

# Coaltrans

# Webinar

January 31<sup>st</sup> 2017

Ashwani Raina

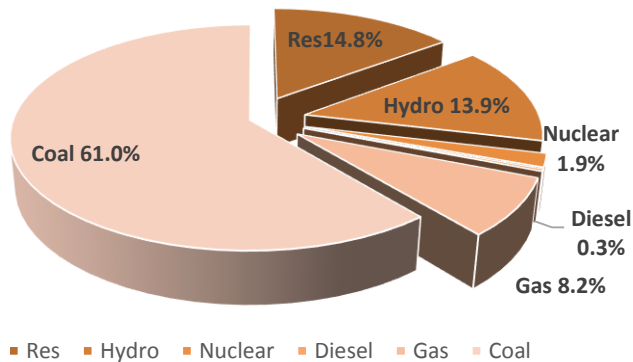
*Head Sourcing \_ Coal*

**Essar Power Limited**

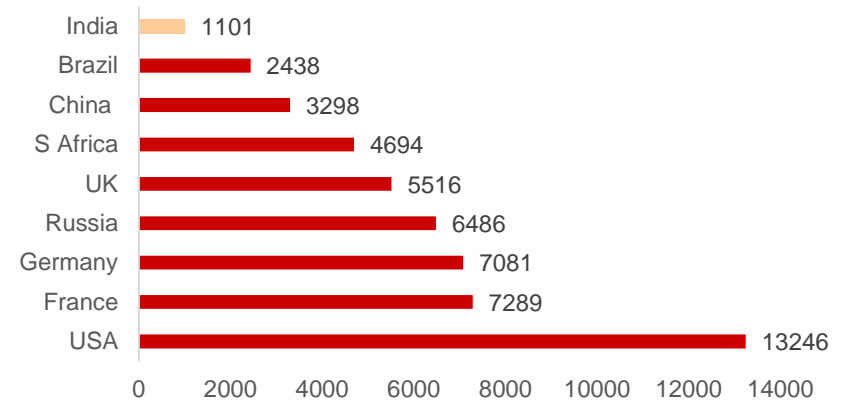
Decorative geometric shapes in orange and red, including a large orange trapezoid, a red trapezoid with a white diagonal line, and a small orange square.

# Indian Power Sector

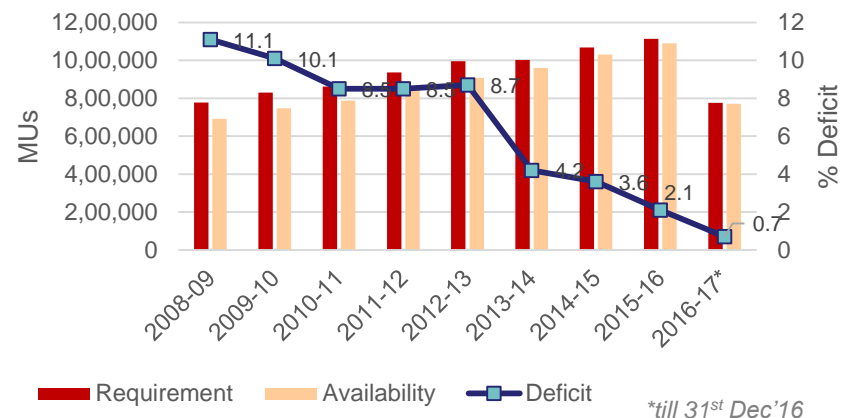
Total generation capacity(as on 31<sup>st</sup> Dec 2016)  
3, 10, 005 MW



Low and growing per capita consumption



India's power demand supply deficit

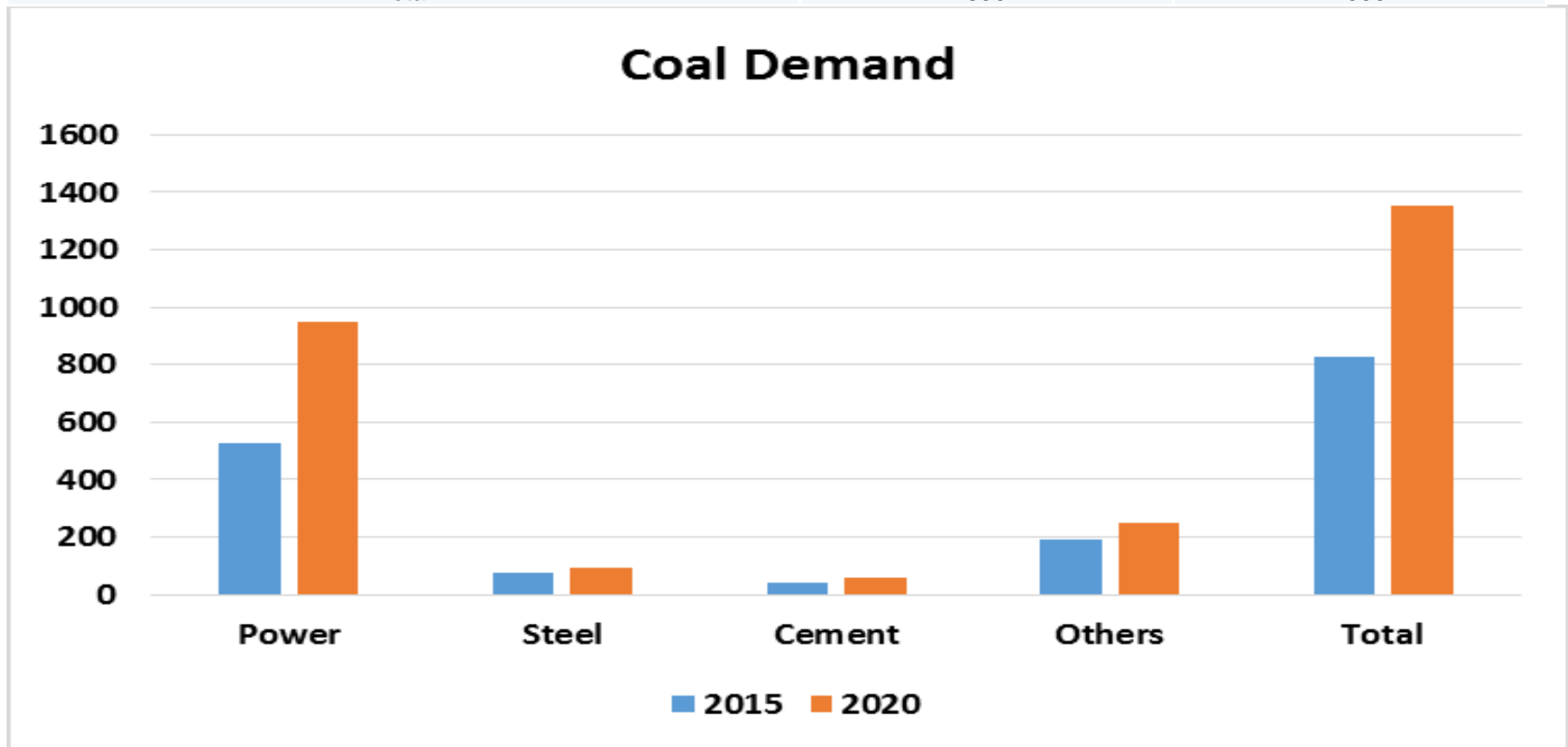


\*till 31<sup>st</sup> Dec'16

- Coal dominates India's power generation despite increasing focus on renewables

# Year 2020. Demand Side

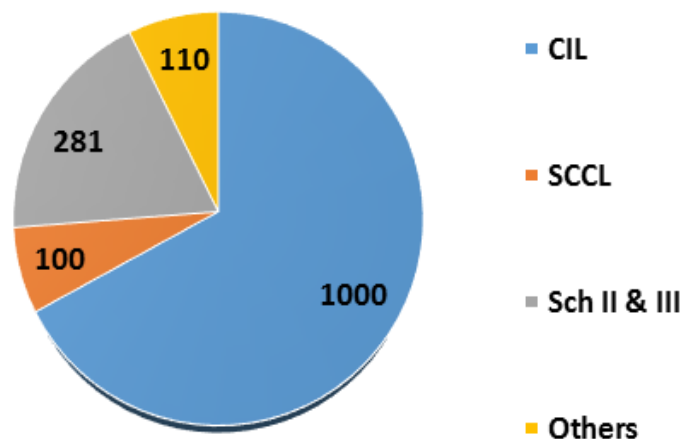
	2015	2020
Power	525	950
Steel	75	95
Cement	40	60
Others	190	250
Total	830	1355



# Year 2020. Supply Side

1.5 billion tonnes. 1 billion from Coal India and Balance from Others.

Production in Million Tonnes



CIL Sub. Company	2015-16	2016-17	2017-18	2018-19	2019-20
ECL	42	47	52	56	62
BCCL	36	37	40	46	53
CCL	60	67	80	104	133
NCL	80	82	90	99	110
WCL	45	48	50	55	60
SECL	135	150	163	208	240
MCL	150	167	187	222	250
<b>Total</b>	<b>548</b>	<b>598</b>	<b>662</b>	<b>790</b>	<b>908</b>

# Challenges : Meeting target of 1.5 BT

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- ✓ Development of railway corridors / faster implementation of rail lines to evacuate coal from mines.
  - ✓ Requires an Investment of close to 20 billion USD in mining sector alone
  - ✓ Complex Land Acquisition and R&R issues.
  - ✓ Local issues.
  - ✓ Infrastructure constraints : Limited capacity in the rolling stock
  - ✓ Limited Washing Facilities for improving coal quality
  - ✓ Legal issues
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# Will India continue to Import.

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- There is definitely a huge thrust on Import Substitution. There was a drop of 8% in Imports in 2016. (194 against 210 in 2105). Steam coal Imports dropped by 11% (145 against 163).
  - Government of India is pursuing important substitution vigorously, and has launched a host of schemes to achieve the same.
  - Imports have already peaked. Going forward Coking coal demand will remain high while Thermal Coal in best case scenario can drop to a min of 50 Million tonnes.
  - We expect the imports to remain flat at around 100 million tonnes going forward by 2020.
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**Thank you**