

## PLANNING

### 5.1 COAL DEMAND

There has been continuous increase in the sector-wise as well as overall demand for Coal over the years. The demand has increased significantly from 549.02 Million Tonnes (MT) (including middling) in 2008-09 to

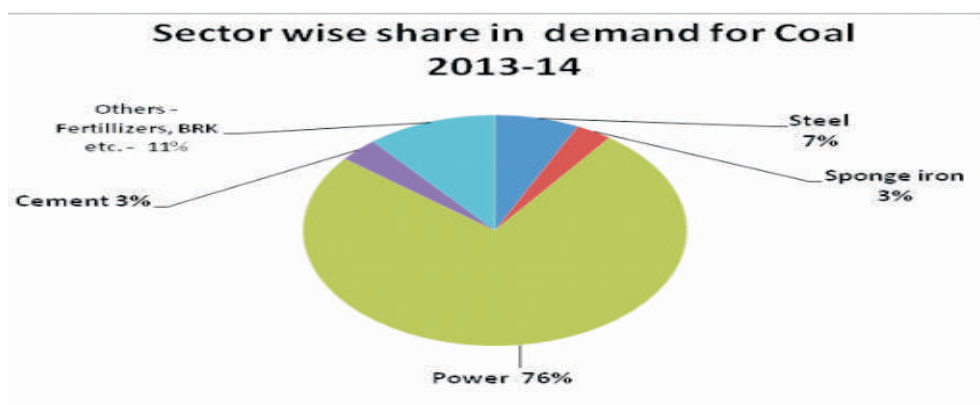
662.94 MT (Prov.) in 2012-13. It was estimated to be 769.69 MT for the year 2013-14(BE). The Sector-wise total Coal demand/actual supply during 2008-09 to 2012-13 (Actual), 2013-14 (BE&RE) and 2014-15 (BE) are given below:-

( In Million Tonnes)

Sector wise demand of Coal										
Sector		2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2013-14	2014-15	
		Actual	Actual	Actual	Actual	Actual	BE	RE	BE	
<b>I. Coking Coal</b>										
1	Steel / Coke Oven & Cokeries (Indigenous)	16.58	16.45	17.26	15.53	16.90	22.98	15.5	17.02	
2	Steel (Import)	21.08	24.69	19.48	31.80	35.56	31.00	36.33	38.44	
<b>Sub Total</b>		<b>37.66</b>	<b>41.14</b>	<b>36.75</b>	<b>47.33</b>	<b>52.46</b>	<b>53.98</b>	<b>51.83</b>	<b>55.46</b>	
<b>II. Non Coking Coal</b>										
3	Power (Utilities)	RC	362.08	378.30	389.49	412.44	457.43	535.00	504.0	551.60
4	Power (Captive)	RC	35.17	40.26	40.95	46.51	55.05	46.14	47.0	50.00
5	Cement		20.09	21.40	25.58	22.57	22.39	30.00	24.41	26.12
6	Sponge Iron/ CDI		19.78	23.10	22.79	21.69	20.90	35.00	22.29	23.85
7	BRK & Others .including Fertilizer	RC	74.25	83.61	77.44	88.19	107.95	69.57	80.0	80.00
<b>Sub Total</b>		RC	<b>511.36</b>	<b>546.67</b>	<b>556.26</b>	<b>591.40</b>	<b>662.94</b>	<b>715.71</b>	<b>677.7</b>	<b>731.57</b>
<b>Total Raw Coal</b>			<b>549.02</b>	<b>587.81</b>	<b>593.00</b>	<b>638.73</b>	<b>713.39</b>	<b>769.69</b>	<b>729.53</b>	<b>787.03</b>

Source: Annual Plan, Ministry of Coal 2013-14, Coal Controller Organisation and Planning Commission.

\*Excludes Meghalaya



## 5.2 COAL SUPPLY AND DEMAND

The demand for Coal for 2013-14, was estimated to be 769.69 MT, whereas the indigenous availability was estimated at 614.55 MT. The gap of 155.14 MT was projected to be met

through imports. During the year 2013-14, the actual indigenous supply of Coal has been of the order of 571.00 MT. As per available figures about 168.5 Million Tonnes of Coal was imported during 2013-14. The details are given below:-

(In Million Tonnes)

Coal Supply and Demand						
Source	2012-13 BE	2012-13 Actual	2013-14 BE	2013-14 Actual	2014-15 BE	XII Plan Proj.2016-17
CIL	470	464.95	492.00	471.09	520.00	615.00
SCCL	53.1	52.08	56.00	47.89	55.50	57.00
Others	57.2	50.58	66.55	52.03	68.25	123.00
<b>Total indigenous supply</b>	<b>580.3</b>	<b>567.60</b>	<b>614.55</b>	<b>571.00</b>	<b>643.75</b>	<b>795.00</b>
Actual Import		145.79		168.50*		
<b>Demand projected</b>	<b>772.84</b>		<b>769.69</b>		<b>787.03</b>	<b>980.50</b>
Gap projected to be met by import	192.54		155.14		143.28	185.50
<b>Note:</b> Demand is assessed by the Planning Commission at the beginning of each Annual Plan						
*Provisional figures upto Jan. 2014.						

## 5.3 COAL PRODUCTION

The production of Coal by the CIL was 462.53 MT in 2013-14 as against a target of 482.0 MT. The SCCL produced 50.47 MT of Coal during 2013-14 against a target of 54.3 MT.

For the year 2014-15 the CIL is targeted to produce 507 MT and SCCL 55 MT of raw Coal. The company wise raw Coal production target for 2013-14 and achievement with targets of 2014-15 are given as under:-

(In MTs)

Company	2010-11 (Actual)	2011-12 (Actual)	2012-13 (Actual)	Actual Jan-Mar, 2013	2013-14 BE	2013-14 Actual (Prov)	2014-15 BE
ECL	30.81	30.56	33.91	11.617	34.50	36.04	38.00
BCCL	29.00	30.21	31.21	9.240	32.50	32.61	34.00
CCL	47.52	48.00	48.06	18.059	53.50	50.15	55.00

NCL	66.25	66.40	70.02	23.263	72.20	68.64	77.00
WCL	43.65	43.11	42.29	12.584	44.00	39.73	44.00
SECL	112.71	113.84	118.22	33.833	124.30	124.26	131.00
MCL	100.28	103.12	107.89	34.466	120.00	110.44	127.00
NEC	1.10	0.60	0.61	0.230	1.00	0.66	1.00
CIL	431.32	435.84	452.21	143.292	482.00	462.53	507.00
SCCL	51.33	52.21	53.19	16.008	54.30	50.47	55.00
Others	50.04	51.90	52.31	13.925	68.25	52.64	68.25
<b>Total</b>	<b>532.69</b>	<b>539.95</b>	<b>556.40</b>	<b>173.225</b>	<b>604.55</b>	<b>565.64</b>	<b>630.25</b>

#### 5.4 LIGNITE PRODUCTION AND POWER GENERATION

The data on Production Performance by NLC for the period to January'2013

to March 2013 and during 2013-14 and targets for the year 2014-15 in respect of lignite production and power generation are given below:

Year	Lignite (Million Tonnes)	Power Generation Gross (Million Units)
2011-12 (Actual)	24.59	18789.44
2012-13 (Actual)	26.22	19902.34
2013-14 (BE)	25.20	18929.00
2013-14 (RE)	25.20	18170.00
2013-14 (Actual)*	26.61	19967.72
2014-15 (BE)	25.60	20285.00

**Note:** The production of Lignite and Power Generation of NLC for the period Jan.13 to March 13 was 8.20 MT. and 5575.23 MU respectively.  
\*Provisional

#### 5.5 PRODUCTION PERFORMANCE OF CIL and SCCL:

( In MTs)

Year	Coal India Ltd.			Singareni Collieries Co. Ltd.		
	UG	OC	Overall	UG	OC	Overall
2011-12 (Actual)	0.78	10.50	4.99	1.10	13.26	3.94
2012-13 (Actual)	0.77	11.48	5.32	1.13	11.87	3.94
2013-14 (BE)	0.79	11.75	5.54	1.46	14.61	4.39
2013-14 (RE)	0.79	12.38	5.69	1.20	11.64	3.90
2013-14 (Actual)	0.75	12.02	5.47	1.12	11.10	3.86
2014-15 (BE)	0.83	12.88	6.03	1.16	13.13	4.60

## 5.6 CAPITAL OUTLAY

(Actual),2013-14 (BE,RE &Actual) and  
2014-15 (BE) are as under:

The details of Capital Outlay XII Plan  
proposals & for the year 2012-13

(₹ in Crore)

Schemes	XII Plan 2012-17	2012-13 Actual	2013-14 BE	2013-14 RE	2013-14 Actual (Prov.)	2014-15 (BE)
CIL	25400.00 + 25000.00 # + 10000.00 #	2915.23	5000.00 + 4000.00 #	5000.00	4029.60	5225.00 +
SCCL	10350.00	2047.26	4000.00	2900.00	2591.05	3850.00
NLC-Mines	2510.70	57.89	107.60	107.60	--	272.00
Power	26728.40	1770.01	2382.54	2382.54	--	2664.00
<b>Total NLC</b>	<b>29239.10</b>	<b>1827.90</b>	<b>2490.14</b>	<b>2490.14</b>	<b>1817.32</b>	<b>2936.00</b>
<b>Sub Total</b>	<b>64989.10</b>	<b>6790.39</b>	<b>11490.14</b>	<b>10390.14</b>	<b>8608.37</b>	<b>12011.00</b>
Research & Development (S&T)	80.00	11.40	11.67 +	13.00	11.65	20.00
Regional Exploration	456.52	13.00	50.00	70.00	59.21	63.00
Detailed Drilling	974.69	188.29	175.00	205.00	170.10	205.00
EMSC	4950.05	0.00	1.00	0.45	0.35	0.45
Conservation and safety in Coal mines	820.00	106.30	160.00	185.00	171.90	185.00
Dev. of Trans- portation Infra. In Coalfield areas	600.00	40.00	50.00	75.00	76.06	75.00
Coal Controller	1.25 --	0.25	0.30	0.30	0.18	0.30
Information Technology		0.50	0.70	1.25	1.25	1.25
Lump sum prov. for TSP	--	0.00	---	--	31.60	--
NE Component	--	31.00	---	--	--	--
<b>Sub Total Schemes</b>	<b>7882.51</b>	<b>390.74</b>	<b>450.00</b>	<b>550.00</b>	<b>522.16</b>	<b>550.00</b>
<b>Grand Total</b>	<b>72871.61</b>	<b>7181.13</b>	<b>11940.14</b> + 4000.00 #	<b>10940.14</b>	<b>8960.13</b>	<b>12561.00</b>

Note - ₹ 31.60 + ₹ 24.00 crs. Provision for TSP & NE Component for the year 2013-14.

#. Ad-hoc provision for proposed acquisition of assets in abroad and Mozambique.

## 5.7 PLAN EXPENDITURE

(₹ In Crore)

Year	Capital Expenditure of CIL	Capital Expenditure of SCCL	Capital Expenditure of NLC	S&T/RE/EMSC D.D/VRS#
2011-12 (BE)	4220.00	2804.30	1858.55	222.59
2011-12 (RE)	4195.00	1389.61	1417.85	240.52
<b>2011-12(Actual)</b>	<b>3370.21</b>	<b>1070.56</b>	<b>1684.38</b>	<b>327.57</b>
2012-13 (BE)	4275.00	3220.33	1687.45	544.00
2012-13 (RE)	3900.00	3220.33	1782.26	416.00
<b>2012-13 (Actual)</b>	<b>2915.23</b>	<b>2047.26</b>	<b>1827.90</b>	<b>212.69</b>
2013-14 (BE)	5000.00	4000.00	2490.14	239.00
2013-14 (RE)	5000.00	2900.00	2490.14	288.45
<b>2013-14 (Actual)</b>	<b>4200.00</b>	<b>2591.05</b>	<b>1817.32</b>	<b>214.15</b>
<b>1<sup>st</sup> Jan.2013 to 31<sup>st</sup> March 2013</b>	<b>1657.00</b>	<b>662.93</b>	<b>566.59</b>	<b>--</b>
<b>2014-15 (BE)</b>	<b>5225.00</b>	<b>3850.00</b>	<b>2936.00</b>	<b>288.45</b>

# S&amp;T – Science &amp; Technology

R.E – Regional Exploration.

EMSC- Environmental Measures &amp; Subsidence Control.

D.D – Detailed Drilling.

V.R.S. – Voluntary Retirement Scheme.