

Q4 FY'17

Industry Update & Key Performance Highlights



JINDAL
STEEL & POWER

23rd May, 2017

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PRESENTATION OUTLINE

Q4 FY'17

OUTLOOK

INDUSTRY
DEVELOPMENTS

BRIEF BACKGROUND

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STEEL OUTLOOK

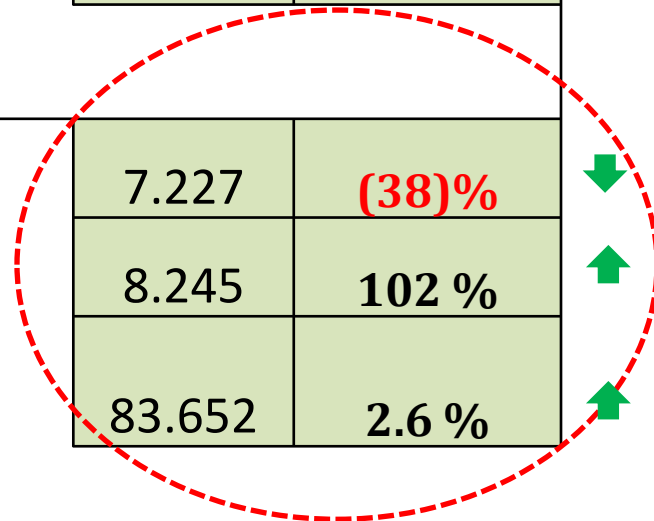


World Crude Steel Production recovered in CY16 (in Million MT)



Indian Steel Scenario : (FY '17)

(Qty : Mt)		FY '16		FY '17	
		Qty	change (y-o-y)	Qty	change (y-o-y)
Crude Steel Production		89.8	0.9%	97.43	8.5 %
Import		11.7	25.7%	7.227	(38)%
Export		4.08	(27)%	8.245	102 %
Real Consumption (Demand)		80.5	4.6%	83.652	2.6 %



India becomes the Net Exporter of steel during FY '17, after a long gap of 3 years

World Finished Steel Demand Outlook (CY 17 & CY 18):

World

- **2017: Global steel demand will increase by 1.3% to 1,535 Mt**
- **2018: Global steel demand will grow by 0.9% to 1,548 Mt**

Country Wise

- | | |
|-----------------------|--|
| #1 China: | : China Grow by 0% in 2017, -2% in 2018 |
| #2 Japan | : Grow by 1.2% in 2017, 0.6% in 2018 |
| #3 India | : Grow by 6.1% in 2017, 7.1% in 2018 |
| #4 US | : Grow by 3% in 2017, 2.9% in 2018 |
| #5 South Korea | : Grow by -2.7% in 2017, -1.8% in 2018 |

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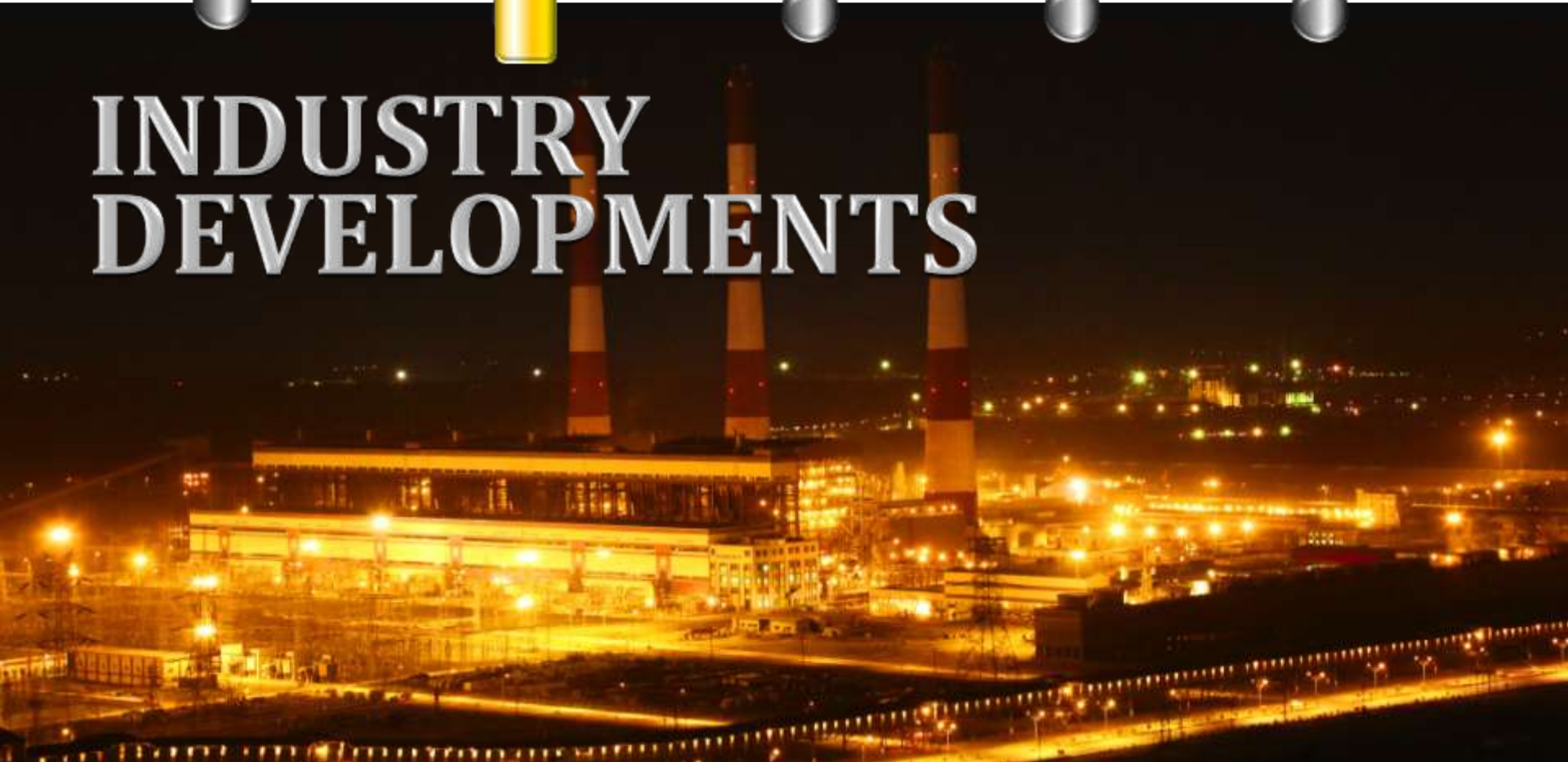
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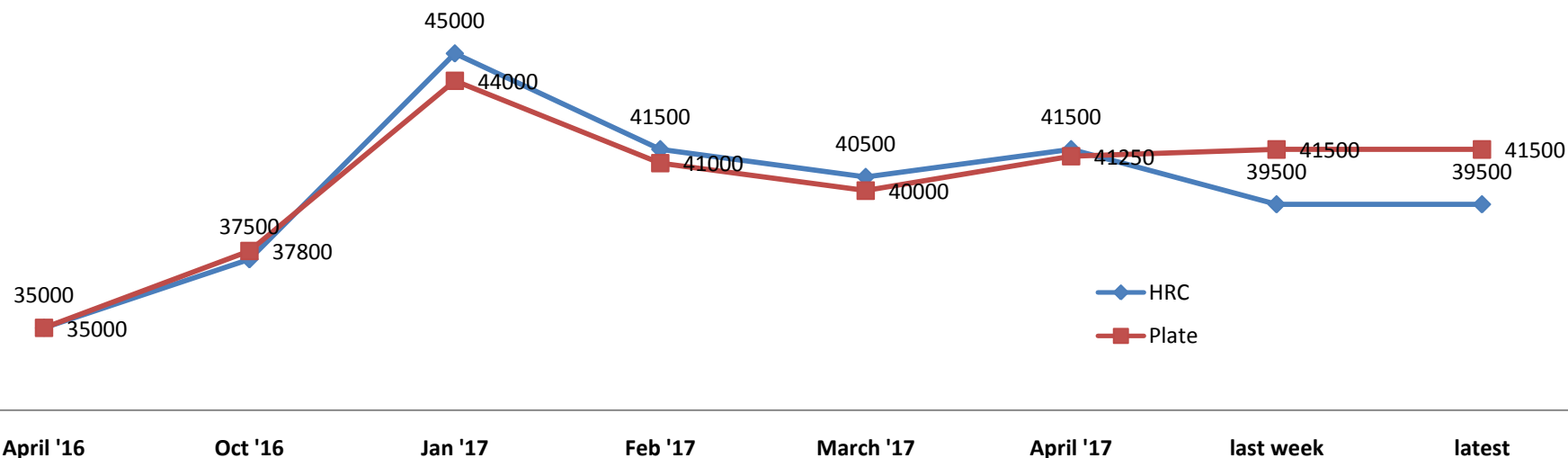
INDUSTRY DEVELOPMENTS



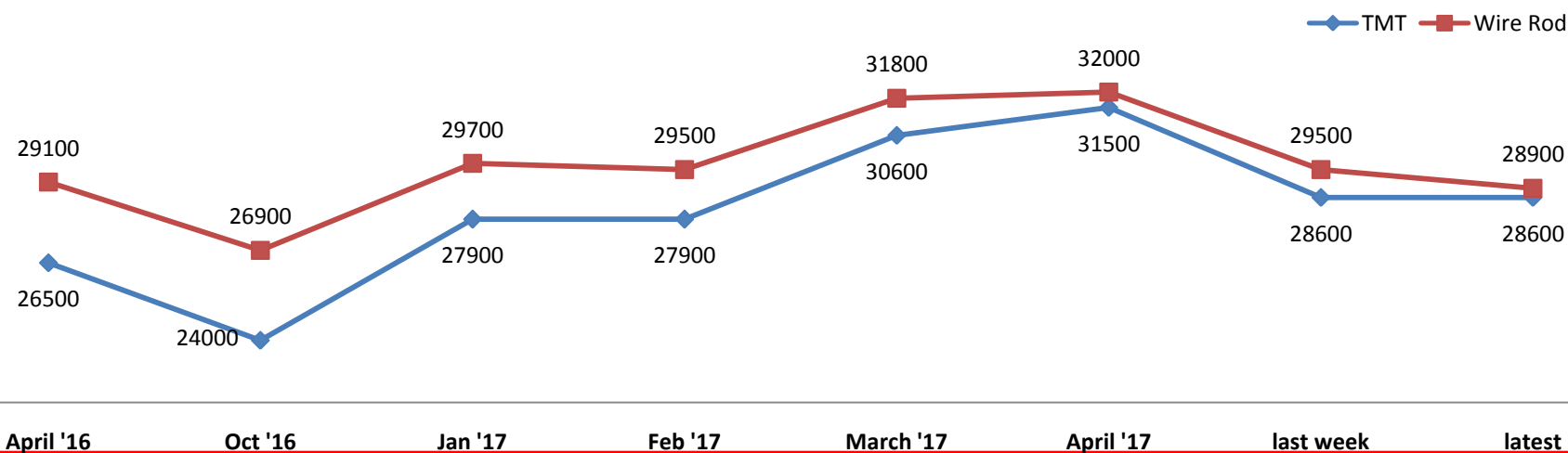
INDUSTRY UPDATE STEEL SECTOR

Domestic Finished steel price trend

Flat Steel Price Trend (Delhi)



Long Steel Price Trend (Delhi)



International Iron Ore & Pellet Prices soften in March-April'17

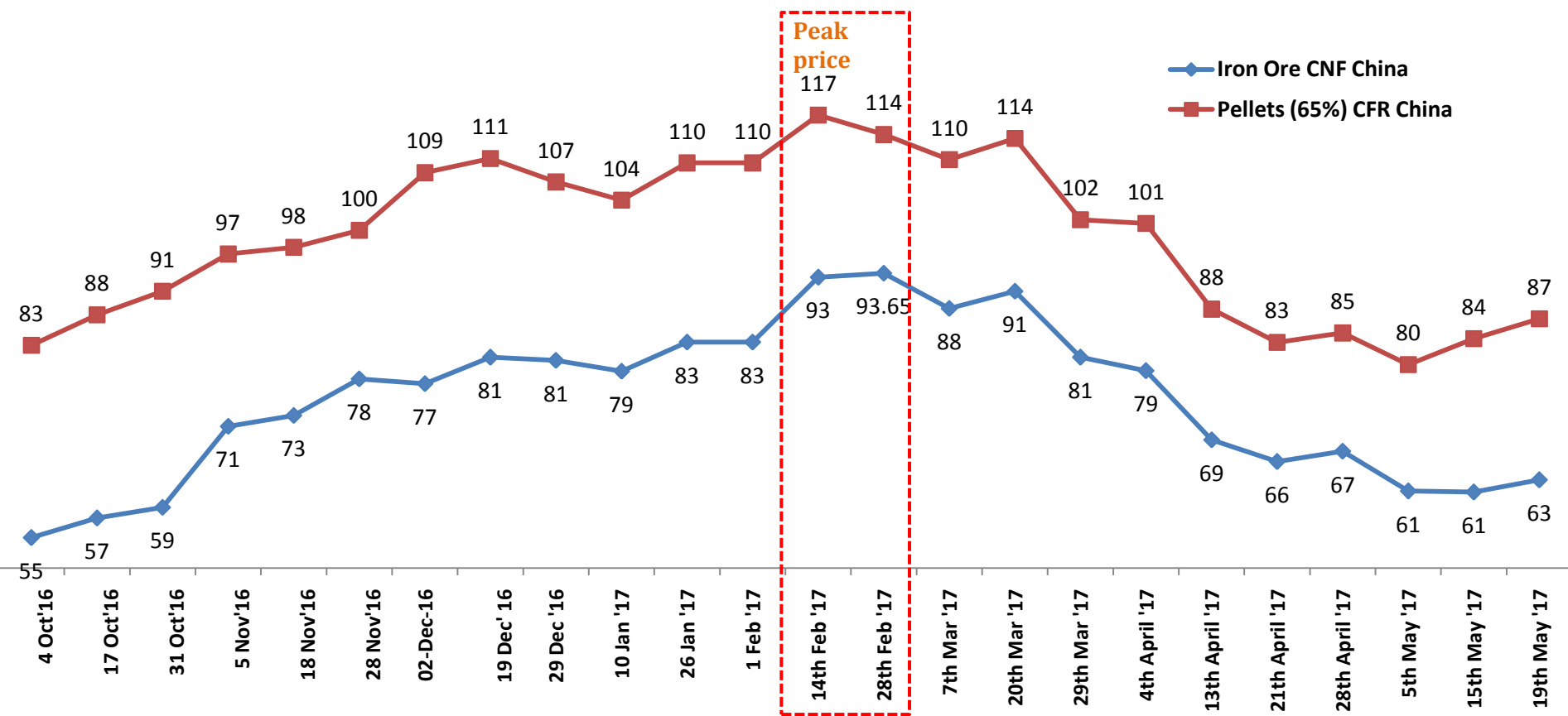
(CFR China - \$/MT)

International Pellet Prices:

- After peaking in Feb, have been on a decline

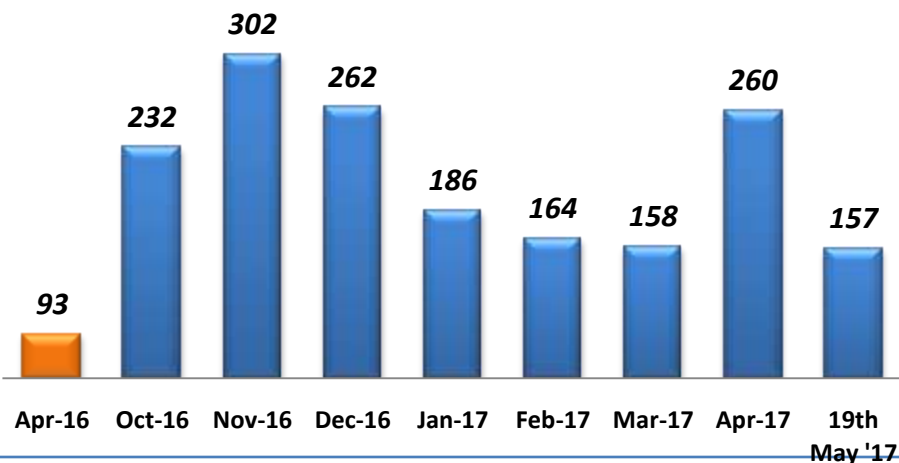
International Iron Ore Fines (Fe 62%)

- After peaking in Feb, have been on a decline

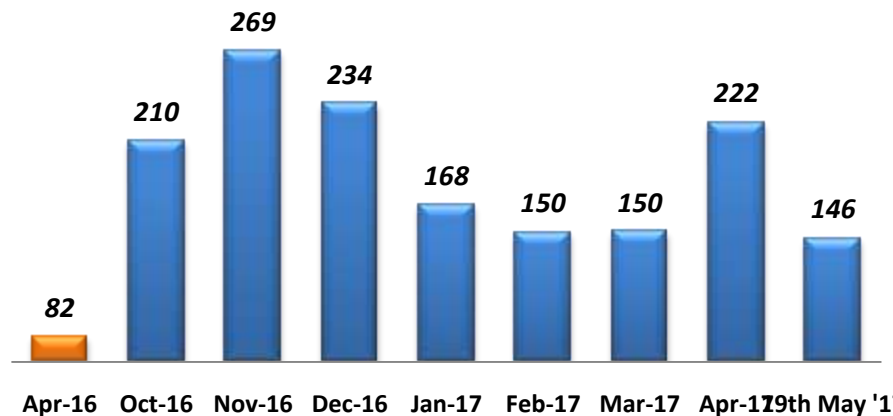


International Coal : Price Trend

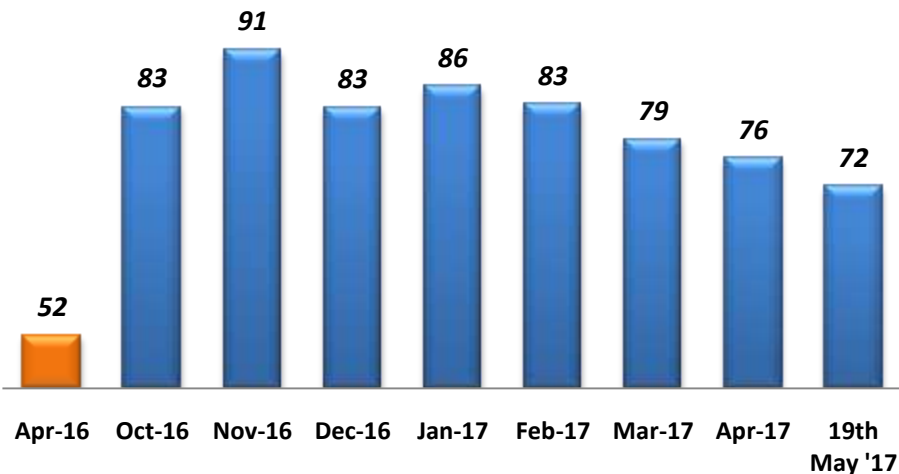
Prime Hard Coking Coal (\$/MT FOB Australia)



Semi Hard Coking Coal (\$/MT FOB Australia)



Steam Coal RB1 (\$/MT FOB S Africa)



International Coal Prices trend

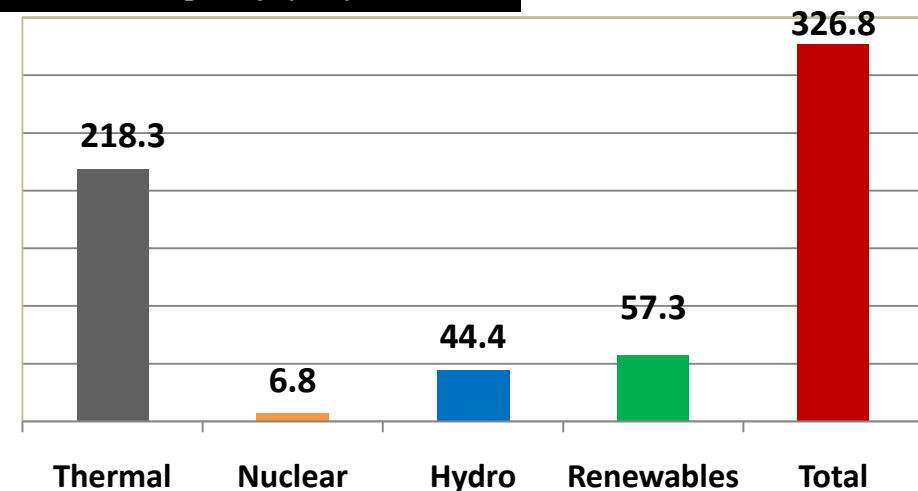
(From April 2016 till date:)

- Prime Hard Coking Coal: Up by \$64/MT (FOB Australia)
- Semi Hard Coking Coal : Up by \$64/MT (FOB Australia)
- Steam Coal RB1 Coal : Up by \$20/MT (FOB S. Africa)

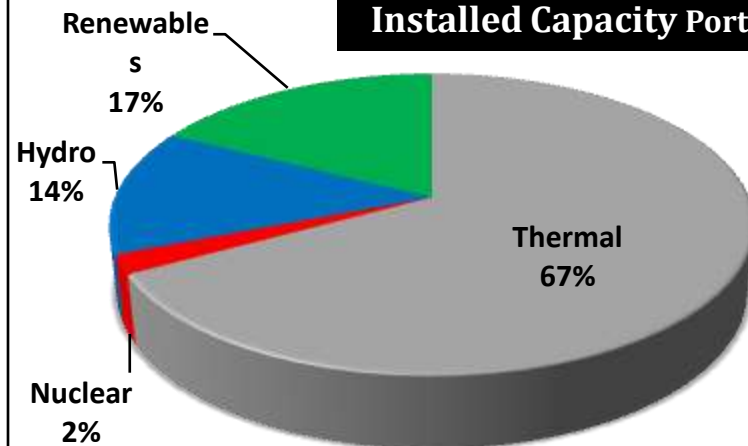
INDUSTRY UPDATE POWER SECTOR

Installed Capacity in India (Mar 2017)

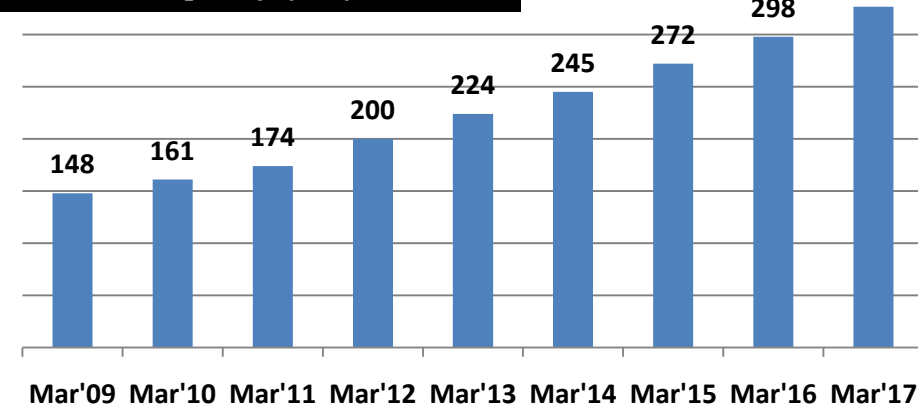
Installed Capacity (GW) in India



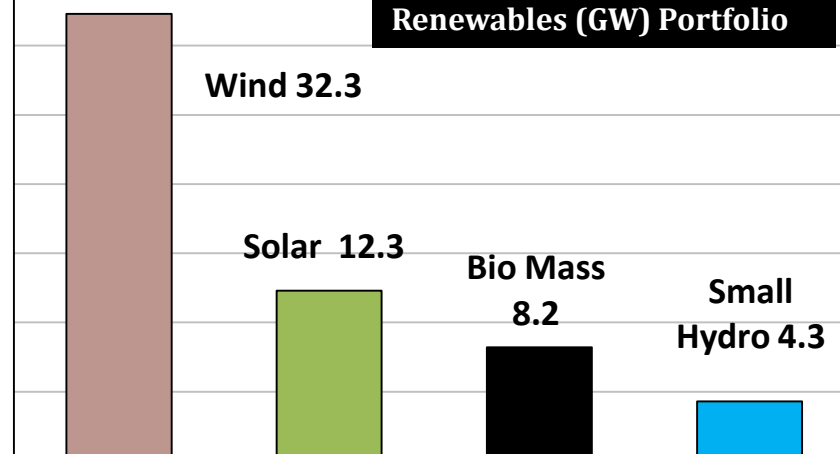
Installed Capacity Portfolio



Installed Capacity (GW) Growth



Renewables (GW) Portfolio



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Steel

Power

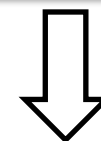
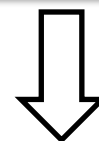
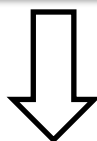
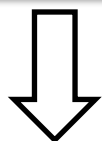
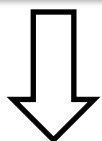
Mines & Minerals

Global Ventures

Construction Material & Solution



Current Capacities – Domestic & Global



5.1 MTPA Steel*

IPP – 3400MW**
CPP – 1634 MW

3.11 MTPA*

2 MTPA Steel
& Mines

Cement
Road solutions
LGS

*Domestic

**1000 MW Divestment announced

Steel Capacities across Life Cycle

Iron Making **(6.75 MTPA)**

DRI 3.12 MTPA

BF 2.13 MTPA*

HBI 1.50 MTPA

Liquid Steel **(7.10 MTPA)**

SMS 7.10 MTPA*

Finished Steel **(6.55 MTPA)**

WRM 0.60 MTPA

RUBM 0.75 MTPA

MLSM 0.60 MTPA

Plate Mill 2.20 MTPA

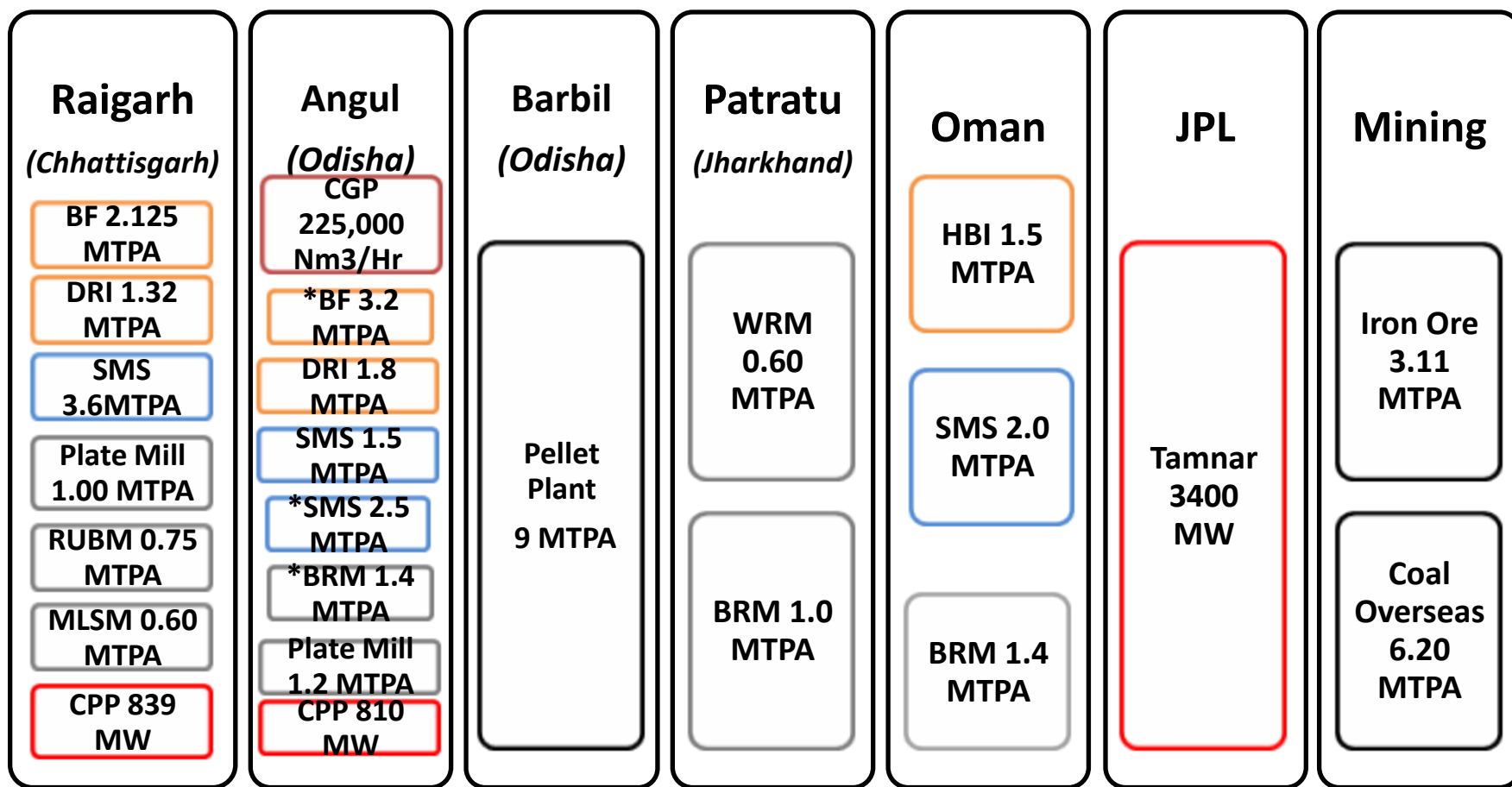
BRM 2.4 MTPA

*BF in Angul 3.25 MTPA - To be commissioned

*BoF in Angul 2.5 MTPA - To be commissioned

*BRM in Angul 1.4 MTPA - To be commissioned

Detailed plant wise capacities



Power
 Hot Metal
 Liquid Steel
 Finished Steel

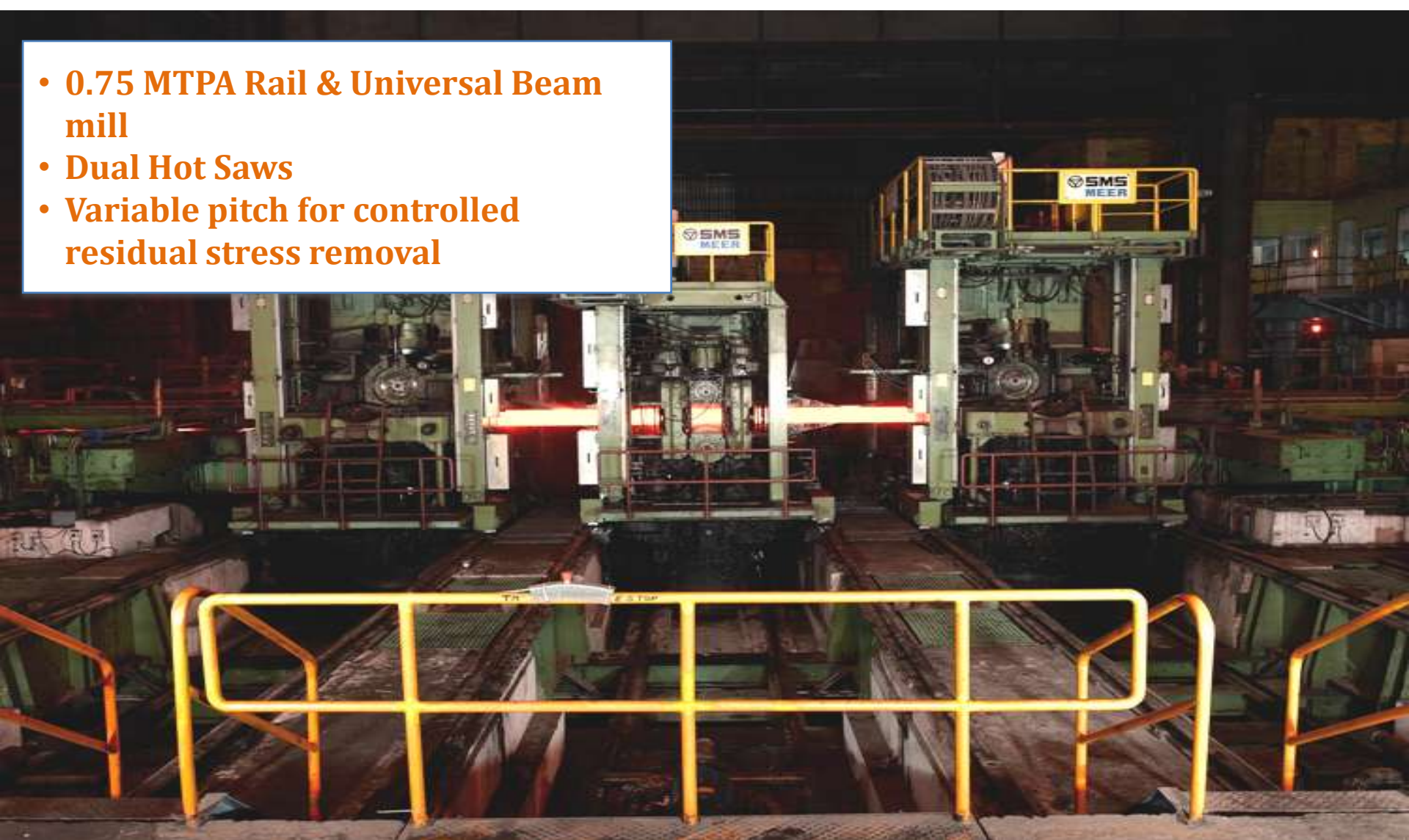
**To be commissioned*

Steel

Insights into few products...

India's first manufacturer of Parallel Flange Beams

- 0.75 MTPA Rail & Universal Beam mill
- Dual Hot Saws
- Variable pitch for controlled residual stress removal



Plates – Making Steel Stronger

- **1.2 MTPA 5m wide Plate Mill in Angul**
- **India's widest Plate Mill**
- **Can roll up to 5m wide Plates**
- **1.4 KM long shop**



Prefabricated Steel – India's biggest & most versatile prefab facility

- **2 lakh MT per annum capacity**

Segments Served



Power plant



High rise Buildings



Bridges

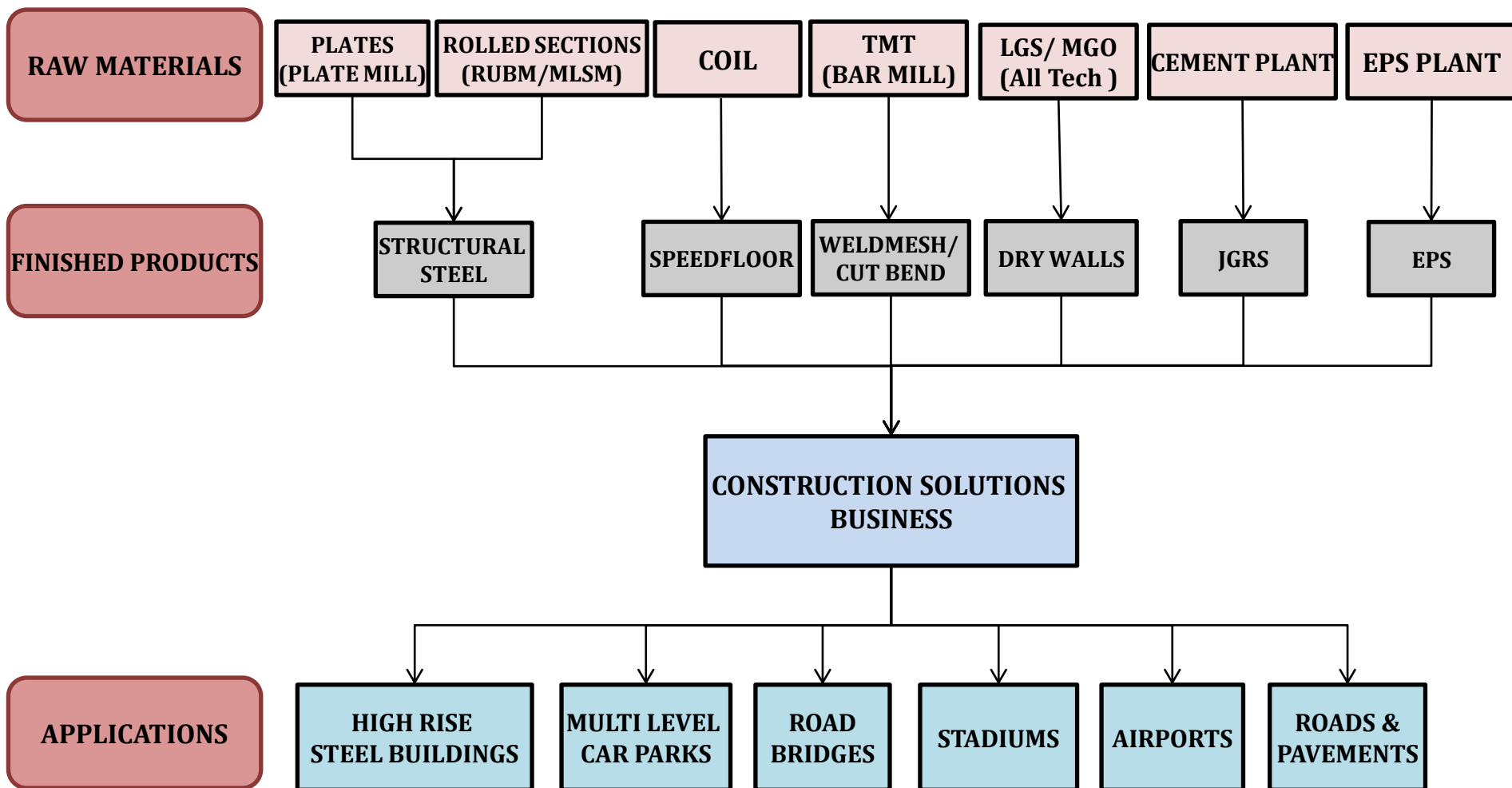


Stadiums / Airports



Industrial Buildings

Construction Solutions Business Offerings



Ready to Use Steel

- Facilities located at Faridabad, Patratu, Angul and Raigarh

Products

Cut & Bend

Stirrup

Cut Straight

Weldmesh

Advantages

Cost effective

Zero wastage

Minimum storage

Reduced dependency on manpower

Simple and safe

Instant usability

Faster completion of work

JSPL - Power Capacities



Independent Power Projects (IPP)

Project	Capacity (MW)	Fuel	Configuration	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	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

96.43% subsidiary of JSPL



EUP -I

1000MW (4 X 250)

EUP -II

1200MW (2 X 600)

EUP -III

1200MW (2 X 600)

PPA Arrangements

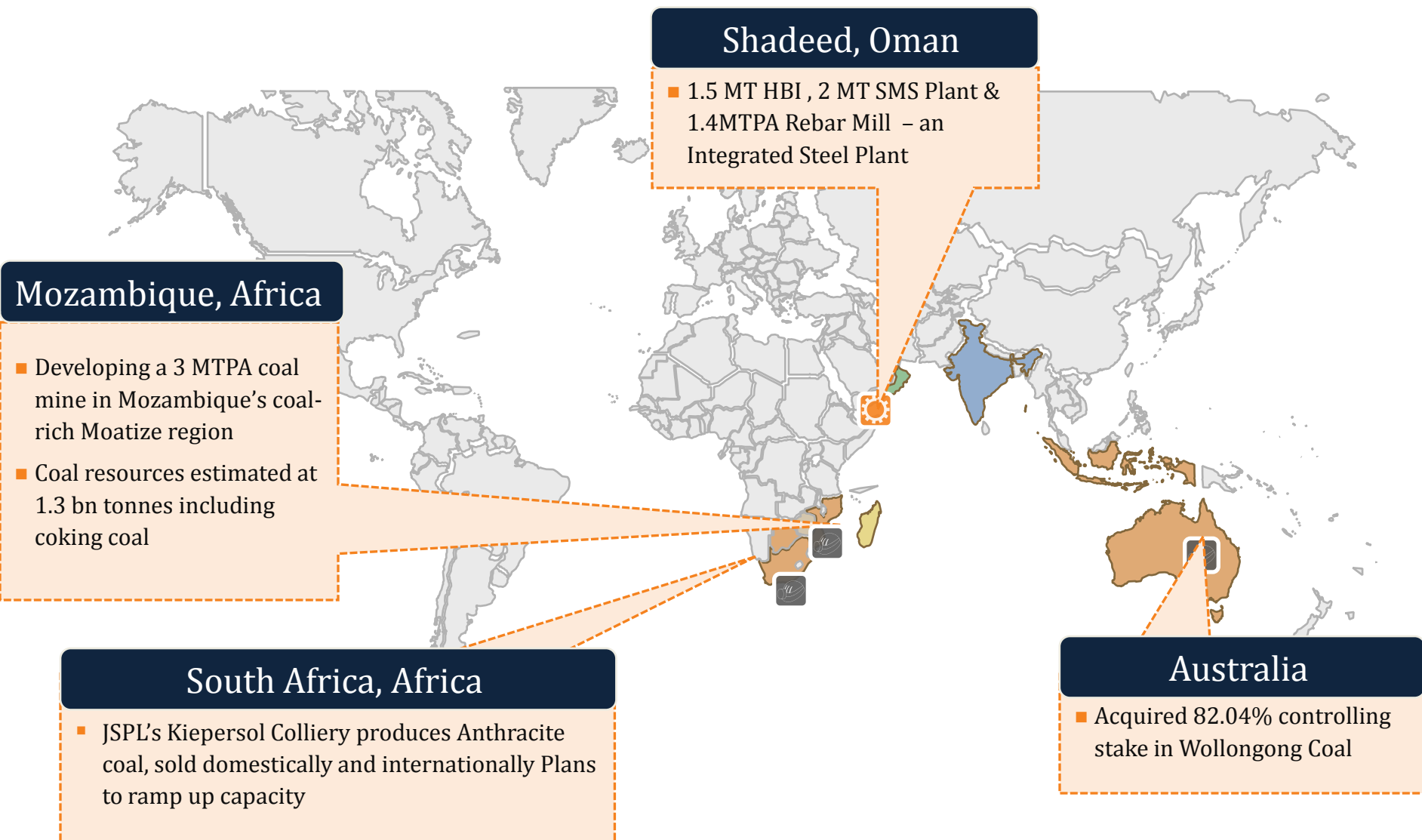
Project	Buyer	Type	Period		Quantum (MW)
			From	To	
Tamnar II (Phase 1)	Tamil Nadu	Long Term	Feb-14	Sep-28	400
Tamnar I		Medium Term	Sep-12	Aug-17	200
Tamnar II (Phase 1)	KSEB	Long Term	Jun-16	May-41	200
Tamnar II (Phase 1)		Long Term	Oct-17	Sep-42	150
Tamnar II (Phase 1)	Chhattisgarh	Long Term	After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

Over 30% of total capacity tied up *

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		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)	Market purchase and e-auction
PPA		Bilateral/short term/merchant	- TNEB – 400MW - CSEB – 60MW - KSEB – 200MW - KSEB – 150MW	CSEB – 60MW
Evacuation		258km transmission line from plant to national grid	Full Open access for 400MW TNEB PPA commenced from Oct 2015	Open access to be finalised against PPAs

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



Holding structure for global operations

Jindal Steel & Power Ltd

Listed Operating Entity in India

Jindal Steel & Power (Mauritius) Ltd

Holding company for overseas business

Oman

2 MTPA Steel plant

Australia

Coking Coal

South Africa

Anthracite Coal

Mozambique

Thermal/ Coking Coal

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Performance highlights

Sinter plant and two batteries of coke oven commissioned at Angul.

JSPL's Consolidated Steel Production for Q4FY17 was 1.30 Million Tonne down 1% YoY (1.32 Million Tonne in Q4FY16)

India's largest Blast Furnace, all set to commission at JSPL Angul

JSPL's Consolidated EBITDA increased by 73% Y-o-Y and 22% Q-o-Q for Q4FY17

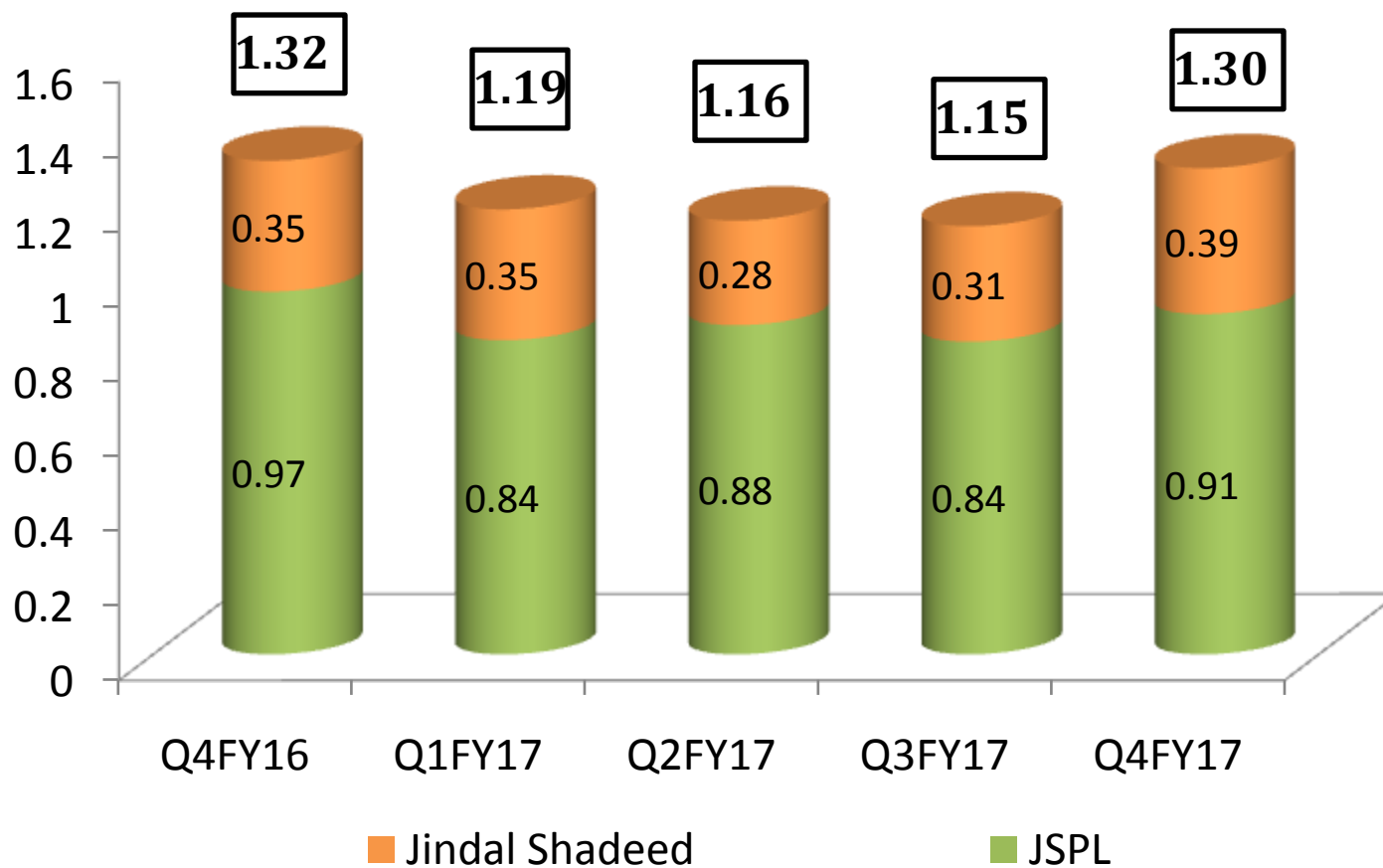
Barbil records over 3.4 times growth in Market sale of pellets.

JPL increased its EBITDA by 27% Q-o-Q and 263% Y-o-Y in Q4FY17

Australia and Mozambique mines ramping up steadily

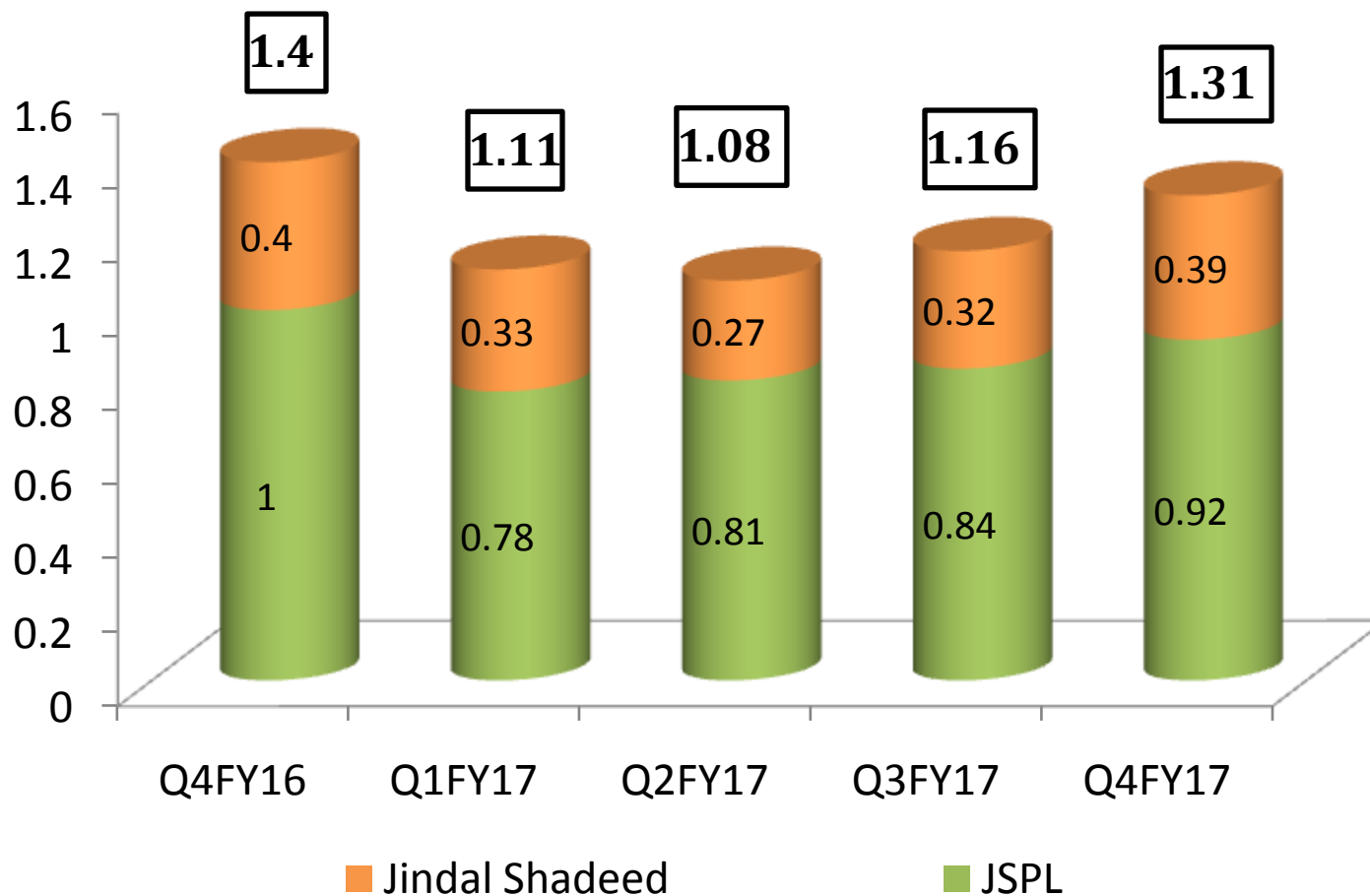
Consolidated Steel Production

(Figures in Million Tonnes)

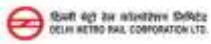


Consolidated Steel Sales Volumes

(Figures in Million Tonnes)



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Standalone Q4 FY 17 –Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	Q4FY17	Q4FY16	Q3FY17	%YoY	%QoQ
Total Revenue	4,545	4,033	3,898	+13%	+17%
EBITDA	914	681	779	+34%	+17%
EBITDA %	20%	17%	20%		
Depreciation	489	531	542	-8%	-10%
Finance Cost	515	641	535	-20%	-4%
Profit/(Loss) Before Tax	(81)	(491)	(298)	+83%	+73%
Profit/(Loss) After Tax	(116)	(218)	(187)	+47%	+38%
Cash Profit	408	41	244	+895%	+67%

Standalone FY 17 –Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	FY17	FY16	%YoY
Total Revenue	15,494	14,693	+5%
EBITDA	2,858	2,441	+17%
EBITDA %	18%	17%	
Depreciation	2,044	2,148	-5%
Finance Cost	2,280	2,646	-14%
Profit/(Loss) Before Tax	(1,457)	(2,330)	+37%
Profit/(Loss) After Tax	(986)	(1,419)	+30%
Cash Profit	587	(182)	+423%

Consolidated Q4 FY 17 –Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	Q4FY17	Q4FY16	Q3FY17	%YoY	%QoQ
Total Revenue	6,756	5,442	5,787	+24%	+17%
EBITDA	1,552	898	1,269	+73%	+22%
EBITDA %	23%	16%	22%		
Depreciation	1,006	1,232	1,027	-18%	-2%
Finance Cost	864	853	828	+1%	+4%
PBT before Exceptional	(309)	(1,080)	(586)	+71%	+47%
Exceptional Items	(253)	(113)	-		
Profit/(Loss) Before Tax	(56)	(967)	(586)	+94%	+90%
Profit/(Loss) After Tax	(98)	(637)	(455)	+85%	+78%
Cash Profit	950	264	442	+259%	+115%

Consolidated FY 17 –Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	FY17	FY16	%YoY
Total Revenue	22,696	20,368	+11%
EBITDA	4,658	3,437	+36%
EBITDA %	21%	17%	
Depreciation	3,949	4,068	-3%
Finance Cost	3,390	3,254	+4%
PBT before Exceptional	(2,671)	(3,728)	+28%
Exceptional Items	372	236	
Profit/(Loss) Before Tax	(3,043)	(3,964)	+23%
Profit/(Loss) After Tax	(2,540)	(3,086)	+18%
Cash Profit	905	104	+770%

JPL Q4 FY17 – Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	Q4FY17	Q4FY16	Q3FY17	%YoY	%QoQ
Net Sales	863	674	854	+28%	+1%
EBITDA	382	105	302	+263%	+27%
EBITDA %	44%	16%	35%		
Depreciation + Amortization	376	647	385	-42%	-2%
Interest	235	133	200	+77%	+18%
Profit/(Loss) Before Tax	(134)	(471)	(182)	+71%	+26%
Profit/(Loss) After Tax	(84)	(406)	(162)	+79%	+48%
Cash Profit	241	210	203	+15%	+19%
Generation (MU)	2,336	2,357	2,356	-1%	-1%

JPL FY17 – Snapshot of Key Financials

(Figures in Rs. Crores)

Particulars	FY17	FY16	%YoY
Net Sales	3,119	2,997	+4%
EBITDA	1,048	635	+65%
EBITDA %	34%	21%	
Depreciation + Amortization	1,436	1514	-5%
Interest	789	451	+75%
Profit/(Loss) Before Tax	(780)	(820)	+5%
Profit/(Loss) After Tax	(668)	(766)	+13%
Cash Profit	656	706	-7%
Generation (MU)	9,176	9,542	-4%

Future focus

- **Improvement of NSR and EBITDA .**
- **Sweat the Assets – Achieve 100% Capacity utilization**
- **Reduce Debt**
- **Secure PPA for entire JPL Capacity**
- **Foray in Building ; Rail infra segment & Defence segment**
- **Continued focus on reduction of working capital**
- **Focus on “Value Added Products”**
- **To reduce cost of Quality – Improve first pass yield**

India's largest Blast Furnace all set to Commission



Sinter Plant – Angul Phase 1B



Coke Oven – Angul Phase 1B



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THANK YOU