

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 from Power sector in particular has increased significantly from 397.43 million tones (including middling) in 2008-09 to 403.91 million

tonnes (Prov.) in 2011-12 in the terminal year of XIth Plan. It is estimated to be 555.00 million tonnes for the year 2012-13(BE). The Sector-wise total coal demand/actual supply during 2008-09 to 2010-11 (Actual) and 2012-13 (BE) are as under:-

(in Million Tones)

	Sector		2008-09	2009-10	2010-11	2011-12	2012-13
			Actual	Actual	Actual	Actual*	BE
I.	Coking Coal						
1	Steel / Coke Oven & Cokeries (Indigenous)		16.58	16.45	15.90	16.05	22.30
2	Steel (Import)		21.08	24.69	28.00	30.04	30.00
	Sub Total		37.66	41.14	43.90	46.08	52.30
II.	Non Coking Coal						
3	Power (Utilities)	RC	362.08	378.25	389.56	367.00	512.00
		MID	(1.23)	(0.73)			
4	Power (Captive)	RC	32.74	37.68	40.83	36.91	43.00
		MID	(1.38)	(1.48)			
5	Cement		20.09	21.40	25.20	13.40	30.24
6	Sponge Iron/ CDI		19.78	23.10	23.07	21.28	35.30
7	BRK & Others/Fert/Export/SSF/NLW Cok/Loco/Colly.con	RC	76.68	86.24	93.57	81.10	100.00
		MID					
	Sub Total	RC	511.37	546.67	572.23	588.58	720.54
		MID	(2.61)	(2.21)			
	Tota Raw Coal		549.02	587.81	616.13	634.66	772.84
	Middling		(2.61)	(2.21)			

*Source: Prov. Coal Statistics 2011-12, CCO

5.2 COAL SUPPLY AND DEMAND

It is estimated that at the beginning year of 12th Five Year Plan (2012-13), the coal demand would be about 772 Million Tonnes, whereas the

indigenous availability would be about 580.30 Million Tonnes. Therefore, there is likely to be a gap of 192.54 Million Tonnes, which is required to be met through imports. The details are given below:-

(in million tonnes)

Source	2009-10 Actual	2010-11 Actual	2011-12 Actual (Prov)	2012-13 BE	2012-13 RE*	XII Plan Proj. 2016-17
CIL	415.88	424.30	432.48	470.00	470.00*	615.00
SCCL	49.37	50.14	51.39	55.48	55.60*	57.00
Others	49.25	49.64	51.28	57.20	57.20*	123.00
Total indigenous supply	514.56	524.09	535.15	580.30	582.80*	795.00
Demand	597.98	656.31	696.03	772.84	691.50*	980.50
Gap to be met through imports	83.43	132.22	160.88	192.54	-	185.50
Total Import	73.26	68.92	102.85	192.54	-	185.50**

* As estimated at the time of Annual Plan 2013-14 discussions

** 12th Plan terminal year estimates

5.3 COAL PRODUCTION

Subsidiary wise coal production target of CIL for the XI Plan period (2007-12) are given below. Actual production of

CIL for 2007-08, 2008-09, 2009-10 and 2010-11 (BE) and 2010-11 (Actual) upto December, 2010 is as under:-

(in million tonnes)

Company	2007-08 (Actual)	2008-09 (Actual)	2009-10 (Actual)	2010-11 (Actual)	2011-12 (Actual)	2012-13 BE	2012-13 Ante/RE	2012-13 (Actual upto Dec. 2012)
ECL	24.06	28.13	30.06	30.81	30.56	33.00	33.00	22.28
BCCL	25.22	25.51	27.51	29.00	30.20	31.00	31.00	21.97
CCL	44.15	43.24	47.08	47.52	48.00	55.00	49.50	29.98

NCL	59.62	63.65	67.67	66.25	66.40	70.00	70.00	46.76
WCL	43.51	44.70	45.74	43.65	43.11	45.00	45.00	29.70
SECL	93.79	101.15	108.01	112.71	113.84	117.00	117.00	84.38
MCL	88.01	96.34	104.08	100.28	103.12	112.00	112.00	73.43
NEC	1.10	1.01	1.11	1.10	0.60	1.10	1.10	0.38
CIL	379.46	403.73	431.26	431.32	435.83	464.10	458.60	308.89
SCCL	40.60	44.54	50.43	51.33	52.21	53.10	53.10	37.18
Others	36.94	44.49	50.35	50.04	51.90	57.80	NA	38.12
Total	457.00	492.76	532.04	532.69	539.94	575.00	511.70	384.19

NA= Not available.

5.4 LIGNITE PRODUCTION AND POWER GENERATION

The actual Production Performance in 2011-12, the targeted figures (BE & RE) of 2012-13 and actual up to,

December 2012 provisional for the period to January'2013 to March 2013 and targeted figure for the year 2013-14 of lignite production and power generation are given below:

Year	Lignite (Million Tonnes)	Power Generation Gross (Million Units)
2010-11 (Actual)	23.14	17881.08
2011-12 (Actual)	24.59	18788.59
2012-13 (Target) (BE)	24.80	18600.00
2012-13 (Target) (RE)	24.95	18098.00
2012-13 Actual up to December 2012	18.51	14323.89
Provisional for the period January'2013 to March 2013	6.95	5343.00

5.5 PRODUCTION PERFORMANCE OF NLC:

Sl No.	Product	2008-09	2009-10	2010-11	2011-12	2012-13 (Apr12- Dec 12)
1	Lignite (MT)	21.31	22.34	23.144	24.591	18.51
2	Power Gross (MU)	15767.98	17656.04	17881.08	18789.44	14323.89

5.6 PROJECTION OF OMS

Year	Coal India Ltd.			Singareni Collieries Co. Ltd.		
	UG	OC	Overall	UG	OC	Overall
2008-09 (Actual)	0.76	8.95	4.09	1.05	10.60	3.01
2009-10 (Actual)	0.78	9.51	4.47	1.08	10.71	3.36
2010-11 (Actual)	0.77	10.06	4.73	1.10	11.98	3.59
2011-12 (Actual)	0.75	10.40	4.89	1.10	13.23	3.93
2012-13 (BE.)	0.86	11.12	5.23	1.24	15.09	4.05
2012-13(RE)	0.89	11.04	5.32	1.12	13.79	4.00
2012-13(Actual) upto Dec.2012	0.75	10.55	4.38	1.12	11.07	3.64

5.7 CAPITAL OUTLAY

The details of Capital Outlay XII Plan proposals & for 2008-09 to 2011-12

(Actual), 2012-13 (BE&RE) and 2013-14 (BE) are as under:

(₹ In Crore)

Schemes	XII Plan 2012-17	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 BE	2012-13 RE	2013-14 BE
CIL	25400.00 + 25000.00 # + 10000.00 #	2507.17	2809.99	2539.72	3727.17	4275.00 + 5500.00 #	4100.00 + 150.00#	5000.00 + 4000.00 #
SCCL	10350.00	650.44	888.67	643.81	1070.56	3220.33	3220.33	4000.00
NLC-Mines	3481.01	400.05	331.43	120.83	77.54	131.70	84.89	97.60
Power	27710.50	1159.10	1031.47	1323.82	1606.84	1555.75	1697.37	2206.61
Total NLC	31191.51	1559.15	1362.90	1444.65	1684.38	1687.45	1782.26	2304.21
Sub Total	66941.51	4716.76	5061.56	4628.18	6482.11	9182.78	9102.59	11304.21
Research & Development (S&T)	80.00	10.52	11.62	10.00	10.62	11.40	11.40	11.65
Regional Exploration	456.52	30.00	30.39	68.00	64.00	62.00	13.00	40.90
Detailed Drilling	974.69	15.00	60.00	110.00	109.17	123.30	188.30	143.05
EMSC	4950.05	9.90	0.00	30.00	0.00	9.00	0.00	0.90
Conservation and safety in coal mines	820.00	132.00	135.00	134.59	121.11	137.30	106.30	146.90
Dev. Of Transportation Infra. In coalfield areas	600.00	0.00	0.00	22.00	22.00	50.00	40.00	50.00

Coal Controller	1.25	0.21	0.26	0.22	0.23	0.25	0.25	0.30
Information Technology	--	0.28	0.02	0.15	0.45	0.75	0.75	0.70
Lump sum prov. For TSP	--	0.00	0.00	0.00	16.18	31.00	31.00	31.60
NE Component	--				-	25.00	25.00	24.00
Sub Total Schemes	7882.51	197.91	237.29	374.96	343.76	450.00	416.00	450.00
Grand Total	74824.02	4914.67	5298.85	5003.14	6825.87	9632.78	9518.59	11754.21
						+	+	+
						5500.00 #	150.00 #	4000.00 #

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

5.8 PLAN EXPENDITURE

(₹ In Crore)

Year	Capital Expenditure of CIL	Capital Expenditure of SCCL	Capital Expenditure of NLC	S&T/RE/EMSC D.D/VRS#
2007 - 08 (BE)	2472.14	570.58	2006.97	250.00
2007 - 08 (RE)	2066.97	520.00	1930.00	377.00
2007 - 08 (Actual)	2033.51	573.97	1766.71	279.80
2008-09 (BE)	3214.70	665.30	2717.00	300.00
2008-09 (RE)	2755.00	665.30	1895.34	286.45
2008-09 (Actual)	2507.17	650.44	1559.41	197.49
2009-10 (BE)	2900.00	580.57	1893.84	135.54
2009-10 (RE)	3100.00	633.94	1231.34	622.72
2009-10 (Actual)	2809.99	888.67	1363.10	237.29
2010-11 (BE)	3800.00	1334.93	1983.46	400.00
2010-11 (RE)	3615.00	1124.57	1444.65	470.52
2010-11 (Actual)	2539.72	643.81	1444.65	218.00
2011-12 (BE)	4220.00	2804.30	1858.55	222.59
2011-12 (RE)	4195.00	1389.61	1417.85	240.52
2011-12 (Actual)	3727.17	1070.56	1684.38	327.57
2012-13 (BE)	4275.00	3220.33	1687.45	544.00
2012-13 (RE)	4100.00	3220.33	1782.26	416.00
2012-13 (Actual)	1592.82	1068.57	1261.31	147.70
Upto Dec. 2012				

S&T - Science & Technology
D.D - Detailed Drilling.

R.E - Regional Exploration. EMSC - Environmental Measures & Subsidence Control.
V.R.S. - Voluntary Retirement Scheme.