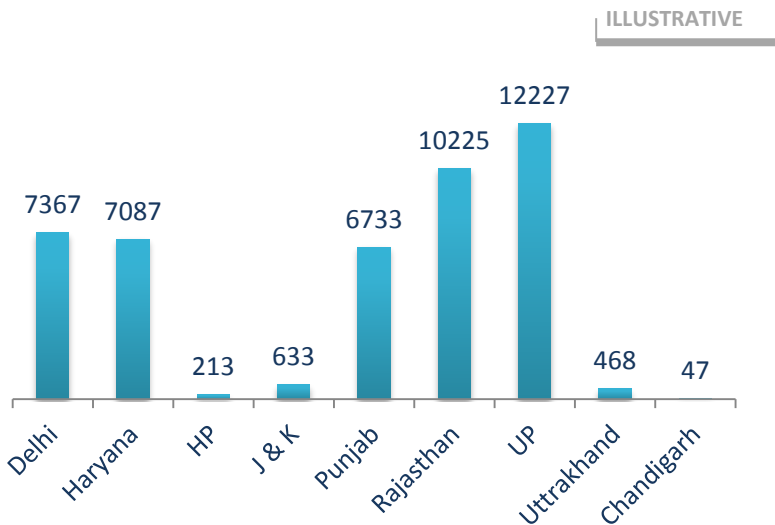


Coal Fired Power Generation in India- A Quarterly Insight

An Overview of Power Generation Scenario and Current Installed Capacity in Northern Region

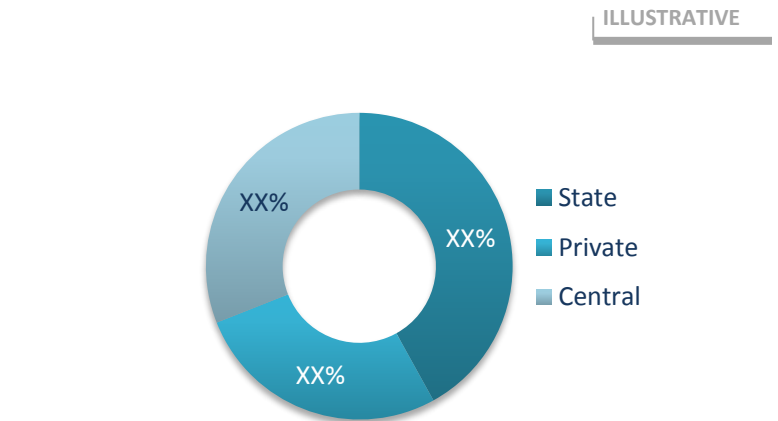
The Northern Region is the largest in terms of geographical area amongst the other regions and covers 28% of the country’s population. It caters to the states of Haryana, Delhi, Himachal Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand. The installed thermal power generation capacity in the northern region has increased from 28 GW in 2010 to reach 46 GW as of August 2015. The states of Rajasthan & Uttar Pradesh contribute highest in the present installed capacity as observed from Exhibit 01. The state power generation utilities clearly dominate the thermal power generation capacity in the northern region with close of 42% of the power being generated followed by central utility NTPC with a share of 31% as shown in Exhibit 02. The private developers however have a lower share of 27% owing to high logistics cost involved in the transportation fuel and thus making them averse for setting up thermal power plants.

Exhibit 01: State-Wise Installed Capacity in MW (as of August 2015)



Source: CEA

Exhibit 02: Utility Wise Share in Thermal Installed Capacity (August 2015)

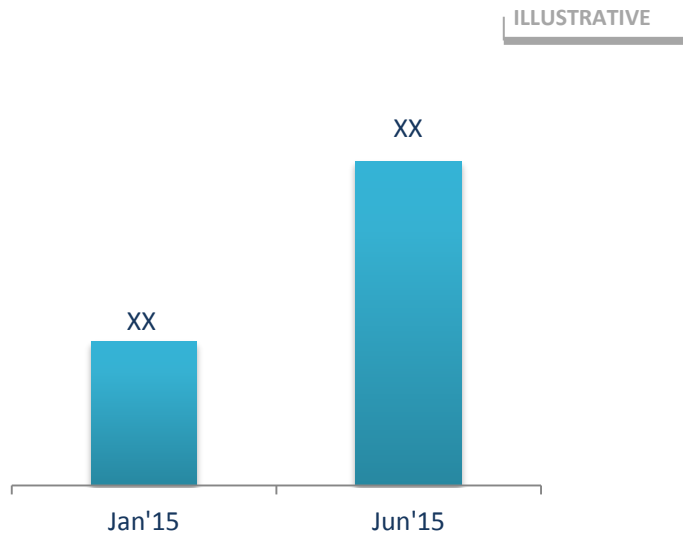


Source: enincon research

State Wise Trend in Coal Fired Power Generation Capacity in Northern Region

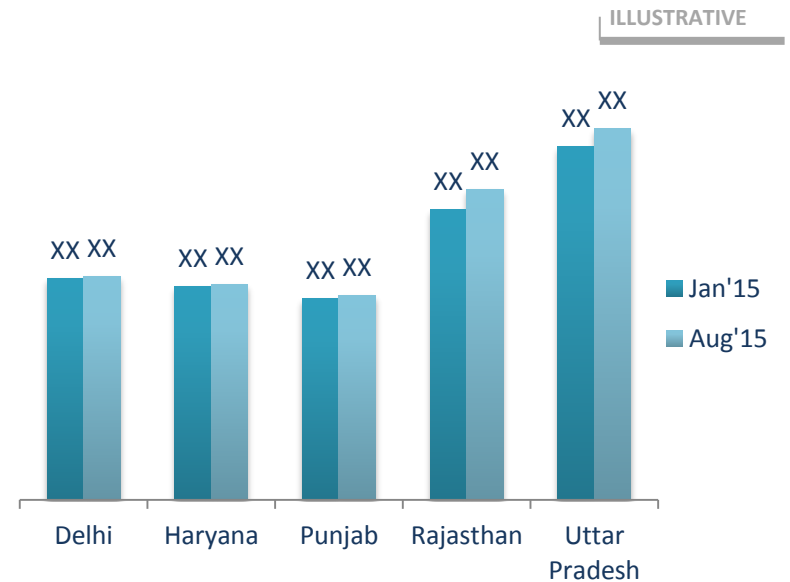
The overall Coal Fired Power Generation Capacity of the Northern Region has increased from XX GW in January 2015 to around XX GW in August 2015 as shown in Exhibit 03. The state of Rajasthan and Uttar Pradesh contribute maximum towards this increase as as depicted in exhibit 04.

Exhibit 03: Trend in Installed Capacity of Northern Region (GW): Jan'15- Aug'15



Source: enincon research

Exhibit 04: State-Wise Increase in Installed Capacity (GW): Jan'15- Aug'15

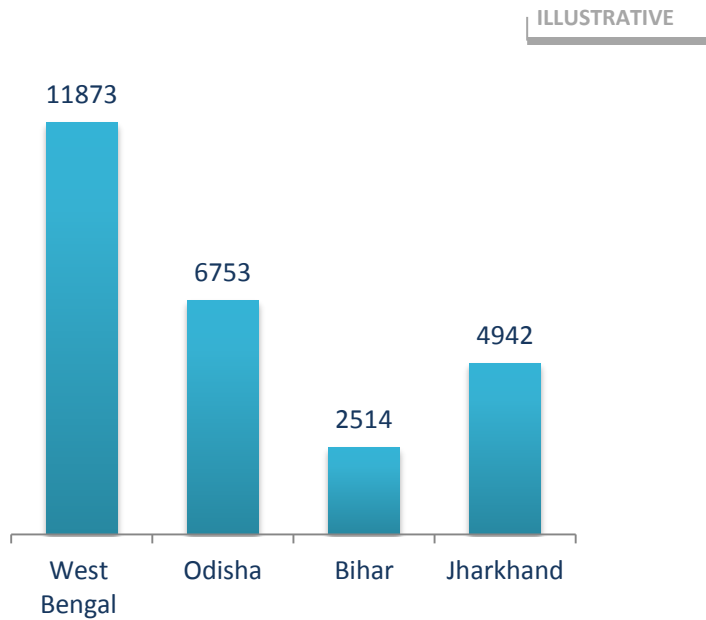


Source: enincon research

An Overview of Power Generation Scenario and Current Installed Capacity in Eastern Region

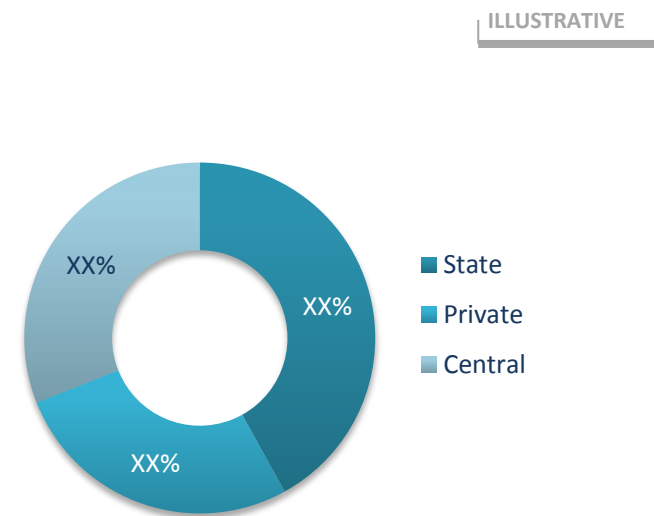
The Exhibit 05 delineates the contribution made by the different states of Eastern region in thermal installed capacity as of August'15. The highest contributor among the states being West Bengal and the least being Sikkim.

Exhibit 05: State-Wise Installed Capacity in MW (as of August 2015)



Source: CEA

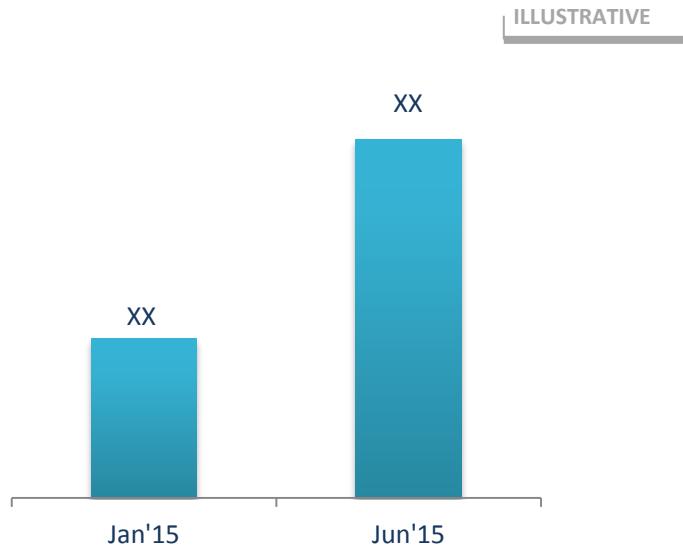
Exhibit 06: Utility Wise Share in Thermal Installed Capacity (August 2015)



Source: enincon research

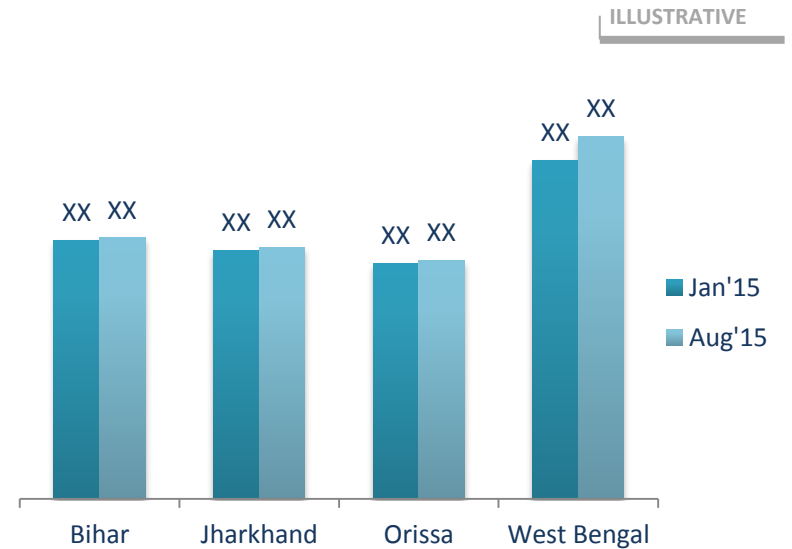
The overall Thermal Power Generation capacity of the Eastern Region has increased from XX GW in January 2015 to around XX GW in June 2015 as shown in Exhibit 07. The state of West Bengal has been the biggest contributor in this capacity addition among all the states of region as depicted in exhibit 08.

Exhibit 07: Trend in Installed Capacity of Eastern Region (GW): Jan'15- Aug'15



Source: enincon research

Exhibit 08: State-Wise Increase in Installed Capacity (GW): Jan'15- Aug'15

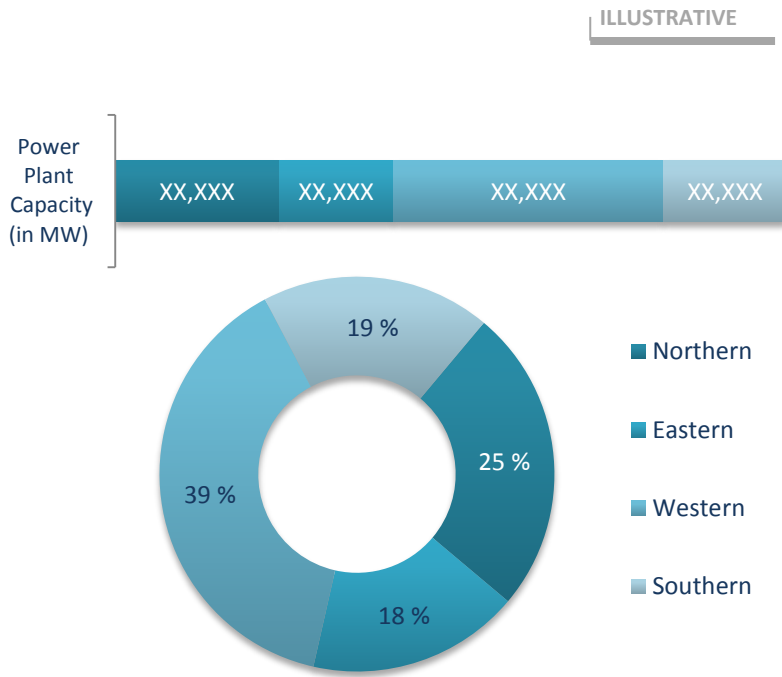


Source: enincon research

Demand Supply Position of Coal in India : Jan'15- Jul'15

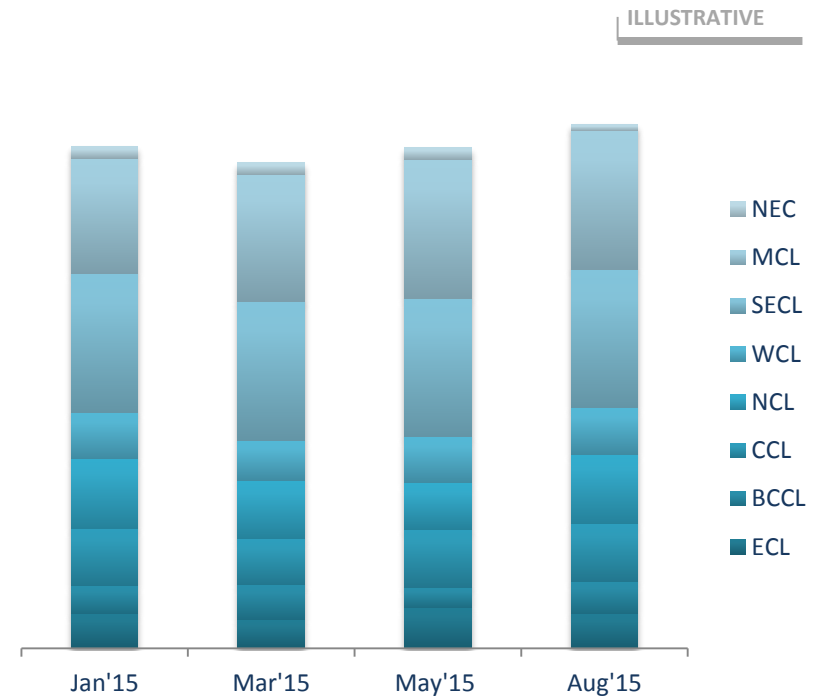
The demand of coal varies as per the different regions in accordance to the coal fired installed capacity in the country as shown in Exhibit 09. In order to cater to this demand CIL and its subsidiaries have the monthly production targets to meet the coal offtake requirements of the consumers. The Exhibit 10 depicts the monthly production of coal by CIL and its subsidiaries.

Exhibit 09: Region Wise Coal Demand vis-a vis Installed capacity India as of August'15 (In Percentage)



Source: enincon research

Exhibit 10: Monthly production of Coal by CIL and its subsidiaries.(MT's)



Source: enincon research