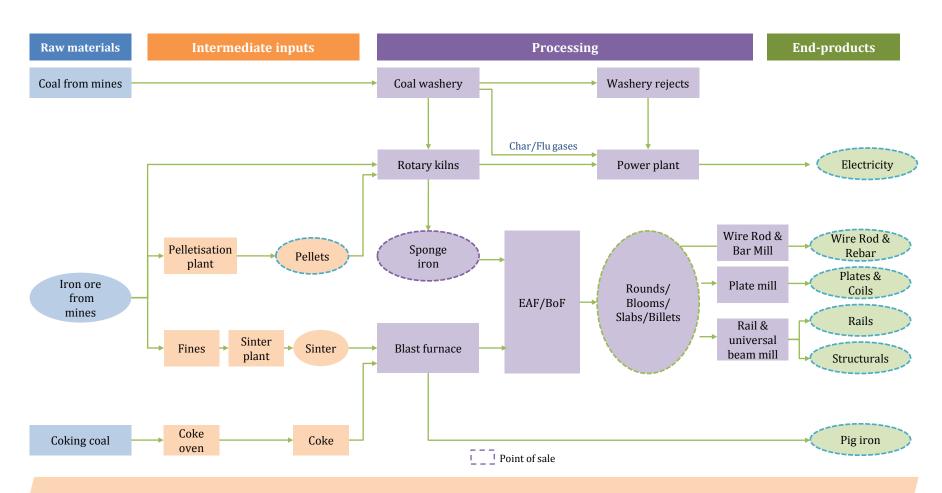
Global Mines & Construction Power Steel Minerals Ventures Material & Solution **Current Capacities – Domestic & Global** IPP - 3400\*\* MW Cement 2 MTPA Steel 4.75 MTPA Steel\* CPP - 1649 MW 3.11 MTPA\* 6.25 MTPA Mines Road solutions Renewable - 24 MW LGS

Domestic





#### Integrated Operations with multiple point of sale



Multiple sale points across steel value chain



#### Steel Capacities across Life Cycle



<u>Iron Making</u> (6.75 MTPA)

**DRI 3.12 MTPA** 

**BF 2.13 MTPA** 

**HBI 1.50 MTPA** 

<u>Liquid Steel</u> (6.75 MTPA)

**SMS 6.75 MTPA** 

Finished Steel
(6.55 MTPA)

**WRM 0.60 MTPA** 

**RUBM 0.75 MTPA** 

**MLSM 0.60 MTPA** 

Plate Mill 2.20 MTPA

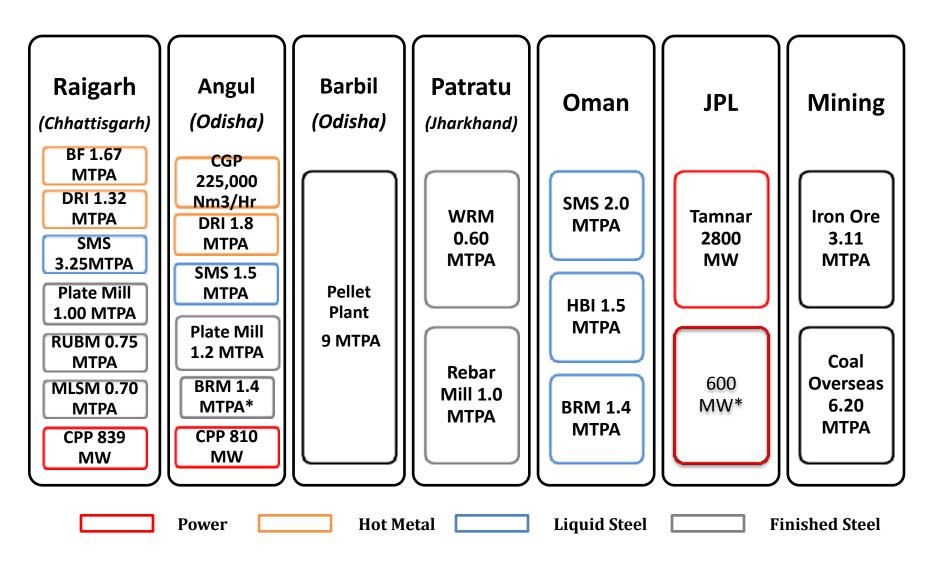
BRM 2.4 MTPA

BRM in Angul 1.4\* - Commissioning in 1QFY17 -> Effective Finished Steel 8.05 MTPA



# Integrated & Diversified operations of scale





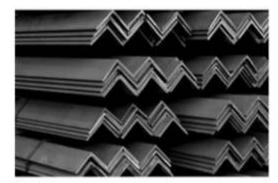


#### JSPL Product Range





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



Angles Sizes: 50mm to 250mm

#### LONG PRODUCTS



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

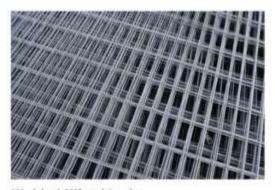
Sections: Depth: 350mm - 3000mm, Flange Width: 250mm - 1000mm, Length: 3 to 18 meters



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





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











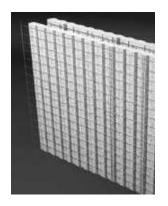
Cement

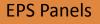
Cut & Bend

Welded Mesh

Speed Floor

LGS







Road Stabilizer



**Bricks & Pavers** 

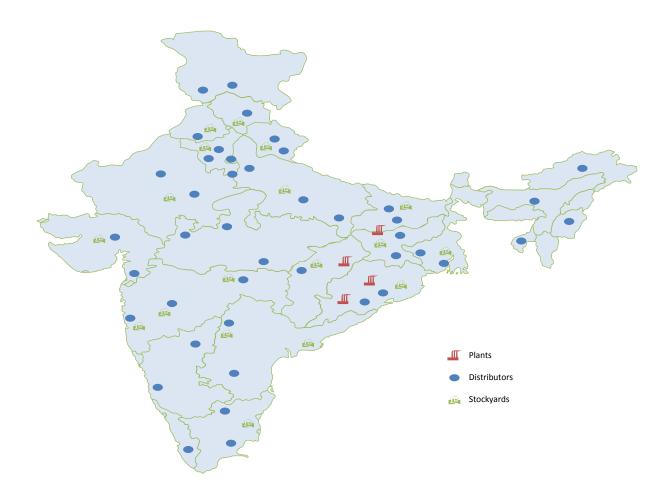


LWA



# Extensive Sales and Distribution Network



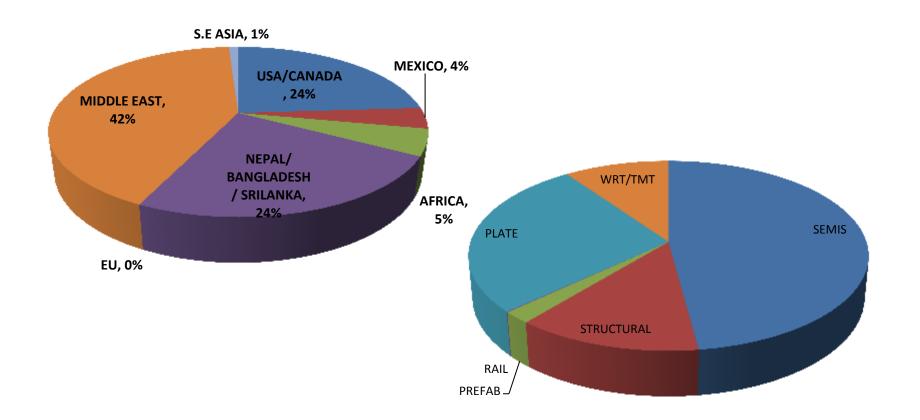


Pan India presence with multiple customer touch points



## COUNTRY / PRODUCT WISE PERFORMANCE 2014 -15







#### Steady customer base of marquee corporates JINDAL

























































ISPAT STEEL LIMITED











vedanta





















Customer base comprising large public and private sector clients





# **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

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

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

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

FSA



 Awaiting clarity on Tara Coal Block

 In the interim, coal sourced through – market purchase and e-auction  Long term linkage from Mahanadi Coal Limited (MCL) and South Eastern Coalfields Limited (SECL)  Awaiting clarity on Gare Palma IV/2 & 3 Coal mine

 Market purchase and eauction

PPA



■ TNEB – 200 MW

 Bilateral/short term/ merchant ■ TNEB – 400MW

CSEB – 60MW

KSEB – 200MW

KSEB – 150MW

CSEB – 60MW

Evacuation



 258km transmission line from plant to national grid  TNEB, PPA full open access for 400MW from Oct 2015 post commissioning of 765KV Aurangabad Solapur line

Open access to be finalised against PPAs

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





#### **PPA Arrangements**

			Period		
Project	Buyer	Туре	From	То	Quantum (MW)
Tamnar II (Phase 1)	Tamil Nadu	Long Term	Feb-14	Sep-28	400
Tamnar I		Medium Term	Sept-12	Aug-17	200
Tamnar II (Phase 1)	Kerala	Long Term	Jun-16	May-41	200
Tamnar II (Phase 1)	Keraia	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)	Gilliattisgai il	Long Term	After commercial operation of Unit and for complete life of plant		60

#### More than 30% of commissioned capacity tied up \*





## **Upcoming PPAs**

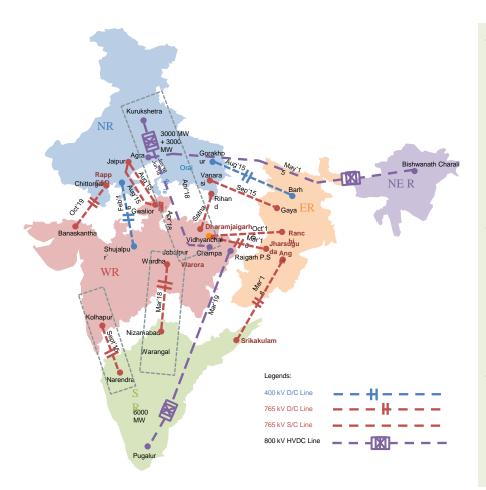
Procurer	Type	Quantum (MW)	Schedule delivery	Tenure (years)
Uttar Pradesh	Long Term	2,800	Oct-16	15
Bihar	Long Term	500	3 year after submission of RFP	NA
Uttar Pradesh	Long Term	1,000	0ct-16	15

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





#### **Upcoming Transmission Infrastructure & Benefits**



- Transmission corridor is expected from Jun-16
  - ✓ Supply 165 MW to KSEB
  - ✓ Increase Medium term PPA supply to TNEB from 60 MW to 200 MW by Sept'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

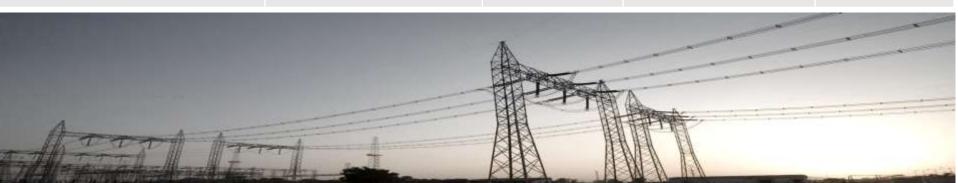
Transmission constraints expected to be resolved in the near term



#### **JPL Financials**



Particulars	Net Sales (Million USD)	PAT (Million USD)	Generation (MU)	PLF
Year 2015-16	3,015	(102)	9,542	59% (EUP1) 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	2015-	2015-16		
rarticulars	Q4	Q3	Q4	
Turnover	701	815	774	
EBITDA	136	186	336	
EBITDA%	19%	23%	43%	
PBT	(351)	51	178	
PAT	(212)	38	97	
Depreciation + Amortization	532	130	131	
Cash Profit	212	171	313	
Generation (million units)	2,358	2,580	2,692	

Onset of Summers & KSEB PPA offtake likely to push EBITDA margins up

3





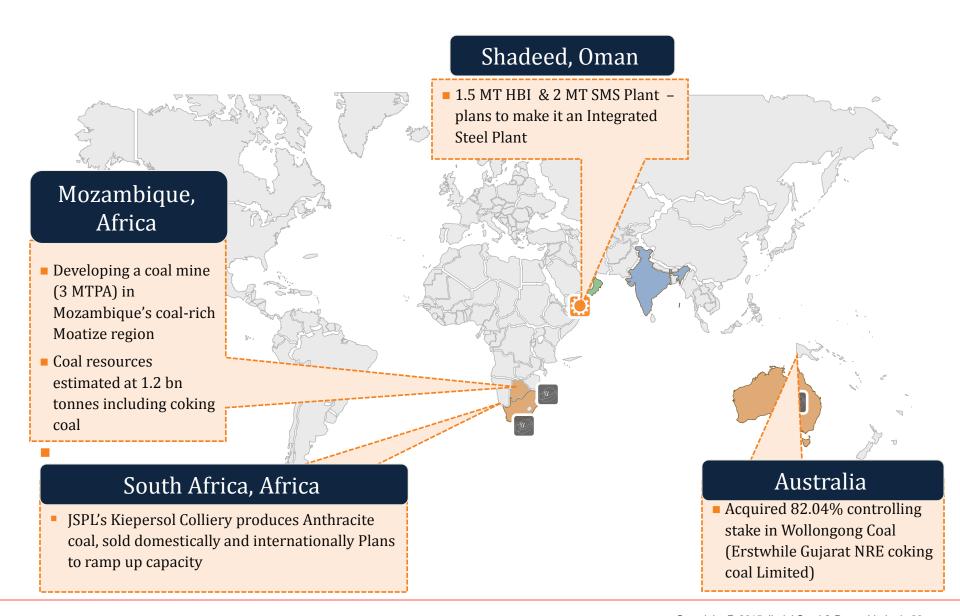
# **GLOBAL VENTURES**





#### **Summary of International Operations**

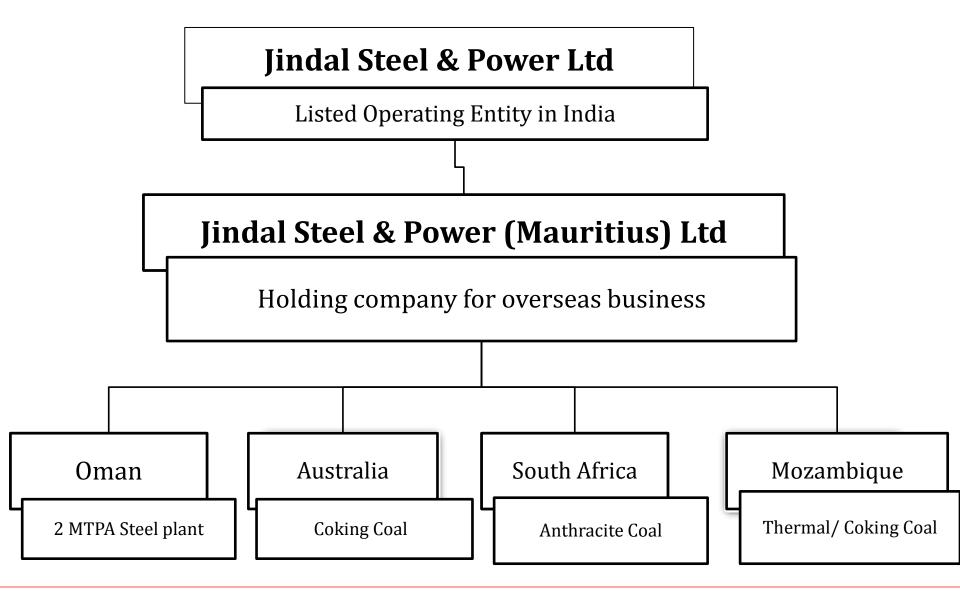














#### Jindal Shadeed Iron & Steel, Oman



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



1.5 HBI 1.4 MTPA Rolling Mill 2 MTPA SMS





#### **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



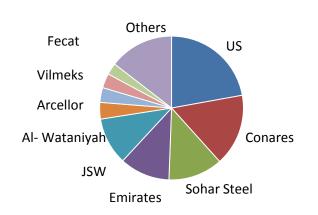


#### **Sourcing of Raw Materials - Oman Plant**

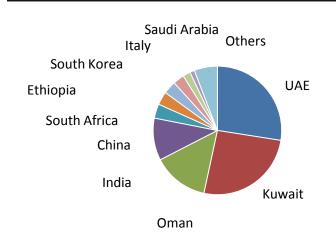
- Iron Ore Pellets from Vale (Next door neighbour)
- Natural Gas from Oman Government through long term contract (at concessional prices)
- Scrap from External Purchase

#### **Key Markets**

#### Sales break up by customer (FY-15)



#### Sales break up by geography (FY-15)





#### 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: 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 prime hard coking

#### Thermal Coal Asset

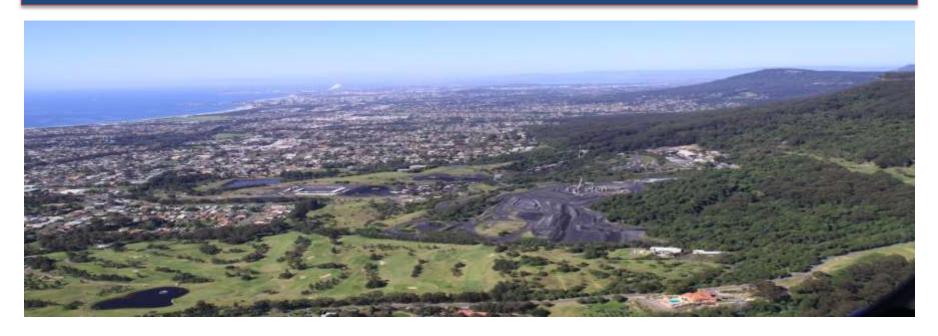
- Large size deposit of low ash low sulphur thermal coal for open cast operation
- MoU signed with Bupati Barito to develop road for coal hauling
- Return load for 200,000 MT tonnages secured resulting in decrease of logistics costs
- Infrastructure developed in Moatize for storage and loading of coal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



## Wollongong Coal Ltd., Australia



#### 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

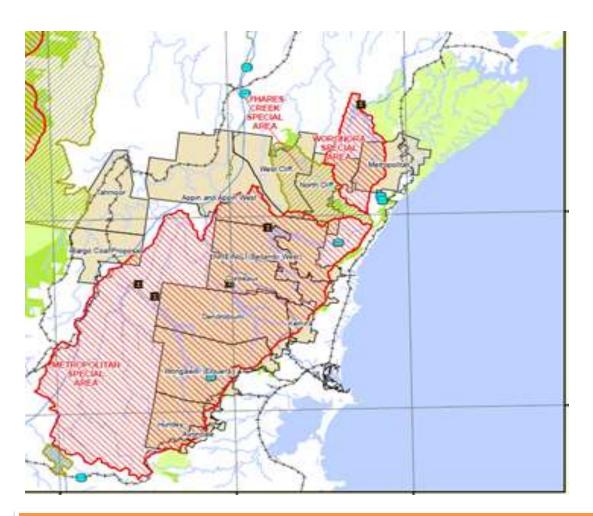
➤ **Mining Capacity**: Targeting 2 MTPA

➤ **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





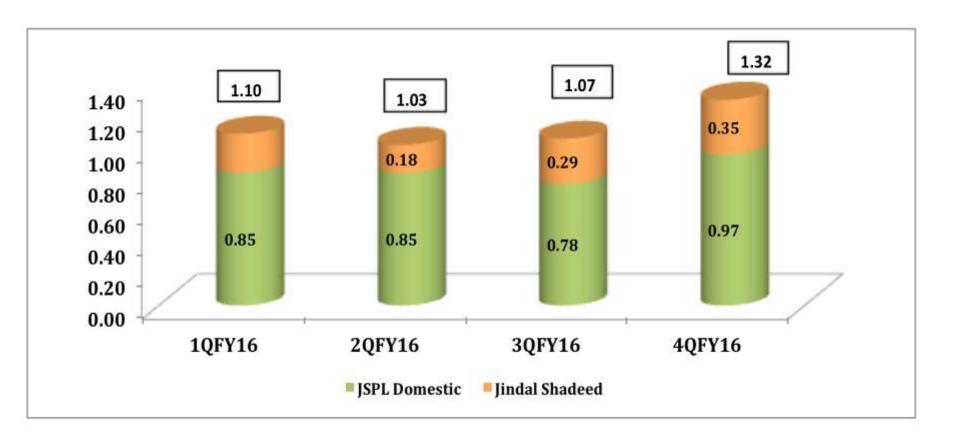
# **Financials Operational Highlights**





#### **Consolidated Steel Production**





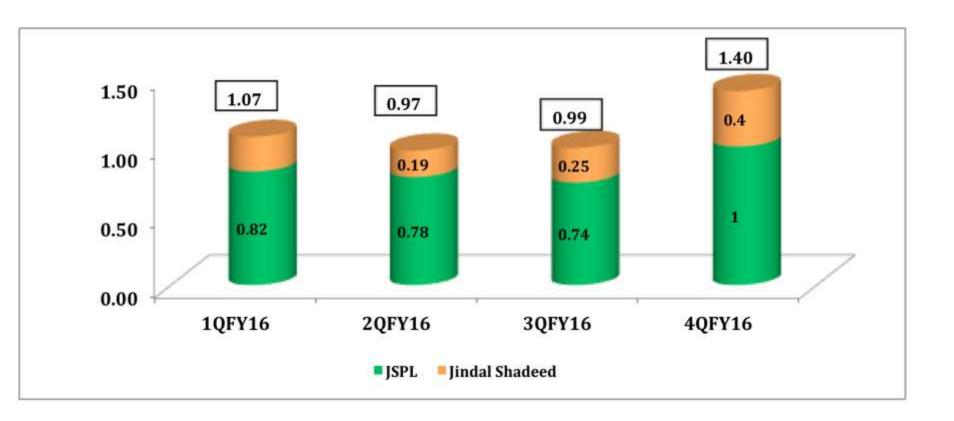
Total Steel Production up 23%\*





#### **Consolidated Steel Sales Volumes**





Total Steel Sales volumes up 42%\*





#### Consolidated Financials at a Glance



	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
INCOME STATEMENT									
Revenue	5,539	10,913	11,152	13,194	18,351	19,807	19,286	19,584	18,412
EBITDA	2,253	5,908	5,232	6,398	6,935	6,669	5,776	5,667	3,483
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	4,593	3,876	1,278	820
SIGNIFICANT RATIOS									
EBITDA Margin (%)	41	54	47	48	38	34	30	29	19
Net Profit to Sales (%)	23%	28%	33%	29%	22%	15%	10%	-7%	-11%
EPS (INR/Share) (a) (b)	13.5	32.4	39.1	40.8	42.4	31.1	20.5	-15.9	-21.8





## Standalone 4Q FY 16 - Snapshot of Key Financials

Rs Cr

50

			-	
Q4 FY 16	Q3 FY 16	Q4 FY 15	% Y-o-Y	% Q-o-Q
3,462	2,944	3,354	3%	18%
673	422	648	4%	59%
19%	14%	19%		
348	394	467	-25%	-12%
646	658	642	1%	-2%
(321)	(629)	(479)	33%	49%
(175)	(226)	(245)		
(146)	(403)	(235)	38%	64%
	3,462 673 19% 348 646 (321) (175)	3,462 2,944 673 422 19% 14% 348 394 646 658 (321) (629) (175) (226)	3,462       2,944       3,354         673       422       648         19%       14%       19%         348       394       467         646       658       642         (321)       (629)       (479)         (175)       (226)       (245)	3,462       2,944       3,354       3%         673       422       648       4%         19%       14%       19%         348       394       467       -25%         646       658       642       1%         (321)       (629)       (479)       33%         (175)       (226)       (245)





## Standalone FY 16 - Snapshot of Key Financials

Particulars	FY 15-16	FY 14-15	% Y-o-Y
Total Revenue	12,735	13,471	-5%
EBITDA	2,461	4,023	-39%
EBITDA %	19%	30%	
Depreciation	1,492	1,786	-16%
Finance Costs	2,671	2,072	29%
Profit/ (Loss) before tax (PBT)	(1,660)	(639)	-160%
Tax	(641)	(329)	
Profit/ (Loss) after tax (PAT)	(1,019)	(311)	-228%

- - 51





## Consolidated 4Q FY 16 - Snapshot of Key Financials

Rs Cr

52

Particulars	Q4 FY 16	Q3 FY 16	Q4 FY 15	% Y-o-Y	% Q-o-Q
Total Revenue	4,874	4,362	4,557	7%	12%
EBITDA	896	550	822	9%	63%
EBITDA %	18%	13%	18%		
Depreciation	935	638	701	33%	47%
Finance Costs	858	806	771	11%	6%
Profit/ (Loss) before tax & exceptional item	(792)	(889)	(621)	-27%	11%
Exceptional Item	113	91	(56)		
Profit/ (Loss) before tax (PBT)	(679)	(798)	(678)	0%	15%
Tax	(316)	(225)	(159)		
Profit/ (Loss) after tax (PAT)	(363)	(573)	(519)	30%	37%





## **Consolidated FY 16 - Snapshot of Key Financials**

Particulars	FY 15-16	FY 14-15	% Y-o-Y
Total Revenue	18,412	19,584	-6%
EBITDA	3,483	5,667	-39%
EBITDA %	19%	29%	
Depreciation	2,819	2,733	3%
Finance Costs	3,280	2,607	26%
Profit/ (Loss) before tax & exceptional item	(2,439)	369	-761%
Exceptional Item	(236)	(1,912)	
Profit/ (Loss) before tax (PBT)	(2,675)	(1,543)	-73%
Tax	(675)	(265)	
Profit/ (Loss) after tax (PAT)	(1,999)	(1,278)	-56%

- - 53





# Key Initiatives & Project Updates





#### 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.





#### **Commissioned: 1.4 MTPA Rebar Mill, Oman**







## **Upgraded: 1.0 MTPA Plate Mill, Raigarh**



5





## **Ushering Turnaround: Blast Furnace Construction, Angul**







## **Ushering Turnaround: Coke Oven Plant Construction, Angul**







#### **Ushering Turnaround: Sinter Plant Construction, Angul**







#### **Construction & Solutions Growth : BKC, Mumbai**





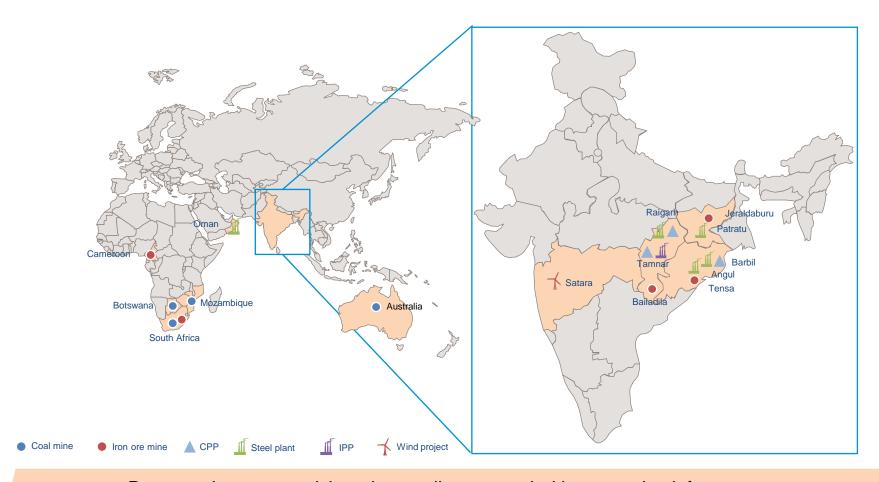


# Facilities at a glance



# Global Presence in attractive markets JINDAL





Presence in resource rich regions well connected with evacuation infrastructure





# Chhattisgarh State



# JSPL, Raigarh







# Structural Steel Division, Punjipatra JINDAL







# Heavy Machinery Division, Raipur







# PANTHER Jindal Power Ltd. - 4x600 MW - Tamnar JINDAL









# Odisha State



# JSPL, Angul







## Pellet Plant, Barbil









# Jharkhand State



# JSPL, Patratu









# Oman



## Jindal Shadeed, Oman

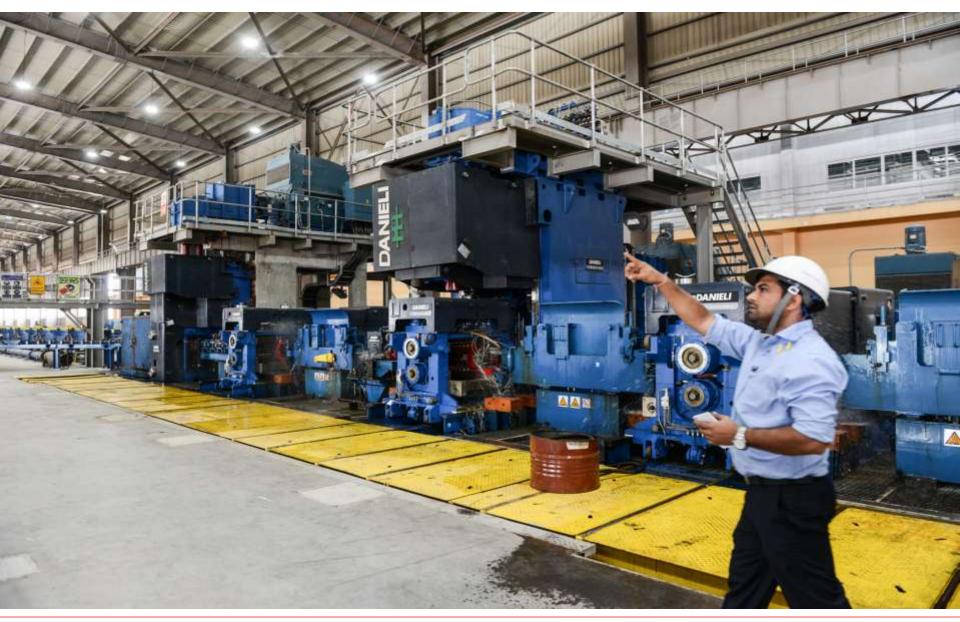






# Jindal Shadeed, Oman







## Jindal Shadeed, Oman







# Making Sustainability A Focus Priority JINDAL







### A Responsible Corporate Citizen



#### 9 PILLARS OF CSR





#### A Responsible Corporate Citizen



HEALTH

31359 healthy girls

13945

2162

437

safe deliveries

EDUCATION

8000 vocational trainings completed

5600 employment generated

1027

students provided mid day meals

475

scholarships granted for higher euducation

180

**INFRASTRUCTURE** 

9003

people connected by roads in various villages

3350 provided sanitation facilities

1300

enjoy comforts of electricity

1145

have access to safe & clean drinking water

WOMEN EMPOWERMENT

3500

women entrepreneurs developed

85

farmers engaged in Pisciculture

80

artisans entered main

11

traditional art families revived

LIVESTOCK MANAGEMENT

Livestock gifted to village farmers

4500 poults

1500 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

260600

trees planted

development

3700 acres of watershed

All locations practice rain water harvesting.

100% utilization of fly-ash in Raigard Unit.



#### **Health & Safety Best Practices**













#### **Health & Safety Best Practices**















#### **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



#### **Other Award and Accolades**



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	1
	Ranked No.1 as Wealth Creator in India over a 10- year period (Business World)	
	Awarded the Dun & Bradstreet- Rolta Corporate Awards 2011	e
2011		ar
2011	Received the Forbes Asia's 'Fabulous 50' International Award	
	Golden Peacock Innovation Management Awards	4 SE
	Greentech Award for 1st Position in Metal & Mining Industries	
	World HRD Congress CSR Award on women empowerment	ited h
	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	eFour
	Received the Forbes Asia's 'Fabulous 50' International Award	N Ga
2010	Golden Peacock Innovation Management Awards	Cir
	CSR Excellence Award 2010 by ASSOCHAM for promoting and propagating Corporate Social Responsibility initiatives	F
	Received the CNBC's Most Promising Entrant into the Big League at IBLA	6
	National Energy Conservation Award	
2009	Golden Peacock Innovation Award 2009	9
	Winner of 'Shrishti Green Cube Award 2009	
	SAIL HR Excellence Award 2009	











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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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