

CHAPTER – IV

REVIEW OF PAST PERFORMANCE

4.1 Sector – wise Coal Demand as assessed by Planning Commission

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 2012-13 (BE) is given below:-

Table No.4.1
Status of Demand and Supply of Coal

		(In Million Tonnes)						
	Sector		2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
			Actual	Actual	Actual	Actual *	BE	BE
I.	Coking Coal							
1	Steel / Coke Oven & Cokeries (Indigenous)		16.58	16.45	15.90	16.05	22.30	23.98
2	Steel (Import)		21.08	24.69	28.00	30.04	30.00	30.00
	Sub Total		37.66	41.14	43.90	46.08	52.30	53.98
II.	Non Coking Coal							
3	Power (Utilities)	RC	362.08	378.25	389.56	367.00	512.00	535.00
		MID	(1.23)	(0.73)				
4	Power (Captive)	RC	32.74	37.68	40.83	36.91	43.00	46.14
		MID	(1.38)	(1.48)				
5	Cement		20.09	21.40	25.20	13.40	30.24	30.00
6	Sponge Iron/ CDI		19.78	23.10	23.07	21.28	35.30	35.00
7	BRK & Others/Fert/ Export/SSF/NL W Cok/Loco/Colly. con	RC	76.68	86.24	93.57	81.10	100.00	69.57
		MID						
	Sub Total	RC	511.37	546.67	572.23	588.58	720.54	715.71

		MID	(2.61)	(2.21)				
	Tota Raw Coal		549.02	587.81	616.13	634.66	772.84	769.69
	Middling		(2.61)	(2.21)				

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

4.2 Coal Production:

Coal Production in Coal India Limited and SCCL are as under:

Table 4.2

Coal Production in Coal India Limited and SCCL

(In Million Tonnes)

COMPANY	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual Prov.	2012-13 BE	2012-13 Upto Dec. 2012 (Prov)	2013-14 BE
CIL	403.73	431.26	431.32	435.83	464.10	308.89	482.00
SCCL	44.54	50.43	51.33	52.21	53.10	37.18	54.30
Others	44.49	50.35	50.04	51.90	57.80	38.12	68.25
Total	492.76	532..04	532.69	539.94	575.00	384.19	604.55

*Source: CCO

Through a sustained programme of investment and greater thrust on application of modern technology, it has been possible to raise the production of coal from a level of about 96 million tonnes at the time of nationalization of coal mines in early seventies to about 539.94 million tonnes (All India) by 2011-12. As per the assessment during the formulation of Working Group for XII Plan, the targeted coal production in the year 2012-13 will 575.00 million tonnes. With a view to meet the increased demand of coal, new coal mining projects and welfare activities are proposed to be taken. CIL has floated Expression of Interest (EOI) for engaging international consultants for modernization and technology development in their mines.

4.3 The Production Programme for NLC for BE 2013-14 with actual of 2008-09 to 2011-12 and actual upto December, 2012 are given below:-

Table 4.3
Production of Lignite and Power in NLC

Item	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual Prov.	2012-13 RE	Actual upto Dec.2012	2013-14 BE
Lignite (Mt.)	21.31	22.34	23.14	24.59	24.45	18.51	25.20
Power (MU)	15768	17656	17881.09	18789.44	17619.00	14323.89	18929.00

4.4 Review of the Plan Schemes

4.4.1 Research & Development Projects

The Government of India through Ministry of Coal's Science & Technology (S&T) Plan and Coal India Limited through its R&D Board support research and development activities for improvement in production, productivity and safety in coal mines, coal beneficiation and utilisation and protection of environment and ecology. Funds are being earmarked annually by the Ministry of Coal and CIL to carry out research work on the above subjects in coal and lignite sector. Standing Scientific Research Committee (SSRC) under the Chairmanship of Secretary (Coal) is the Apex Body to administer coal related research activities from Budgetary Support and research grant of Coal India is administered through CIL R&D Board under the Chairmanship of Chairman, CIL. Central Mine Planning and Design Institute (CMPDI) is the nodal agency for coordination and monitoring S&T Plan Schemes and CIL R&D projects. These projects are being implemented by various research and academic institutes related to coal and allied industries with active participation of coal and lignite mining companies. Besides being the nodal agency, a number of research projects have also been implemented / are being implemented by CMPDI directly.

The status of Coal S&T Projects funded by Ministry of Coal under Coal S&T Grant during the XI Plan and XII Plan period (till 31.12.2012) is given below:

Table 4.4
Status of Coal S&T Projects

LAN YEAR	XI Plan					XII Plan	
	07- 08	08-09	09 -10	10-11	11-12	12-13	13-14 (Projected)
Spill over projects from previous year	36	34	28	23	16	14	14
Projects sanctioned during the year	09	05	07	02	06	04	05
Projects on-going during the year	45	39	35	25	22	18	19
Projects completed during the year	10	10	10	08	07	03 (till 31.12.12) + 01*(expected)	03
Projects terminated/ foreclosed during the year	01	01	02	01	01	-	-
On – going projects	-	-	-	-	-	14	-

* 1 project is expected to be completed by the end of March, 2013.

4.4.2 Promotional (Regional) Exploration in Coal & Lignite

GSI, MECL and CMPDI are continuing Promotional Exploration in XII plan under the MoC's plan scheme of Promotional Exploration for Coal & Lignite. The summary of Promotional Drilling carried out in Coal & Lignite sectors in 2011-12 and programme for 2012-13 & 2013-14 are given below:

Table 4.5
Status of Promotional Exploration in Coal & Lignite

Command Area	<i>(Drilling in meters)</i>			
	2011-12 Actual	2012-13 BE	2012-13 Proposed RE*	2013-14 Proposed BE*
Physical:				
1. Drilling in C.I.L. Command Area	34930	45000	31000	73500
2. Drilling in S.C.C.L. Command Area	9228	13000	7000	15500
3. Drilling in Lignite Areas	49564	53000	53000	64000
TOTAL	93721	111000	91000	153000

* Achievement of target depends upon timely availability of forest clearance to take up drilling in forest areas, local support and occurrence of lignite in identified blocks. These targets were

fixed keeping in view the higher projections of fund requirements. However, the actual funds made available are not adequate and CMPDIL will need bridging loan from CIL to achieve these targets.

Note: 1) During the period April to December 2012, a total of 77,152m of promotional drilling has been carried out. Out of it, 26,992m has been drilled in CIL command area, 6,046m in SCCL command area and 44,115m in lignite areas. A total of 11 Geological Reports on coal (7) and lignite (4) exploration have been submitted during the period.

2) Under ICRIS project (CMPDI), processing of data for creation of Geological models is in progress and models of 13 zones have been prepared during the period April to December, 2012. Updation of database with new data and updation of data collected earlier are under process.

3) Under ILRIS project (NLC), UNFC classification of reserves of 147 blocks has been done. Salient features of 65 blocks have been completed and 10 GRs uploaded during the period April to December, 2012.

4) CMPDI and GSI have collected samples from 4 and 1 boreholes, respectively, for CBM studies during the period April to December 2012. The analysis of collected samples was under progress.

4.4.3 Detailed Exploration in non-CIL Blocks

CMPDI is continuing the Detailed Exploration in CIL & Non-CIL blocks as per the programme. The exploratory drilling in Non-CIL/Captive Mining blocks is taken up under the MoC's plan scheme of Detailed Drilling in Non-CIL Blocks.

The details of actual drilling in Non-CIL/Captive Mining Blocks in 2011-12 and programme for 2012-13 & 2013-14 are given below:

Table 4.6
Status of Detailed Exploration in non-CIL Blocks

Agency	<i>(Drilling In meters)</i>			
	2011-12 Actual	2012-13 BE	2012-13 Proposed RE*	2013-14 Proposed BE*
Physical:				
1) CMPDI Departmental	55230	52900	70500	75000
2) Outsourcing by CMPDI & MECL	166648	122000	209000	375000
TOTAL	221878	174900	279500	450000

* Achievement of target depends upon timely availability of forest clearance to take up drilling in forest areas, local support and availability of suitable agencies for exploration in future tendering. The projected requirement of funds was higher for these targets. However, since the actual funds becoming available may not suffice the requirement and CMPDIL may need a bridging loan from CIL to meet these targets.

Note: During the period April to December 2012, a total of 1,51,346m of detailed drilling has been carried out in Non-CIL blocks. Out of it, 49,520m has been drilled through departmental resources and 1,01,826m of drilling has been carried out through outsourcing. GR of one block has been submitted during the period.

4.4.4 Environmental Measures and Subsidence Control

The objective of this scheme is to improve the environmental conditions in the old mined out areas of Jharia and Raniganj Coalfields by addressing fire and subsidence problems.

Major thrust areas in EMSC during the XI Plan period are the following:-

- (a) Control of subsidence in the old, abandoned waterlogged workings in Raniganj Coalfields.
- (b) Control of mine fires and subsidence in Jharia Coalfields.

- (c) Reclamation of mined-out areas in older coalfields like Raniganj, Jharia, Bokaro, Karanpura, etc.
- (d) Rehabilitation of unstable and fire affected areas in Jharia and Raniganj Coalfields.

4.4.5 Master Plan for Jharia and Raniganj for Subsidence and Fire Control and Rehabilitation Programme.

Government has also revised the carpet area of dwelling units as per JNNURM norms for families to be rehabilitated under the Master Plan for dealing with Jharia and Raniganj Fire Subsidence Control. The implementation of the Master Plan for Jharia and Raniganj Coalfields is being monitored by the High Powered Central Committee (HPCC) constituted by this Ministry under the chairmanship of Secretary (Coal). So far, seven meetings of the Committee have been held. More than 50% of demographic survey work has already been completed for rehabilitation of the affected persons. In BCCL area 2352 houses have been constructed, in which 1151 families have been shifted till 31-12-12. For shifting of BCCL employees 344 houses have been built and another 1152 triple storied quarters are under construction in various non-coal bearing zones. Further, Demographic Survey of 106 locations has been completed out of 141 identified unstable locations in Raniganj Coalfield Area under ECL.

4.4.6 Conservation & Safety in Coalmines and Development of Transport Infrastructure under CCDA.

Under these schemes expenditure incurred by coal companies is reimbursed partially as per the statutory provisions under the Coal Mines (Conservation and Development) Act, 1974 primarily to ensure conservation of coal with related safety aspects of the coal mines and also to facilitate smooth movement of the coal to the consumers at large through infrastructure development. The said Act empowers Central Government to collect duty of excise on all coal produced and despatched from all the collieries in India (actually paid by the consumers) and to disburse, in each financial year, a sum not exceeding a net proceeds from such collection during preceding year or years, to owners, agents or the managers for execution of stowing and other operations for the safety in coal mines or conservation of coal, prosecution of research work connected with the conservation of coal or

development of coal mines and any other purpose connected with the conservation of coal or transportation, distribution or utilising of coal. The principal objective of the Act is to collect excise duty on coal for disbursing the same in total back to the coal mines for conservation and development related works including infrastructure development.

The examination and scrutiny for reimbursement are done by a duly constituted 'Coal Conservation and Development Advisory Committee' (CCDA Committee) as per the provisions of Coal Mines (Conservation & Development) Rules, 1975. The Government partially reimburses (rest being borne by Coal Companies) these amount to the coal companies through budget provision taking into account the liability already existing during the preceding financial year. The requirement is assessed by the CCDA Sub-committee, followed by the CCDA Committee.

4.4.7 Development of North Eastern Region/Sikkim

As per relevant instructions on the subject, 10% of the Plan Outlay is required to be earmarked for Development of North Eastern Region/Sikkim. If the amount is not spent, the same is transferred to the Non lapsable pool of the Central Government.

4.4.8 Provision for Tribal Sub Plan

As per relevant instructions on the subject, 8.20% of the Plan Outlay is required to be earmarked for Development of Tribal Areas. If the amount is not spent, the same is transferred to the Non lapsable pool of the Central Government.

4.4.9 Projects Implemented by PSUs from their Internal and Extra Budgetary Resources (IEBR)

The projects are implemented by Coal PSUs using their own Internal and Extra Budgetary Resources (BEBR) and the Government does not provide any Budgetary support to them. The statement showing company-wise and project-wise status and details of projects costing Rs.100 crores and above are given in the **Annexure**.

ANNEXURE (Referred in Chapter IV Point No.4.4.9)
STATUS OF ON-GOING PROJECTS COSTING RS. 100 CRORES AND ABOVE IN COAL INDIA LIMITED AS ON 31.01.2013

SUB	SI	PROJECT	TYPE	Capacity (Mty)	Capital (Rs. Crs.)	SANCDDT	Completion date		Grade	Linkage	Production Act			REMARKS
							Sch. Compl	ANT Compl			Act 2010-11	Act 2011-12	BE 2012-13	
ECL	1	NARAINKURI	UG	0.54	149.06	6-Feb-09	Mar-15	Mar-17	C	Basket	0.00	0.00	0.00	EC - EIA/EEMP being prepared by CMPDI. Other reasons - Likely to be delayed due to shaft sinking. In Pre-bid meeting for issue of NIT for shaft sinking, prospective bidders proposed change in scope of work. Estimate for manual sinking of shaft is under preparation under consultation with CMPDI.
ECL	2	JHANJIRA 2ND CM (UCE)	UG	0.51	147.20	13-May-11	Mar-15	Mar-15	B/C/D	Basket	0.00	0.00	0.00	Application made on 28.08.09 under CBA Act for acquisition of 229.20 Ha land. Applied for notification under Sec 9 (1) in Jan-12. EC : Included in Cluster 12, EIA/EEMP being taken by CMPDI. Contract agreement for CM was signed with M/s Bucyrus DBT GmbH on 14.06.12.
ECL	3	SARPI(RCE)A UG.	UG	0.76	147.86	10-Jun-08	Mar-11	Mar-13	B	Power, Cement, Brick	0.37	0.60	0.60	Fresh Application again made on Jun-09 under LA act for acquisition of 91.90 Ha land. Fresh proposal resubmitted on 22.06.10 as per advice of LA Collector, Burdwan.
ECL	4	JHANJIRA PSL W/(R-VI)	UG	1.70	287.17	3-Nov-06	Mar-10	Mar-15	B	NTPC	0.00	0.00	0.00	EC - Awaiting PH. Application made on 28.08.09 under CBA Act for acquisition of 229.20 Ha land. Applied for notification under Sec 9 (1) in Jan-12. Other reasons - Project is delayed due to delay in signing of agreement by M/s CODCO.
ECL	5	RAJMAHAL EXPN(17)	OC	6.50	153.82	22-Sep-09	Mar-14	Mar-14	F	Kahalga on & Farakka	2.35	2.73	2.60	For rehabilitation of PAFs, 114.79 acres (46.45 Ha) land at Ranidih notified on 24-02-05 under LA Act. Against demand, 80% adhoc payment amounting to Rs. 60 Lakh was deposited with Dy. Commissioner, Godda on 1-8-05. Since then despite regular follow up at various levels, acquisition process could not be completed. It has now been communicated vide letter no. 118/LA, dated 10.03.12 that as land acquisition was not completed within time schedule the proposal stands rejected. Action is being taken for fresh application.

ECL	6	KOTTADIH CM (PR PH-1)	UG	0.60	127.17	13-May-11	Mar-16	Mar-16	A/B/D	Basket	0.00	0.00	0.00	0.00	Global Tender for Continuous cutting machine was cancelled in view of inclusion of R-V seam and heightening and widening of R-VI seam. EC- obtained in 1986. However, modified TOR obtained on 02.12.11 under cluster no. 12 for a capacity of 1 Mty. Action for data generation & EIA/EMP being taken by RL-I, CMPDIL.
ECL	7	CHITRA EAST(2.50 Mty.)	OC	2.50	112.69	31-Aug-07	Mar-11	Mar-16	D	NTPC	1.40	1.50	1.50	1.50	109 Ha forest land pending for Stage I clearance at State level due to NOC under FRA. Another 124.28 Ha forest land pending for Stage II clearance at MoEF, New Delhi for submission of the document regarding transfer of land identified for compensatory afforestation. JB Land : Rs 31.60 Cr deposited. Govt demanded signing of agreement for the said acquisition which was struck down by Honble High court passing a final order on 17.04.12 not to insist signing any such agreement. Gochar Land : application made on 27.06.11 for 27.83 Ha. Proposal pending with CO Palajori & Sarat. Govt Land: application made on 27.06.11 for 61.78 Ha. Proposal pending with CO Palajori & Sarat. Applied for FC to DFO, Durgapur on 18.07.12.
ECL	8	SONEPUR- BAZARI COMB.	OC	8.00	1055.05	7-Aug-12	Mar-17	Mar-17	C	Basket	1.35	0.00	0.00	1.50	Applied for FC to DFO, Durgapur on 18.07.12.
BCC L	9	KAPURIA BLOCK	UG	2.00	988.35	12-Aug-11	Mar-17	Mar-17	COK- W-II	Intg.Was h	0.00	0.00	0.00	0.00	Draft EMP under preparation.
BCC L	10	MOONIDH XV SEAM	UG	1.50	1230.27	12-Aug-11	Mar-18	Mar-18	COK- W-II	Intg.Was h	0.00	0.00	0.00	0.00	EAC meeting on 17.07.2012 & agreed by EAC for EC.
BCC L	11	MURADIH- CM SM- 111/11/1	UG	2.00	339.88	14-Feb-11			NLW	Wash & Power Plant	0.00	0.00	0.00	0.00	FC - 29.75 Ha: Waiting for Stage-I clearance at State level for FRA.
BCC L	12	BLOCK-II UG CM(II SM)	UG	0.45	113.37	22-Dec-09	Mar-14	Mar-14	D	Power sector	0.00	0.00	0.00	0.00	EAC meeting held on 17.07.2012 & agreed by EAC for EC. Other reasons - LOA issued in favour of M/s. Minop Innovative Technologies (P) Ltd on 24.03.2012. The agreement has been signed on 03.03.2012 for FSA.
CCL	13	PURNADIH	OC	3.00	210.98	2-Jul-08	Mar-13	Mar-14	F	Power (Captive)	0.64	1.56	1.60	1.60	296.48 Ha pending for Stage-I clearance with State for NOC under FRA. Land - 50 Ha will be taken from village Kutki (Jamdih tola). Part payment made. Balance land compensation approved. Interest portion note as demanded by villagers has not been agreed to. Finalization of employment proposal of 117 persons waiting for genealogical chart. To be submitted.
CCL	14	RAJRAPPA (RCE)	OC	3.00	510.85	23-Dec-09	Mar-16	Mar-16	WG-II	Washery	1.10	1.13	1.70	1.70	277.15 Ha pending for Stage-I clearance with State for NOC under FRA.

CCL	15	PAREI/EAST	UG	0.51	128.89	27-May-08	Mar-12		W/I- W/II	Basket	0.00	0.00	0.00	86.09 Ha pending for Stage-I clearance with State, 43.52 Ha pending for Stage-I at State level. EC - PH held on 16.02.12. Final EMP under preparation.
CCL	16	MAGADH EXPN.	OC	20.00	706.40	23-Aug-08	Mar-13	Mar-16	F	NKSTPP	0.00	0.00	0.00	Implementation of the project affected due to delay in possession of acquired land as demand for compensation by villagers is beyond the norms as well as lack of evacuation facility.
CCL	17	ASHOK EXPN.(10 MTY)	OC	10.00	341.63	31-Dec-07	Mar-11	Mar-13	F	Basket	8.03	7.72	8.70	Likely to be delayed due to delay in forestry clearance and commissioning of Rly siding.
CCL	18	TAPIN	OC	2.50	264.68	23-Aug-08	Mar-12	Mar-14	W-III	Basket	0.55	0.61	1.30	213.52 Ha pending for formal handover of site. Site hand over letter issued by Nodal Officer, Jharkhand to RCCF - Hazaribagh, CF- Bokaro and DFO, Ramgarh on 14.08.12
CCL	19	ROHINI EXPN.(EPR)	OC	2.00	105.67	29-Sep-08	Mar-11	Mar-14	E	Power (Captive)	0.82	0.70	0.80	74.81 Ha pending for Stage-I clearance. Gram Sabha completed. FRA issued. Stage-I clearance is expected soon.
CCL	20	NORTH URIMARI	OC	3.00	179.87	31-Dec-07	Mar-12	Mar-14	C	Basket	0.32	0.34	0.60	Finalization of alignment of Railway Siding and award of work for initial survey of the same being done. Proposal for site hand over has been forwarded to Seey (Forest),GOJ by PCCF on 01.08.12. Scheme for compensation of 59 houses & lump sum payment of Rs 3 Lakh (Earlier Rs 1 Lakh) for 29 families as per R&R Policy & rest in deviation to the R&R policy 2012 has been proposed and under approval.
CCL	21	CHURI-BENTI CM	UG	0.81	165.51	31-Aug-07	Mar-11	Mar-14	N(LF)	Basket	0.08	0.06	0.09	Stage II clearance for 312.75 Ha received vide letter dated 12.10.10. Application for release of 65.84 Ha submitted on 16.09.10. Handing over of site is awaited. Old NIT for CM package cancelled. New NIT on hiring basis prepared by CMPDI. Pre NIT meeting held on 31.01.13.
CCL	22	URIMARI(EPR)	OC	2.00	143.57	21-Jan-09	Mar-11	Mar-14	D	Power (Captive)	2.04	2.25	2.00	Application submitted on 24.04.09, FRA received. Nodal Officer forwarded the compliance of queries of MOEF to PCCF, Jharkhand on May/12. Proposal forwarded to Seey (Forest), GOJ on 25.7.12. Stage-I expected soon. EC - EC received on 16.02.2012.
CCL	23	KARMA	OC	1.00	162.46	4-Jun-09	Mar-14	Mar-14	D	Basket	0.38	0.46	0.60	FC - Date of Stage-I clearance is 03.01.11 for 3.16 Ha of forest land . FRA received. Payment of forest compensation has been made on 28.06.2011 & 06.07.2011 and compliance of conditions of Stage I clearance submitted to DFO, Ramgarh on 19.07.2011. It is being forwarded to MOEF for Stage-II clearance.
CCL	24	GOVINDPUR PH-II	OC	1.20	142.11	23-Dec-09	Mar-13	Mar-14	F	Basket	1.01	0.91	1.20	Project is running on schedule

CCL	25	AMRAPALI	OC	12.00	858.11	13-Feb-12	Mar-19	Mar-19	F	BARH STPS	0.00	0.00	0.00	No. of PAPs to be rehabilitated - 451. Compensation assessed as per Act, but tenants refused to accept demanding higher compensation. Fresh proposal in light of revised R&R policy of CIL is to be put up to Company's Board, after finalization with PAFs. Evacuation facility to be created.
NCL	26	NIGAHI EXPN.PH-11(15MTY)	OC	15.00	2105.89	29-Mar-12	Mar-12	Mar-15	C,D,E	VSTPP	12.02	10.88	14.00	Project delayed due to Delay in construction of CHP and Railway siding.
NCL	27	KRISHNASILA (RPR)	OC	4.00	741.62	28-Jun-11	Mar-13	Mar-13	D,E	Renusagar	3.57	4.00	4.00	Stage-II clearance was obtained from MoEF on 12.06.06. UP State Forest Deptt. not handing over balance land demanding execution of lease deed though tree cutting & transportation work was completed in May'2009. NCL appealed to Allahabad High Court and verdict given in favour of NCL. Land is urgently required for planned progress of the Project.
NCL	28	AMLOHRI EXPN	OC	10.00	1670.65	5-Dec-09	Mar-16	Mar-16	D-G	RHSTPP	5.37	6.58	8.00	Project is running on schedule
NCL	29	BLOCK-B (RPR)	OC	3.50	535.10	28-Jun-11	Mar-15	Mar-15	C-F	Basket	3.81	4.01	4.00	Project is running on schedule
NCL	30	BINA EXTN.OC	OC	6.00	337.61	22-Nov-06	Mar-14	Mar-14	E	MISC	6.00	6.00	6.00	Balance 279 Ha in MP State: Cost of tree felling paid to Forest Deptt. Marking and counting of trees in 100 Ha completed by Forest Deptt. Tree felling is going on in 50Ha land. Land is required in 2013-14. Balance 22 Ha in UP State Land is urgently required (before Mar-13). All payment for tree felling made. UP State Forest Deptt. is not handing over the land due to non-execution of lease deed. NCL appealed to Allahabad High Court and verdict given in favour of NCL. Land is urgently required for planned progress of the Project.
NCL	31	KHADIA EXPN.	OC	10.00	1131.28	28-Jun-11	Mar-18	Mar-18	C,D	Anpara-B	4.39	4.65	4.50	FC - Balance 180Ha Forest Land: Stage-II clearance was issued on 14.09.2010. 38 Ha. land handed over. For further advancement of mine and development activities, balance 142 Ha forest land is also required. R&R Issues: 743.73 Ha Tenancy land acquisition delayed due to associated problem. R&R EC: Final EIA/EMP submitted on 21.07.2012. EC recommended in EAC meeting dated 06.11.2012. Letter awaited.
WCL	32	PENGANGA	OC	3.00	339.77	23-Oct-08	Mar-12	Mar-15	F	Misc	0.00	0.00	0.00	R&R Issues: 743.73 Ha Tenancy land acquisition delayed due to associated problem. R&R EC: Final EIA/EMP submitted on 21.07.2012. EC recommended in EAC meeting dated 06.11.2012. Letter awaited.
SECL	33	AMLAI EXPN.SEC-B	OC	1.50	198.59	10-Nov-09	Mar-16	Mar-16	C	Thermal Power	0.69	0.58	0.69	FC: 166.92 Ha pending for Stage-I clearance at State level and 32.45 Ha pending for Stage-I clearance at MoEF. EC obtained under Dhapuri-Amlai group of mine.

SECL	34	MANIKPUR EXPN.	OC	3.50	321.50	11-Nov-09	Mar-14	Mar-14	Thermal Power	2.87	2.56	2.00	181.18 Ha forest land pending for Stage II clearance at State level - necessary payment of diff. amount of CA & PCA has been made. EC - Awaiting EAC meeting for 3.5 Mty.
SECL	35	BAROUD EXPN(RAI WEST)	OC	3.00	135.58	5-Jul-08	Mar-15	Mar-15	Power, Misc	1.44	3.34	1.00	FC - 236.56 Ha forest land pending for Stage I clearance at State level for NOC under FRA.
SECL	36	KUSMUNDA EXPN.-II	OC	15.00	1188.31	13-Jun-08	Mar-13	Mar-13	Power	14.56	15.00	15.00	Regarding regularization of 324.84 Ha & 72.424 Ha Forest Land of Kusmunda Area, NOC under FRA issued by Collector, Korba on 8.11.11. Gram sabha resolution of one village is pending. Regarding 40,544 Ha balance forest land as per (10 - 15 Mty) Expn. PR of Kusmunda OCP, Collector issued NOC under FRA on 8.11.11 which has been submitted to CCF (LM) CG by Area on 17.11.11. NOC for use of Revenue Forest land for non-forestry purpose is pending with Collector, Korba.
SECL	37	GEVRA EXPN (35 MTY)	OC	35.00	2675.67	17-Jun-10	Mar-14	Mar-14	Power, Misc	35.00	35.00	35.00	126.34 Ha forest land pending at State level stage I for NOC under FRA and R&R plan of tenants, two proposals of 46.20 Ha & 192.05 Ha forest land pending for clearance at MoEF level stage II and one proposal for 564.86 Ha pending for payment of difference of CA & PCA at new rates.
SECL	38	BATURA OC	OC	2.00	203.82	9-Sep-08	Mar-15	Mar-15	Misc	0.00	0.00	0.00	FC - 76.84 Ha forest land pending for Stage I clearance at State level. EC - Fresh application is to be made after finalization of new PR.
SECL	39	JAGANNATHPUR(MAHAN-III&IV)	OC	3.00	152.43	9-Sep-08	Mar-15	Mar-15	Misc	0.00	0.00	0.00	EC - Form-I to be submitted after registration of forest land application. FC - 126.431 Ha required. Pending for NOC under FR Act.
SECL	40	CHURCHA RE-ORG	UG	1.35	462.35	13-Jun-08	Mar-14	Mar-14	Power	1.33	1.24	1.40	FC - 238.21 Ha forest land pending at State level stage I for NOC under FRA, 2600.30 Ha, forest land pending for clearance at State level stage II after depositing diff. amount of CA. EC - Approved for 2.10 Mty peak capacity on 05.05.12
SECL	41	PELMA	OC	10.00	448.32	30-Jul-08	Mar-15	Mar-15	Power	0.00	0.00	0.00	Project is to be recast. Expansion PR of 15 Mty is under process of approval dovetailing 10 Mty PR. FC - Total 322.86 Ha forest land required. Land records collection for application is in process. EC - Fresh TOR meeting held on 23.05.11. EAC has asked to submit application after necessary modification in Mining Plan. Pending with SECL.

SECL	42	DIPKA EXPN. (20-25 MTY)	OC	25.00	1943.66	22-Dec-09	Mar-14	Mar-14	E	Power	25.00	25.00	25.00	148.87 Ha forest land pending at State level stage II for FRA, 33.84 Ha forest land pending at State level stage II for NOC under FRA & 206.64 forest land pending at MoEF level stage II for final clearance payment of difference in values of CA & PCA and modifications in area of proposal.
SECL	43	KARTALI EAST	OC	2.50	178.44	30-Jul-08	Mar-14	Mar-14	C/E	Misc	0.00	0.00	0.00	722.22 Ha land notified u/s 9(i) of CBA Act on 23.2.11. Notification u/s 11(i) issued on 24.09.11. Land records are under collection for preparation of statement V & VI. FC – Gram sabha resolution and Collector's NOC under FRA 2006 are pending. Tree counting to be done for preparing the proposal. EC - Final EMP will be submitted after securing first stage Forest clearance, without which EC will not be granted by MOEF.
MCL	44	BHUBANESW ARI OCP	OC	20.00	490.10	22-Dec-07	Mar-17	Mar-17	D-G	Basket	3.27	7.11	10.00	Stage-II clearance for 112.52 Ha obtained on 16-12-04 (first 25 years). Tree enumeration in 86.866 Ha completed. Tree felling is completed in 12 Ha. 68.91 Ha possessed. Balance to be possessed as per schedule.
MCL	45	KANIHA OCP	OC	10.00	457.77	22-Dec-07	Mar-13	Mar-13	D-G	Basket	0.02	0.34	2.00	FC - 167.7 Ha Demarcation of Mining area & Pillar posting is complete. C.A. identified, Pillar posting not yet started by Forest Department & User agency. Tree enumeration is complete. Gramsabha Meetings were convened in 4 villages. Gramsabha resolution with signature is complete in 3 villages. The villagers of Jarada refused to sign their consent. NOC will be issued by Collector after submission of Gramsabha resolution. Site inspection by D.F.O. done. Work order has been already issued to consultant for Preparation of Wild life Scheme/Conservation Plan. Estimate for survey for preparation of DGPS map submitted by ORSAC and has been approved. Demarcation & pillar posting for survey is complete. MGR by NTPC still under construction affecting coal evacuation restricting production

MCL	46	GOPAL PRASAD	OC	15.00	395.87	9-Feb-08	Mar-15	Mar-15	D-G	Basket	0.00	0.00	0.00	FC - 85.66 Ha Applied for stage-I on 17.12.2009 (state sl no-552/09). Proposal pending with RCCF, Rourkela for NoC and DGPS maps. Gramsabha complete in all 10 Villages (7 in Angul subdivision and 3 in Talcher subdivision). Resolution along with signatures has been submitted to Sub Collectors, Angul & Talcher. Resolution cleared by SDLCs on 05.10.12. Forwarded to DLC, Angul for necessary clearance and subsequent issuance of NOC by collector. The DGPS survey is yet to be completed as it is being obstructed by the villagers. EC - Further consideration by EAC held on 09/01/13. Clearance will be given after clearance of Forest land.
MCL	47	BALARAM EXTN.	OC	8.00	172.08	22-Dec-07	Mar-10	Mar-15	F/G	Basket	4.55	5.56	6.00	FC - Application 3.72 Ha, has been submitted to CCF (N) in December-08. Mining Plan approved on 28.08.09. Applied to Collector, Angul for issue of NOC under ST&OFD Act- 2006. Presently it has been decided to drop this proposal and the same will be club along with the diversion proposal of 15 My Expansion project which is approved in principle. (Stage-I approval) EC - Revised Form-I for Extn project (20 My) as per amended guidelines of MOEF sent on 25/07/12. EAC meeting awaited.
MCL	48	ANANTA EXPN,PH- III(15 MTY)	OC	3.00	207.28	31-Aug-08	Mar-12	Mar-14	E/F/G	Basket	0.00	2.00	0.00	Proposal for Stage-I forestry clearance of 224.73 Ha submitted to CCF (NODAL) on 19.04.10 Demarcation of Mining area & Pillar posting: Completed. CA site identified and scheme prepared. Will be submitted to DFO, Angul. Tree enumeration : Completed. Gramsabha Resolution is in progress. Out of 10 villages, signature of 9 villages completed. For rest one village, work is going on and resolution is expected to be submitted by end of Sept-12. Wild life management plan submitted to DFO on 12.06.2012. DGPS survey completed on 21.3.2012 by SPARC, Digitized Maps has been authenticated by ORSAC on 21.05.12 and submitted to DFO, Angul on 12.06.2012 for authentication by DFO. EC - EAC meeting held on 17/12/12. Minutes uploaded on 17/01/13. EC recommended by EAC subject to FC. Stage-I clearance of forest land in Extension area in process.

MCL	49	HINGULJA EXP.N.PH-III	OC	7.00	479.53	30-Nov-08	Mar-13	Mar-13	E/F/G	Basket	0.78	0.00	0.00	FC - Applied on 03.02.11. Stage-I clearance for 435.15 Ha is pending for NOC under FRA & authenticated digitised map. Gram Sabha resolution complete in all 10 villages. Resolution cleared by SDLG on 05.10.12 and forwarded to DLC. Preparation of Wild Life Scheme/conservation Plan is under process for outsourcing. DGPS field survey by ORSAC completed on 21-05-2012. Authenticated DGPS plan submitted to DFO, Angul on 03-07-2012. EC - EAC meeting held on 17/12/12. Minutes uploaded on 17/01/13. Additional information desired by EAC.
MCL	50	TALABIRA	OC	20.00	447.72	29-Mar-08	Mar-16	Mar-16	A-G	Basket	0.00	0.00	0.00	FC : 1038.187 Ha - Stage-I forestry proposal resubmitted to CCF(N) on 26-05-10. Work was entrusted to M/S CEMC on 4.11.2010. As suggested by DFO, Sambalpur (N), recast forestry proposal for 1038.136 Ha submitted on 15.11.11. Gramasabha Resolution with signature completed in all 5 villages. NOC issued for 4 villages of Jharsuguda district on 22.09.12. NOC for one village of Sambalpur district issued on 07.11.12. CA area identified. DGPS Field Survey is complete. DGPS Map submitted to ORSAC on 12.10.12. Awaited for site inspection by DFO. EC - Final EIA/EMP submitted. Director, MoEF has vide her letter no.11015/215/2007-IA.III(M) dt: 28/06/11 informed that the project area fall under "NO-Go Area" and has sought for boundary modification. Modified mining plan has been submitted to MOC on 11.10.2011. After GOM letter dt 20/09/11 deciding to do away with Go-no-go concept, request letter has been sent for EAC meeting. In the EAC(T&C), meeting held on 16/07/12, Director , MOEF clarified that though the concept of Go-no-Go has been scrapped a new concept of "in-violate" area has been introduced. Further Consideration by EAC(T&C) held on 09/01/13. Minutes awaited.
MCL	51	BHARATPUR PH-III	OC	9.00	131.39	12-Feb-07	Mar-10	Mar-17	E/F	CPP/ Basket	2.34	3.83	3.00	Forest land: Forest diversion proposal for 134.95 ha land submitted in 2004 and finally resubmitted to PCCF, Govt of Orissa in Oct-09. Collector issued NOC on 05.11.2011. CCF (N), BBSR on dated 27.06.12 requested to obtain the NOC from Collector, Angul for area not covered under FRA ie 0.18 Ha-Safety Zone and same has been requested to Collector, Angul on 03.07.2012. In a meeting on 21.08.12 between Advisor (E&F), CIL and PCCF, Bhubaneswar it was decided

MCL	52	KULDA	OC	10.00	302.96	12-Jan-05	Mar-12	Mar-14	E/F	Basket	5.02	5.54	5.00	to adjust the same within the already approved forest area. The modified proposal including the 0.18 ha safety zone area submitted to CCF(Nodal) on 28.08.12 by DFO, Angul, forwarded to F&E department Govt of Orisa on 17.09.12. Submitted to MoEF on 16.10.12. Pending for inspection report of CCF, Eastern Regional office, BBSR. Inspection scheduled on 08.01.13. Likely to be delayed due to delay in FC and R&R problems.
														Stage-I forestry clearance for a total area of 227.89 Ha on 22.01.2002 for a period of 20 years of the project obtained. Stage-II forestry clearance has been obtained on 08.08.07. Tree felling work (1st phase for 967 trees) completed by OFDC. Royalty and tree falling cost has been paid to concerned State Govt. deptt. Till date 64 Ha forest land has been physically possessed. Tree enumeration is in process for handing over the land in 2nd phase.

**STATUS OF COMPLETED /ON-GOING PROJECTS COSTING Rs. 100 CR. AND ABOVE IN NEYVELI LIGNITE CORPORATION LIMITED (NLC)
STATUS OF THE NEW/ ONGOING PROJECTS COSTING Rs 100 Cr AND ABOVE IN NLC**

SL. No	Name of the Project	Capacity	Sanctioned cost & RCE I & II	Month & year of sanction	Grade of coal linkage	#Expr. Up- to Mar'12	BE 2012-13	Actual Apr- Dec'12	RE 2012-13	BE 2013-14	Status of the project as on 31-12-2012
Recently Commissioned Projects											
1	Mine II Expansion	4.5 MTPA	2161.28 2295.93 2125.83	Oct'04 July'08 Apr'12	<u>Lignite:</u> TPS II Expansion	1925.70	45.00	24.40	47.31	55.01	The Project has been commissioned on 12-03-2010 (C.O.D) - The fund requirement is for the final payment and for GWC & SWC items procurement.
2	Mine at Rajasthan	2.1 MTPA	254.07 254.60 218.05	Dec'04 Aug '09 Mar'12	<u>Lignite:</u> TPS at Rajasthan	207	11.40	0.85	5.69	5.36	Lignite production commenced in Nov' 2009 and attained full capacity level on 31.01.2010. This year the production of Lignite has gained momentum as the linked Plant BP TPS-II has been commissioned.
3	TPS at Rajasthan	2 x 125 MW	1114.18 1629.09 1868.71	Dec'04 Aug'09 Mar-12	<u>Power:</u> Mine at Rajasthan	1749.91	65.00	8.65	65.00	53.80	Both units have been commissioned. Unit II on 29.12.2011 and Unit I on 20.01.2012. The fund required is for main package, 220 KV switch yard and RCC Chimney & Cooling tower.
Projects under Implementation											
4	TS II Expn	2 x 250 MW	2030.78 2453.57 3027.59	Oct' 04 July' 08 April' 12	<u>Power:</u> Mine II Expansion	2394.54	185.00	141.65	245.06	305.79	The Project is delayed due to the non completion of Erection & Commissioning by the supplier "BHEL", the Major contractor of the Main Plant. The Unit-I and Unit-II of the TPS-II Expn. are anticipated to commence from June, 2013 and Sep' 2013. Plan fund sought is for Main package balance payment & IDC.
5	NTPL-TPS at Tuticorin	2 x 500 MW	4909.54 6540.93	12.05.2008 RCE yet to be approved	<u>Power:</u> (coal based)	2768.27	950.00	941.34	1,200.00	900.00	Activities for Main Plant packages, Coal Handling System package, CWS package, DM Plant, Chimney, Coal Handling System etc. are in progress.. As on Dec. 2012 , the physical progress is 66.87%. The Units are expected to be commissioned in Dec. 2013 and March, 2014.

6	NNTPS (Neyveli New TPS)	2 x 500 MW	5907.11	09.06.2011	Power: Mine- I & Expn and Mine 1A	14.47	250.00	10.59	41.39	415.00	As per sanction, the commissioning schedule is June 2015 & Dec.2015. As the SG package was re-tendered, the anticipated scheduled CODs are postponed to February, 2017 and August, 2017. The fund required is for civil works, diversion of Roads and advance payment of contracts to be awarded.
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As part of NLC's growth plan, it is proposed to go for non-conventional Energy like Wind Power and Solar Power. An investment of Rs.133.19 crore for implementing Solar-Power-10 MW and Rs.364.75 crore for Wind Energy has been planned. A considerable fund (Rs.142.23 crore and Rs.200 crore in RE 2012-2013 & BE 2013-2014) has been allocated for UP Coal Based Power Project [Neyveli Uttar Pradesh Power Project], as the PIB approval of the project is expected shortly.

Status of on-going projects costing Rs.150 Crores & above in SINGARENI COLLIERIES COMPANY LIMITED as on 31.12.2012

Sl No	Name of the Project /company and Location of the project	Capacity Mty	Total Capital Outlay (Rs Crs)	Net Sanctioned Cost (Rs Crs)	Date of sanction Schedule of completion Anticipated Completion	Grade of coal linkage	Actual production 2011-12 (MT)	Target as per FR 2012-13 (MT)	BE/R E 2012-13 (MT)	Actual upto Dec'12 (2012-13) Prod (MT)	BE 2012-13 (RS Crs)	Expenditure till Dec 2012 (Rs Crs) (Prov.)	Status
01	Adriyala Shaft RCE Project-UG	2.81	846.06	779.26	24.12.09 Sep-2012 July-2014	C,D,E Basket Linkage	0.143	1.940	0.3130	0.132	700	424.32	The project is likely to be delayed till July'2014. Sinking of return air shaft is 477.6 m out of 482 m.
02	Shantikhan i Longwall Project-UG	1.167	303.89	249.03	09.10.06 2011-12 RFR	D, F Basket Linkage	--	1.316	0.120	0.045	2.5	49.64	In view of geological disturbances. RFR preparation is taken up. Sinking of air shaft progress is 296.6m out of 390m.
03	Jallaram Shaft Project-UG	2.285	512.87	467.78	14.09.07 2012-13 RFR	B,D,E Basket linkage	--	1.580	--	--	--	2.85	In view of geological disturbances. RFR preparation is taken up.
04	Kakatiya Longwall Project-UG	2.747	520.03	453.63	15.12.08 2012-13 2015-16	B,E,F Basket linkage	--	1.320	0.320	0.053	2.18	80.86	M/S Indu projects was issued letter of Intent(LOI) as TPO on 04.06.2011. TPO has to deploy the equipment within 16 months from effective/zero date (ie from 17.12.2011).
05	RG OC-II Extension Project	4.00	896.32	418.97	30.12.09 2011-12 2014-15	D,E,F Cost Plus linkage	2.301	4.00	2.8	0.537	57.76	122.89	Project is likely to be delayed till March'2015 due to delays in Forest land diversion.
06	RKP OCP Phase-I	1.60	129.31	209.78	29.03.10 2014-15 2014-15	D,E Basket linkage	--	1.60	--	--	3.05	29.445	Project is on schedule.
07	Manuguru OC-II Extension (Phase-II)	3.00	480.67	181.19	29.03.10 2011-12 2014-15	C,D,E ,F Basket linkage	3.671	3.00	3.00	2.635	17.24	39.34	Project is likely to be delayed till April'2014 due to delays in Forest land diversion.
08	Kistaram	2.00	143.90	242.90	01.11.10	D,F	--	--	--	--	--	--	Project is on schedule.

