

Planning

5.1 Coal Demand

The Working Group for Coal & Lignite for formulation of XI Plan has assessed the coal demand of 731.00 MT in the terminal year XI Plan i.e. 2011-12 which was, however, revised to 713.24 MT by the Planning

Commission during Mid-Term Appraisal in Sept. 2009. The All India coal demand for the year 2009-10 (Actual), 2010-11 (BE & RE) have been assessed as 582.25 MT, 656.31 MT and 624.78 respectively. The Sector wise break-up is as under:-

Sector	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 BE	2010-11 RE	2011-12 Original Target	2011-12 Revised as per MTA
I)Coking Coal								
Steel/Coke Ovens & Cokeries	17.30	16.99	16.58	15.92	17.92	16.80	23.78	26.02
Steel (Import)	17.88	22.03	21.08	23.47	32.59	23.20	44.72	42.48
Sub-Total Coking	35.17	39.02	37.66	39.39	50.51	40.00	68.50	68.50
II) Non-Coking Coal								
Power Utilites (Gen. Req.)	307.92 (1.61)*	332.40 (1.45)*	362.93 (1.23)*	380.13 (0.68)*	442.00	405.00	483.00	473.00
Captive Power	28.13 (1.64)*	29.31 (1.55)*	33.74 (1.38)*	38.47 (1.53)*	44.00	40.00	57.06	47.06
Cement	19.67	21.27	18.85	20.80	30.00	25.98	31.90	33.35
Steel DR	17.47	20.92	19.78	22.89	28.80	28.80	28.96	28.96
BRK & others	55.51	61.37	77.07	88.82	61.00	85.00	61.58	62.43
Sub-Total Non-Coking	428.70 (3.25)*	465.27 (3.00)*	511.37 (2.61)*	542.86 (2.21)*	605.80	584.78	662.50	644.74
Grand Total (I+II):	463.87 (3.25)*	504.29 (3.00)*	549.03 (2.61)*	582.25 (2.33)*	656.31	624.78	731.00	713.24

* Middlings

5.2 Coal Supply and Demand

It is estimated that at the end of terminal year of 11th Five Year Plan (2011-12), the coal demand would be about 713 Million Tonnes, whereas the indigenous availability

would be about 630 Million Tonnes. Therefore, there is likely to be a gap of 83 Million Tonnes, which is required to be met through imports. The details are given below:-

(in Million Tonnes)

Source	2008-09 Actual	2009-10 Actual	2010-11 BE	2010-11 RE	XI Plan Proj. 2011-12
CIL	401.44	415.88	460.50	433.50	486.50
SCCL	44.54	49.37	47.05	50.50	47.00
Others	44.03	49.25	65.87	52.05	96.41
Total indigenous supply	490.01	514.50	573.42	536.05	629.91
Demand	550.00	597.98	656.31	624.78	713.24
Gap to be met through imports	59.98	83.48	82.89	88.73	83.33
Total Import (a+b)	59.00	73.25	82.89	88.73	83.33

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 (BE)	2010-11 (Actual) upto Dec.10	2011-12 Target/ BE	2011-12 (Proj) As per XI Plan	2011-12 Revised as per MTA
ECL	24.06	28.13	30.06	33.00	20.69	33.00	46.00	36.00
BCCL	25.22	25.51	27.51	29.00	20.41	30.00	30.00	30.00
CCL	44.15	43.24	47.08	50.00	30.89	51.00	78.00	54.00
NCL	59.62	63.65	67.67	72.00	45.96	68.50	70.00	76.00
WCL	43.51	44.70	45.74	46.50	31.24	45.50	45.00	47.00
SECL	93.79	101.15	108.01	112.00	79.54	112.00	111.00	117.00
MCL	88.01	96.34	104.08	116.75	70.15	106.00	137.00	125.10
NEC	1.10	1.01	1.11	1.25	0.64	1.00	3.50	1.40
CIL	379.46	403.73	431.26	460.50	299.52	447.00	520.50	486.50
SCCL	40.60	44.55	50.43	46.00	36.33	51.00	40.80	47.00
Others	36.94	44.48	51.31*	65.87	33.56	56.00	118.70	96.41
Total	457.00	492.76	532.99	572.37	369.41	554.00	680.00	629.91

* Excluding Meghalaya.

5.4 Lignite Production and Power Generation

The actual Production Performance in 2009-10, the targeted figures (BE & RE) of

2010-11 and actual up to December 2010, provisional for the period January 2011 to March 2011 and targeted figure for the year 2011-12 of lignite production and power generation are given as follows:-

Year	Lignite (Million Tonnes)	Power Generation (Million Units)
2009-10 (Actual)	22.338	17656.04
2010-11 (Target) (BE)	24.14	18758.00
2010-11 (Target) (RE)	21.90	16686.00
2010-11 Actual upto December 2010	16.415	12730.51
Provisional for the period January 2011 to March 2011	5.48	3955.49
2011-12 (Target) (BE)	23.95	18576.00

5.5 Production Performance of NLC

Sl No	Product	2006-07	2007-08	2008-09	2009-10	2010-11 (Apr.2010 to Dec.2010)
1	Lignite (MT)	21.01	21.59	21.31	22.34	16.41
2	Power Gross (MU)	15786.58	17456.89	15767.98	17656.04	12730.51

5.6 Projection of OMS

(Figures in Tonnes)

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 (BE)	0.83	10.62	4.87	1.24	11.33	3.58
2010-11(RE)	0.80	10.17	4.70	1.08	11.63	3.49
2011-12 (Proj.)	0.84	10.73	4.92	1.20	13.01	3.80

5.7 Capital Outlay

To achieve the projected coal production in XI Plan, Working Group in Coal & Lignite for XI Plan has estimated a total capital outlay of ₹34259 Crore for CIL, SCCL and NLC. Capital Outlay for the departmental schemes of the Ministry of Coal has been estimated at ₹7702 Crore. Thus the total Capital Outlay works out

to ₹41961 Crore. However, the Ministry of Coal has proposed for a total Capital Outlay of ₹43476.37 Crore. The Planning Commission has approved total capital outlay of ₹37,100.00 Crores. The details of Capital Outlay for 2009 – 10 (Actual), 2010–11 (BE), (RE), Actual upto Dec. 2010, 2011-12 (BE) and XI plan revised as per MTA is as follows :-

Company	XI FYP Proposed by MoC	Approved by Planning Commission	2009-10 (Actual)	2010-11 (BE)	2010-11 (RE)	2010-11 (Actual upto Dec. 2010 Prov.)	2011-12 (BE)	XI Plan Revised as per MTA
Coal India Limited	17390.07	17390.00	2809.99	3800.00 + 6000.00	3615.00 + 1000.00	1547.42	4220.00 + 6000.00.	16090.68
SCCL	3340.30	3340.00	888.67	1334.93	1124.57	420.64	2804.30	3802.07
NLC								
Mines	2826.00	2826.00	331.43	313.94	120.83	55.68	104.58	2334.39
Power	12218.00	12218.00	1031.67	1669.52	1323.82	828.19	1753.97	6140.61
Total NLC	15044.00	15044.00	1363.10	1983.46	1444.65	883.87	1858.55	8475.00
Sub-Total (Coal PSUs)	35774.37	35774.00	5061.76	7118.39	6184.22	2851.93	8882.85	28367.75
Departmental Schemes								
Science & Technology (S &T)	100.00	75.35	11.62	10.00	11.90	5.00	10.62	75.35
Regional Exploration	383.50	164.02	30.39	70.00	98.64	28.47	62.17	305.82
Detailed Drilling	893.89	472.94	60.00	110.00	159.98	44.30	99.22	523.08
Env. Mgmt & Subsidence Control	4642.88	155.34	0.00	30.25	30.00	0.00	50.58	1713.75
Conservation & Safety in coal mines	692.95	170.67	135.00	135.00	148.00	0.00	121.11	690.75
Development of transport infrastructure in coalfield areas	972.65	277.63	0.00	22.00	22.00	0.00	22.00	930.92
Coal Controller's Office	1.13	1.22	0.26	0.25	0.00	4.62	0.25	0.00
Information Technology	15.00	8.84	0.02	0.50	0.00	9.14	0.45	0.00
North-Eastern Region	0.00	0.00	0.00	22.00	0.00	0.00	26.60	16.13
Tribal Sub Plan							27.00	
Sub-Total (Departmental Schemes)	7702.00	1326.00	237.29	400.00	470.52	91.53	420.00	4225.80
Grand Total - MoC	43476.37	37100.00	5299.05	7518.39 + 6000.00	6654.74 + 1000.00	2943.46	9302.85 + 6000.00	32593.55

5.8 Plan Expenditure

The plan expenditure for 2009-10, BE/RE

2010-11 along with actual expenditure up to the end of December 2010 and BE 2011-12 are furnished in the table below:-

Year	₹ In Crores
2009-10 Actual	1363.10
2010-11 (BE)	1983.46
2010-11 (RE)	1444.65
2010-11 (Provisional) upto December 10	883.87
Provisional for Jan. 11 to March 2011	560.78
2011-12 BE	1858.55