

CHAPTER – IV
REVIEW OF PAST PERFORMANCE

Sector – wise Coal Demand as assessed by Planning Commission:-

4.1 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 339.30 million tones (including middling) in the terminal year of Xth Plan (2006-07) to 413.07 million tones in 2009-10. It is estimated to be 488.73 million tones for the year 2010-11(BE). The projected demand for the year 2011-12 is 520.00 million tones (As per MTA). Sector –wise total coal demand/actual supply during 2006-07 to 2011-12 (projected) is given below:-

(in million tones)

Sector	Xth Plan	XI Plan						
	(2006-07) Actual	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 BE	2010-11 RE	2011-12 Original Target	2011-12 MTA Revised
<i>I) Coking Coal</i>								
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
<i>I) Non-Coking Coal</i>								
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

4.2 Coal Production:

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

COMP ANY	(In Million Tonnes)						
	2006-07 Actual	2007-08 Actual	2008-09 Actual	2009-10 Actual	2010-11 RE	2010-11 Upto Dec. 2010 (Prov)	2011-12 (BE)
CIL	360.91	379.46	403.73	431.26	440.20	300.71	447.00
SCCL	37.71	40.60	44.54	50.43	50.50	35.30	51.00
Others	31.88	36.94	44.66	50.37	52.05	37.82	55.16
Total	430.50	457.00	492.95	532.05	542.75	373.83	553.16

Through a sustained programme of investment and greater thrust on application of modern technology, it was possible to raise the production of coal from a level of about 96 million tones at the time of nationalization of coal mines in early seventies to about 532.06 million tones (All India) by 2009-10. The targeted coal production for the year 2010-11 has been kept at a level of 538.76 million tonnes. With a view to meet the increased demand of coal, new coal mining projects and welfare activities are proposed to be taken

LIGNITE

4.3 The Production Programme for NLC for RE 2010-11 and BE 2011-12 with actual of 2007-08, 2008-09, 2009-10 and actual upto December, 2010 are given below:-

Item	2007-08 Actual	2008-09 Actual	2009-10 Actual	Actual upto Nov.2010 (Dec)	2010-11 RE	2011-12 BE
Lignite (Mt.)	21.59	21.31	22.34	16.42	21.90	23.95
Power (MU)	17457	15768	17656	12730.51	16686	18576

Review of the Plan Schemes

Research and Development Projects

- 4.4** The Government of India through Ministry of Coal's Science & Technology (S&T) Plan and Coal India Limited through its R&D Board support R&D activities for improvement in production, productivity and safety in coal mines, coal beneficiation and utilisation and protection of environment and ecology. Adequate funds are being earmarked annually by the Ministry of Coal and CIL R&D Board to carry out research work on the above subjects in coal and lignite sector.
- 4.5** Standing Scientific Research Committee (SSRC) under the Chairmanship of Secretary (Coal) is the Apex Body to administer coal related research activities and research grant of Coal India is administered through CIL R&D Board under the Chairmanship of Chairman, CIL.
- 4.6** Central Mine Planning and Design Institute (CMPDI) is the nodal agency for coordination and monitoring of Coal S&T 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.

4.7 The status of Coal S&T Projects funded by Ministry of Coal under Coal S&T Grant during the X plan & XI Plan period (till 31.12.2010) is given below:

(Rs. in crore)

PLAN YEAR	X Plan					XI Plan				
	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12 (Proj.)
Spill over projects from previous year	42	42	49	47	45	36	34	28	23	16
Projects sanctioned during the year	10	18	08	09	02	09	05	07	02	06
Projects on-going during the year	52	60	57	56	47	45	39	35	25	22
Projects completed during the year	10	10	10	11	10	10	10	10	04 (31.12.10) + 04 (Expected)	07
Projects terminated/foreclosed during the year	Nil	01	Nil	Nil	01	01	01	02	01	-
On – going projects	-	-	-	-	-	-	-	-	16	-

Promotional (Regional) Exploration in Coal and Lignite

4.8 GSI, MECL and CMPDI are continuing Promotional Exploration in XI 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 2009-10 and programme for 2010-11 & 2011-12 are given below:

(Drilling in metre)

Command Area	2009-10 Actual	2010-11 BE	2010-11 RE	2011-12 Proposed BE*
Physical:				
1. Drilling in C.I.L. Command Area	35983	70650	70650	78000
2. Drilling in S.C.C.L. Command Area	12303	14000	14000	14055
3. Drilling in Lignite Areas	61046	70350	70350	71300
TOTAL	109332	155000	155000	163355

* Achievement of target depends upon timely availability of forest clearance to take up drilling in forest areas and occurrence of lignite in identified blocks.

Note: 1) During the period April to December 2010, a total of 73,326m of promotional drilling was carried out. Out of this, 24,842m was drilled in CIL command area, 7,598m in SCCL command area and 40,886m in lignite areas. A total of 8 Geological Reports on coal (5) and lignite (3) exploration were submitted during the period.

2) Under ICRIS project, map data capture of 1656 maps has been finalized and work completed. Integration of survey of 33 blocks has been brought to a single origin. Processing of data for creation of Geological models is in progress and 6 models of zones have been prepared during the period April to December 2010. The consultancy for design & integration of database (RDBMS) for the ICRIS data has been awarded through tendering and work started from Nov. 2010.

3) Under ILRIS project, 15 number of Exploration reports were uploaded to server and geological modelling of 12 blocks have been completed during April to December '10. Compilation of seasonal reports of CGM/Gujarat for creation of database is under progress. Cost of 10 numbers of Geological Reports of DMGR has been paid but supply of reports is getting delayed. The available data of earlier reports is inadequate and may take longer time in integration.

4) CMPDI and GSI have collected samples from 8 and 3 boreholes, respectively, for CBM studies during the period April to December 2010. The analysis of collected samples was under progress.

Detailed Exploration in Non CIL Blocks

4.9 CMPDI is continuing the Detailed Exploration in CIL & Non-CIL blocks. 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.

4.10

4.11 The details of actual drilling in Non-CIL/Captive Mining Blocks in 2009-10 and programme for 2010-11 & 2011-12 are given below:

<i>(Drilling In metre)</i>				
Agency	2009-10 Actual	2010-11 BE	2010-11 Proposed RE*	2011-12 Proposed BE*
Physical:				
1) CMPDI Departmental	79504	74555	52200	56100
2) Outsourcing by CMPDI	140102	110000	139000	140000
TOTAL	219606	184555	191200	196100

* Achievement of target depends upon timely availability of forest clearance to take up drilling in forest areas and availability of suitable agencies for exploration in future tendering.

Note: During the period April to December 2010, a total of 1,75,499m of detailed drilling has been carried out in Non-CIL/Captive Mining blocks falling in CIL Command Area. Out of it, 43,563m has been drilled through departmental resources and 131,936m of drilling has been carried out through outsourcing. GR of one block has been submitted during the period.

Environment Measures and Subsidence Control

4.11 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.

4.12 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.

MASTER PLAN FOR JHARIA & RANIGANJ COALFIELDS

4.13 The problems of subsidence and fires are the result of unscientific mining carried out by the earstwhile mine owners over more than 200 years of operations in these coalfields of Jharia and Raniganj prior to nationalisation. The population living in the old mining areas has increased many times over the years, though these areas became unsafe for

habitation. In spite of the declaration of these areas unsafe by the local administration, the habitation increased unabated. The problem of subsidence and fire are being addressed by the Government from time to time. In this regard a High Level Committee was set up in December, 1996 under the Chairmanship of the then Secretary, Ministry of Coal with representatives from other Departments, Coal companies and the concerned State Governments to deal with the problem in a comprehensive manner. Based on the recommendations of the Committee a Master Plan was prepared to deal with the problems of fire and subsidence and related rehabilitation covering the areas under Bharat Coking Coal Ltd. (BCCL) and Eastern Coalfields Ltd. (ECL) in 1999 for implementation of the same in a phased manner.

- 4.14.1** Based on this, the Government has approved the Master Plan dealing with fire, subsidence and rehabilitation and diversion of surface infrastructure within the leasehold of Bharat Coking Coal Limited (BCCL) and Eastern Coalfields Limited (ECL) on 12.08.2009 at an estimated investment of Rs 9773.84 crore (Rs 7112.11 crore for Jharia Coal Field (JCF) and Rs 2661.73 crore for Raniganj Coal Field (RCF) including Rs 116.23 crore sanctioned earlier for various Environmental and Subsidence Control (EMSC) Schemes. The Master Plan is scheduled to be implemented in 10 years time and in case of BCCL two additional years for completion of pre-implementation activities. All the existing EMSC Scheme have been dovetailed into the Master Plan for Jharia and Raniganj Coal Field approved by the Government. The scheme is funded to EMSC Plan Scheme of Ministry of Coal.
- 4.15** Asansol-Durgapur Development Authority (ADDA) and Jharkhand Rehabilitation Development Authority (JRDA) have been notified by the state Governments of West Bengal and Jharkhand respectively as implementing agencies for rehabilitation purposes. Coal companies (ECL & BCCL) will provide technical support and the outlay will be funded partially through the internal resources of CIL and the cess collection under CCDA.
- 4.16** For speedy implementation of the Master Plan for Jharia and Raniganj Coalfields a High Powered Central Committee was constituted by this Ministry under the chairmanship of

Secretary (Coal) for monitoring the implementation aspects. Three meetings of the Committee have been held so far.. In Jharia coalfield, 50% of survey works have already been completed for rehabilitation of the affected persons and out of 3100 houses for non BCCL people, 400 houses had already been occupied and another 400 houses were on the verge of allotment. In Ranigang coalfield demographic survey has been completed in four locations out of 139 locations for rehabilitation. Discussion with the concerned authorities for diversion surface infrastructure like IOC pipelines, roads and railway lines is under progress by ECL.

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

- 4.17** 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.
- 4.18** 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 Subcommittee, followed by the CCDA Committee.

Development of North Eastern Region/Sikkim

4.19 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.

4.20 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.

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

4.21 Projects are implemented by Coal PSUs using their own Internal and Extra Budgetary Resources (IEBR) 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 format **Annexur**

STATUS OF ONGOING PROJECTS COSTING RS. 100 CRORES & ABOVE IN COAL INDIA LIMITED

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Cr/s)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
ECL	1	NARAINKURI	UG	0.54	149.06	Feb-09	Mar-15	Mar-15			0.00	0.00	0.00	0.00	NIT for sinking of 2 Nos. shaft 235 m length, 7 m dia : Model NIT document received from CIL, estimates for shaft sinking is under preparation. EMP: TOR received, PH date (15.09.10) postponed by WBSPCB. Forest Land: Not required
ECL	2	JHANJURA 2ND CM	UG	0.51	122.35	Feb-09	Mar-14	Mar-14			0.00	0.00	0.00	0.00	Finalisation of Global contract for Continuous Miner: NIT for Continuous Miner (2nd Set) floated on 2.3.09. Part II opened on 18.03.10. Same is under scrutiny. Land: Notified u/s 4(i) of CBA Act for 229.20 Ha (78 Ha forest + 151.20 Ha Tenancy). Application for issue of notification u/s 7(1) is under preparation. EMP: EC for 3.5 Mty exists since 1993. Fresh EMP required due to 259.46 Ha of additional land. TOR received on 15-10-09. Datt EMP is
ECL	3	SARPI(RCE)AUC	UG	0.76	147.86	Jun-08	Mar-11	Mar-11	B	POWERCE MENT, BRIC K	0.27	0.60	0.51	0.65	Delayed commissioning of Continuous Miner: Continuous Miner commissioned on 29.08.10. EMP: Obtained. Land: Application for acquisition 90.90 Ha land under L.A. Act in Ukhra & Sarpi Mouza submitted to the L.A. Collector, Burdwan on 4/03/09. Further as advised by L A Collector, Burdwan, fresh proposal of max. 140.50 Ha has been submitted to the L.A. Collector, Burdwan for PSLW : Modified NIT floated on 30-01-09. Part-I opened on 25.11.2009. Part II of the tender opened on 27.12.10 and is under scrutiny. EMP: Already exists.
ECL	4	JHANJURA PSLW	UG	1.70	287.17	Nov-06	Mar-10	Mar-12	B	NTPC	0.00	1.70	0.00	0.00	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
ECL	5	RAJMAHAL EXF	OC	6.50	153.82	Sep-09	Mar-14	Mar-14	F	FARAKKA & KAHALGANGA	0.00	5.50	2.50	2.50	Finalisation of Tender for partial outsourcing of Coal & OB: As directed by ECL board, NIT has been recast in the pattern of Bhubaneswari OCP of MCL. NIT is under preparation. Land: Balance Tenancy Land (733 Ha): Under process of possession. Land for Rehabilitation Site: For rehabilitation of PAFs, 114.79 acres of land at Ranidih was notified on 24-02-05 under LA Act. Against demand, 80% adhoc payment (i.e Rs. 60 Lakh) was deposited with Dy. Commissioner, Godda on 1-8-05. Since then despite regular follow up, the notice of acquisition u/s-8 of LA Act has not been served on the land owners of the Ranidih village by the Dy. Commissioner, Godda. This is delaying the physical possession of land at Mouza Ranidih for the regular rehabilitation of the PAFs. EMP: EC for 17 MTY accorded vide letter dated 11.05.2005. R&R: 1383 out of 3150 PAPs have been rehabilitated till date.
ECL	6	CHITRA EAST	OC	1.30	112.69	Aug-07	Mar-12	Mar-12	D	NTPC-FARKA & KAHALGN.	0.00	1.40	1.50	Finalisation of tender for outsourcing of OB: Proposal under scrutiny. Tenancy land: Under LA Act, An amount of Rs. 27.17 deposited with DLAO, Deoghhar on 02.11.10. Notification will be completed shortly. Govt. land (81.80 Ha): Applied for 16.40 Ha to DC, Deoghhar on 4-05-06 and pending with him. Forestland: Compliance to Stage I clearance issued on 21.04.10 was submitted to DFO, Deoghhar on 11.09.10.Matter pending with state forest deptt. EMP: Accorded on 04.03.10. R&R: 60 families out of 596 families. Project approved in Dec '09, Project is on schedule.	
BCCL	7	BLOCK-II UG CN	UG	0.45	113.37	Dec-09	Mar-14	Mar-14	D	POWER SECTOR	0.00	0.00	0.00	0.00	Forest Land: Awaiting NOC from DC, Chatra for 152.66 Ha.Forest Land proposal submitted to Nodal Officer , Jharkhand on 24.08.10.Nodal officer ,Jharkhand has raised some queries .Compliance of the queries has been made.Nodal Officer, Jharkhand forwarded the proposal to DFO, Chatra South in Nov '10.In Dec'10, DFO Chatra South has raised queries,Principal Secy. (F) , Govt. Of Jharkhand was requested on 01.12.10 to expedite the issuance of GMK Jungle Jhari Land. EMP: EC received vide letter-dated 19.05.09.
CCL	8	PURNADIH	OC	3.00	210.98	Jul-08	Mar-12	Mar-12	F	POWER(CA PTIVE)	0.10	0.60	0.60	1.00	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
CCL	9	RAJRAPPA (RC	OC	3.00	510.85	Dec-09	Mar-16	Mar-16	WG-II	RAJRAPPA WASHERY	1.10	1.10	1.25	<p>RCE approved in Dec 09 for an incremental capital of 125.72.</p> <p>Forest Land-Joint Enumeration is to be completed bith by CCL & forest department. DFO, Bokaro has instructed his officials to complete the joint enumeration work. Temporary pillaring work is in progress.SDO, Bokaro was requested on 20.09.10 to expedite the clearance under ST & OTFD Act 2006.Clearance under ST & OTFD (Recognition of Forest Rights) Act 2006 is awaited.Meeting with DFO, Bokaro held on 23.12.10. EMP: already approved.</p>	
CCL	10	PAREJ EAST	UG	0.51	128.89	May-08	Mar-12	Mar-12	W/I-W/I1	BASKET	0.00	0.00	0.00	<p>Finalisation & floating of tender for incline drivage: Draft NIT prepared and under scrutiny. EMP: Approved TOR received on 24.8.09.</p> <p>Forest Land: Proposal of diversion of 87.69 Ha Forest Land has been withdrawn from Forest dept. on 31.08.09. Proposal re-submitted to DFO, Ramgarh on 24.09.09. Pillaring work completed by CCL. Enumeration completion report submitted to DFO, Ramgarh by CCL on 03.08.10.Site inspection by DFO, Ramgarh done on 17.08.10. During site inspection DFO, Ramgarh has asked to submit the revised proposal at the earliest. Revised proposal of 85.18 Ha forest land submitted on 10.09.10. SDO has been requested for early OTFD clearance.Clearance under ST & OTFD (Recognition of Forest Rights) Act 2006 is awaited.</p>	
CCL	11	MAGADH EXPN	OC	20.00	706.40	Aug-08	Mar-13	Mar-13	F	NKSTPP	0.00	0.25	0.30	<p>Outsourcing of Coal & OBR for Magadh 20 MTY: Pre NIT meeting held on 17.12.09. Modifications suggested by the prospective bidders is being incorporated in the Draft NIT. EMP: EC for 20 MTY obtained on 27.10.2008. Forest Land: Rs. 7.42 Crs paid on 31.3.09 as forest compensation. Compliance submitted on 19.05.09 for Stage-II clearance. RCCF, Hazaribadh has forwarded the compliance to</p>	

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							SCH	ANT							
CCL	12	ASHOK EXPN,(1	OC	10.00	341.63	Dec-07	Mar-11	Mar-11	F	BASKET	7.60	8.75	7.80	8.10	Outsourcing of Coal & OBR as per PR (10 Mty): TCR approved by CCL Board on 30.7.09 for 20.9 MT coal for 36 months. Work awarded in Aug'09 and work in progress. EMP: EC for 10 Mty approved on 17-04-2008. Forest Land: Proposal for release of Balance Forest Land (168.15 Ha) has been submitted to Nodal officer, Jharkhand on 21.11.07 . NOC of GMK/J Jhri from DC,Chatra submitted to DFO. Demarcation work is being done by CCL... Area has been requested on 21.05.09 to complete demarcation work. Pillaring work completed EMP: EC obtained on 05.10.2009. Forest Land: Stage-I granted by MOEF on 27.02.09. Proposal for Stage -II sent to MOEF, Govt. of India in August' 2010. Presently at MOEF, Govt. of India.MOEF, Govt. of India has raised a query " whether rights of ST and other
CCL	13	TAPIN	OC	2.50	264.68	Aug-08	Mar-12	Mar-12	W-111	BASKET	0.55	0.70	0.50	1.00	Supply order for procurement of HEMM: Action has been initiated. EMP: EC obtained on 05.10.2009. Forest Land : 71.98 Ha of Forest Land already released and in possession. CF, Ranchi forwarded the Proposal for release of 74.81 Ha of Forest land to RCCF, Ranchi in Jan' 09. Nodal Officer , Jharkhand forwarded it to PCCF , Jharkhand on 10.07.09. PCCF has forwarded the file to Secy,(forest) Govt. of Jharkhand in Aug '09. Secy,(Forest) raised queries from PCCF in Sept' 09.Reply sent by Nodal officer, Jharkhand to PCCF. Jharkhand in Dec ' 09.Secy(F) forwarded it to Advisor to Governor in Dec' 09. Secy,(Forest), Govt. of Jharkhand recommended the proposal to MOEF, Govt. of India on 19.06.2010.FAC meeting held on 20.08.10. FAC recommended the proposal for Stage -I clearance. MOEF, Govt. of India has raised a query from Govt. of Jharkhand on 27.10.10.Discussed with Nodal officer. EMP: EC obtained on 08.02.2006. Forest Land: Stage -I clearance granted by MOEF on 23.02.09 for 226.51 Ha.Total compensation paid by CCL including NPV Rs. 1732.955 Lakhs.PCCF, Jharkhand has forwarded proposal to Secy. (Forest) Govt. Of Jharkhand in Nov' 09.SDO,Hazaribagh has issued clearance under ST & OTFD (Forest Rights) Act 2006 on 01.09.10.Proposal for Stage-II sent to MOEF in Oct ' 10. R&R: 245 PAPs to be rehabilitated.
CCL	14	ROHINI EXPN,(E	OC	2.00	105.67	Sep-08	Mar-11	Mar-11	E	POWER (CAPTIVE)	0.82	0.30	0.40	0.30	
CCL	15	NORTH URIMAF	OC	3.00	179.87	Dec-07	Mar-11	Mar-11	C	BASKET	0.27	0.50	0.30	0.40	

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							SCH	ANT							
CCL	16	CHURI-BENTIC	UG	0.81	165.51	Aug-07	Mar-11	Mar-11	B(LF)		0.07	0.09	0.10	0.11	Completion of Heightening and widening of Incline No.6: Tender is under scrutiny. EMP: TOR approved on 17.01.2008. Data generation completed. Draft EMP is under preparation. Forest Land: Stage-II clearance received vide letter no. F.NO 8-49 / FC-2008 dated 12.10.10. EMP: PH held on 28.01.10. EMP under preparation.
CCL	17	URIMAR(EPR)	OC	2.00	143.57	Jan-09	Mar-11	Mar-11	D	POWER (CAPTIVE)	1.51	1.65	2.50	1.95	Supply order for procurement of HEMM: Action has been initiated. EMP: EMP submitted to JSPCB on 11.05.09 for Public Hearing. Forest Land: Proposal for 105.72 Ha has been forwarded to MOEF, New Delhi in Dec'09. FAC is to be held in Feb'10. Project approved in Jun 09. Project is on schedule. Forest Land: Land already acquired under the CBA Act.132.28 Ha land already released.Stage -I Clearance for release of Balance 3.16 Ha of Forest Land for approach road is to be done. Forwarded to MOEF, Bhubaneswar in Dec' 09. MOEF,Bhubaneswar has raised some queries from Principal Secy. (Forest) , Govt. of Jharkhand on 10.03.10.Matter was discussed with DFO, Ramgarh on 08.05.10.Compliance of queries forwarded by DFO, Ramgarh on 08.05.10.RCCF, Hazaribagh forwarded the compliance of queries to Nodal Officer / PCCF, Jharkhand on 29.07.10.Nodal Officer ,Jharkhand forwarded the compliance of queries to Dy. Secy,Forest, Govt. of Jharkhand on 02.09.10. Project approved in Jun 09. Project is on schedule. Forest Land: Total forest land requirement as per PR is 60.47 Ha . Forest land in possession is 48 Ha. EMP: EC conveyed vide letter-dated 08.05.2007. Forest Land: Land required only after 2018-19. R&R - 625 PAPs out of 1357 have been EMP:EC accorded. Balance 148.86 Ha Forest Land: Tree cutting & transportation of felled trees completed in May'09. Land is yet to be handed over by UP Forest Deptt. Matter is subjudice at Allahabad High Court.. R&R: Completed.
CCL	18	KARMA	OC	1.00	162.46	Jun-09	Mar-14	Mar-14	D	BASKET	0.21	0.28	0.30	0.29	
CCL	19	GOVINDPUR PH	OC	1.20	142.11	Dec-09	Mar-13	Mar-13	E	BASKET	0.00	1.00	0.90	1.10	
NCL	20	NIGAH EXPN.P	OC	5.00	2105.89	Oct-07	Mar-12	Mar-12	C,D,E	VINDHYACHAL SUPER TPS	12.36	14.00	14.00	15.00	
NCL	21	KRISHNASILA	OC	4.00	789.88	May-06	Mar-10	Mar-13	D-E	RENUSAGAR TPS	3.52	4.00	4.00	4.00	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Cr/s)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mft)	RE 2010-11	BE 2011-12 (Mft)	STATUS AS ON 31.12.10
							SCH	ANT							
NCL	22	AMLOHRI EXPN	OC	10.00	1896.96	May-06	Mar-16	Mar-16	D-G	RIHAND SUPER TPS	6.15	6.00	6.50	8.00	EMP: EC for 10 Mty approved. Land: No additional land is required for Expansion PR (10 Mty). However, balance 81 Ha of Non-Forest of 4 Mty PR is required. Action has been taken for possession of 46 Ha tenancy land. Matter related to 35 Ha Govt land is sub-
NCL	23	BLOCK-B	OC	3.50	746.04	Jul-06	Mar-15	Mar-15	C-F	SURATGAR H TPS& BASKET	3.36	4.00	4.00	4.00	EMP: EC accorded vide letter dated 02-02-2006. Balance 85 Ha Forest Land: Required in 2013-14. Balance 128.32 Ha of Non Forest land (31.32 Ha + additional 97 Ha): 31.32 Ha Tenancy Land: As the tenants didn't turn up for payment after repeated notices, a fresh approval of Rs 32.19 Lakh is under approval process for 236 nos of tenants. Additional 97 Ha Tenancy Land: Work under progress. R&R - 569 PAPs to be rehabilitated.
NCL	24	BINA EXTN,OC	OC	6.00	337.61	Nov-06	Mar-14	Mar-14	E	MISC.	6.00	6.00	6.00	6.00	EMP: Approved in August-2006. Forest Land: Balance 279 Ha in MP State: Cost of tree felling has already been paid. 100 Ha already handed over to project. Balance 22 Ha in UP State: All payment for tree felling is made. Cutting and felling is yet to start. This land is needed in 2012-13. R&R: Completed. On Schedule.
NCL	25	DUDHICHUA EX	OC	5.00	326.57	Jul-08	Mar-14	Mar-14	C,D	WIPS OF NTPC	0.00	4.00	0.00	2.00	EMP: TOR received vide letter dated 15.04.09. Documents in compliance of TOR submitted to MPCB on 27-11-09. Date of public hearing is awaited. Land: 766 Ha land notified u/s - 9(1) of CBA Act on 29.10.10. Proposal for acquisition of 4.23 Ha Tenancy land to approach Penganga river bridge submitted to MOC, notification awaited.
WCL	26	PENGANGA	OC	3.00	339.77	Oct-08	Mar-12	Mar-12	F	MISC.	0.00	0.00	0.00	0.00	PR approved in Nov 09. EMP: Final EMP under cluster concept as Dhanpuri-Amlai group of OC mines submitted with MOEF. EAC held on 21.12.10, pending with MOEF. Non Forest Land: Application has been submitted to Collector, Shahdol for acquisition under MPLRC Act. PH held on 10.05.10.
SECL	27	AMLAI EXPN,SE	OC	1.50	198.59	Nov-09	Mar-14	Mar-14	C	THERMAL POWER HOUSE	1.15	0.80	0.65	0.60	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
SECL	28	MANIKPUR EXP	OC	3.50	321.50	Nov-09	Mar-14	Mar-14	F	THERMAL POWER	2.43	0.00	2.45	2.00	PR approved in Nov 09. EMP : Final EMP forwarded to MOEF on 11.01.10, pending with MOEF. Forest land : Stage II clearance of 194.728 ha obtained. Physical possession expected soon. Non Forest Land : Already acquired.
SECL	29	BAROUD EXPN	OC	3.00	135.58	Jul-08	Mar-15	Mar-15	F	POWER PLANT/MISC	1.13	1.80	2.00	1.85	EMP : EC approved on 20.05.09. Land : 127 Ha land has been notified u/s ^ of LA Act. Amount of compensation deposited in March 10. Disbursement under progress. Physical possession of land partially obtained. Forest Land : 236.53 Ha revenue forest land is under the process of acquiring NOC from Collector, Raigarh for allotment of registration number. R&R : 390 PAPs to be rehabilitated.
SECL	30	KUSMUNDA EX	OC	15.00	1188.31	Jun-08	Mar-13	Mar-13	F	KTPS & MISC	11.20	14.00	14.00	15.00	EMP : EC for 15 Mty obtained on 03-06-2009. Forest Land : FC proposal for revenue forest is pending with MOEF, New Delhi. Land : 752.458 Ha land notified u/s- 9(i) on 03.04.10. R&R - 1065 PAPs to be rehabilitated.
SECL	31	GEVRA EXPN (3	OC	10.00	1008.12	Mar-10	Mar-14	Mar-14		KTPS & MISC	0.00	10.00	10.00	10.00	EMP : EC for 35 Mty obtained 03-06-2009. Balance Land : Tenancy land (495 ha); Notified u/s -(11) of CBA Act. Assessment of compensation is in progress. Govt Land (44 ha); Notified u/s-(11) of CBA Act. R&R : Compensation for land of village Pondi has been prepared and submitted for competent approval at HQ.
SECL	32	BATURA OC	OC	2.00	203.82	Sep-08	Mar-15	Mar-15	C	MISC.	0.00	0.00	0.00	0.00	EMP : EC held on 27.09.10. Queries raised by MOEF, reply is to be submitted by SECL. Land : All the 942.87 Ha land notified u/s-7(i) of CBA Act on 04.06.10. Proposal for notification u/s-9(i) submitted to MoC on 21.09.10. R&R - 1870 PAPs to be rehabilitated.
SECL	33	JAGANNATHPU	OC	3.00	152.43	Sep-08	Mar-15	Mar-15	E	MISC.	0.00	0.00	0.00	0.00	EMP : Form-1 to be submitted. Land : All the 679.79 Ha Notified u/s-9 on 07.08.10. Proposal for notification u/s 11(i) submitted to MoC on 27.12.10.
SECL	34	CHURCHA RE-C	UG	1.35	462.35	Jun-08	Mar-14	Mar-14	B/C(LF)	POWER PLANT	1.32	1.25	1.25	1.35	EMP : EC for 1 Mty existed since Feb'95. Final EMP for 2.10 Mty submitted, EAC held on 21.12.10. Land : Land acquisition in progress.
SECL	35	PELMA	OC	10.00	448.32	Jul-08	Mar-15	Mar-15	F	POWER PLANTS	0.00	0.00	0.00	0.00	EMP : EAC meeting for TOR held on 30.08.10. Land : Notification u/s - 9(i) issued on 10.12.10. R&R - 1250 PAPs to be rehabilitated

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
SECL	36	KARTALI EAST	OC	2.50	178.44	Jul-08	Mar-14	Mar-14	C/E	MISC	0.00	0.00	0.00	0.00	EMP: EAC meeting for TOR held on 30.08.10. Land: 841.20 Ha land notified u/s - 7(i) on 05.06.10. Proposal for notification u/s 9(i) submitted to MoC in Oct 10.
SECL	37	GEVRA EXPN (2	OC	25.00	1667.55	Jul-05	Mar-12	Mar-12	F	POWER PLANT	35.00	25.00	25.00	25.00	EMP: EC for 25 Mty obtained. Land: 193.116 Ha Land in Hardi Block already notified u/s 11(i) on 4.12.04. Settlement of compensation and employment is in process. 104.94 Ha Land in Hardi Block (1st extn.) notified u/s 11(i) on 7.8.10.
SECL	38	DIPKA EXPN. (2	OC	25.00	1943.66	Dec-09	Mar-14	Mar-14	E	KTPS & MISC	24.09	25.00	25.00	25.00	EMP: EC for 10 Mty exists since 2003. TOR for 20 Mty received. PH held on 10.02.09. Final EMP sent to ED (Env & Forest) CIL New Delhi on 05.08.10. EAC awaited. Forest Land: Stage-II for 112.52 Ha obtained on 16-12-04 (first 25 years). Tree enumeration completed. Tree felling started but villagers oppose it for R&R benefits. An area of 53.411 Ha is handed over. R&R: Rehabilitation site at Baghmara & Gurjang resettlement site earmarked. 200 plots allotted in Gurjang site and 11 cash compensation in lieu of plot paid. Jarda villagers have objections to go to Gurjang site. Collector, Angul has been requested to allot 50 plots in resettlement site.
MCL	39	BHUBANESWAR	OC	20.00	490.10	Dec-07	Mar-16	Mar-16	D-G	BASKET	4.00	6.00	6.00	10.00	EMP: EC obtained on 31.10.2007. Forest Land: For Stage-I of 155.18 ha land, mining plan duly signed by Advisor (Project) MoC submitted to CCF (N), Bhubaneswar on 30.07.08 and was returned on 01.09.08 for compliance of 10 points. Compliance submitted on 01.07.09 and forwarded to DFO for site inspection. Tree enumeration completed. Identification of compensatory afforestation area completed. Applied for Gram Sabha resolution on 16.03.10. NOC will be issued by Collector after Gram Sabha resolution. Other Land: 976.93 Ha non forest land in process of being acquired. R&R : As per PR is 1715 . Out of 200 plots available at Gurjang site PAFs of Jamania and Adaitaprasad may be accommodated. Rehabilitation site measuring 130 Ac. Has been identified at Utkal Pradesh Forest Dept. site
MCL	40	KANIHA OCP	OC	10.00	457.77	Dec-07	Mar-13	Mar-13	D-G	BASKET	0.00	1.00	1.00	2.00	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT						
MCL	41	GOPALPRASAD	OC	15.00	395.87	Feb-08	Mar-15	Mar-15	BASKET	0.00	0.00	0.00	0.00	<p>EMP: TOR received 31.12.08. Draft EMP prepared. PH held on 18-12-09. EAC held on 23.11.10. Not considered by EAC as the project falls under critically polluted area due to CEPI for which moratorium is extended till 31.03.10.</p> <p>Forest Land: Stage-I clearance of 86.51 Ha land, has been returned back for compliance of about 12 points and subject to u/s 4(1) notification of balance land under CBA Act. On 17.12.2009, the PCCF, Bhubaneswar forwarded to DFO for field inspection report and verification of records. Presently, demarcation and tree enumeration is in progress. As advised by MOC, application for SEC-3 Notification under CBA Act of the balance land has been submitted vide-288 dt. 07.07.10. Again resubmitted in modified form on dt. 09.09.10</p> <p>The job of diversion of Forest land has been OS to M/s GEO-Mine Tech. for getting clearance within a period of one year. The starting date is 10th June 2009. Tree enumeration, identification of C A site & inspection by DFO</p> <p>EMP: Revised Form-I is being prepared by CMPDIL.</p> <p>Forest Land: Application submitted to CCF(N) in Dec'08, was returned on 30.01.09 for re-submission of total land schedule of Kalamchhuin village. Mining plan has been approved on 28.08.2009 and it was submitted to CCF(N), Bhubaneswar. Application made to Collector Angul for NOC issuance.</p> <p>Govt. Land: Govt non forest land (within LA Acquisition area) is under process for application under CB(A&D) Act. Tenancy land: Rs 74.61 Crs paid as compensation to the tenants of village Kalamchhuin. Land will be handed over.</p>
MCL	42	BALARAM EXTN	OC	8.00	172.08	Dec-07	Mar-10	Mar-11		3.61	0.00	4.50	6.50	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
MCL	43	LAKHANPUREX	OC	5.00	116.54	Sep-08	Mar-11	Mar-11	F/G	IB TPS OF OPGC	3.06	5.00	5.00	5.00	<p>EMP: EC for 15 Mty exists since 12.05.08.</p> <p>Forest Land: Stage – I clearance for 84.399 ha land has been obtained vide memo No-F.NO.8-280/1989-FC(Vol-1), dt.27.10.10. Wild life conservation plan– appointment of a consultant is under progress. Demand notice from DFO is waited for payment of Royalty. NPV already paid in CAMPA account. For diversion of 95.40 ha(PH-II) of forest land proposal is being initiated . At present, land schedule is under preparation at Project level.</p> <p>Govt. Land: Entire land has been notified under CBA Act, possession of land will be taken in phases. Tenancy Land: Entire land acquired under CBA Act. R&R: 1039 PAFs are to be rehabilitated. Compensation payment is under progress. As per assessment more than 50% of PAFs opting compensation in lieu of plots. Resettlement site of 38.05 ha at Ganesnagar is available for resettling the PAFs of</p> <p>EMP: TOR received in Nov'08. Draft EMP submitted on 02.03.10 . PH is awaited.</p> <p>Forest Land: Applied for 238.713 Ha on 17.04.10 forwarded to DFO, Angul. Tree enumeration completed. The other formalities for stage I under compliance.</p> <p>Other Land: Notification u/s 4(1) of CBA (A&D) Act for 40.84 Ha issued on 16.09.2009. Govt.</p> <p>EMP: TOR for 15 Mty received on 11.07.2008. Draft EMP prepared and PH held on 10.09.09. Final EMP is under preparation.</p> <p>Land Acquisition: Notified u/s-4(1) of CBA act on 01.02.10.Detailed schedule and plans for notification u/s 7(i) are under preparation.</p> <p>Forest Land: Application for 440.53 is ready &</p>
MCL	44	ANANTA EXPN.	OC	3.00	207.28	Aug-08	Mar-12	Mar-12	E/F/G		0.82	5.50	5.50	5.50	
MCL	45	HINGULA EXPN	OC	7.00	479.53	Nov-08	Mar-13	Mar-13	E/F/G		0.83	1.50	1.55	2.00	

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
MCL	46	TALABIRA	OC	20.00	447.72	Mar-08	Mar-16	Mar-16	A-G		0.00	0.00	0.00	0.00	<p>EMP: TOR received on 23.05.07. Draft EMP submitted. PH of Sambalpur conducted on 19.12.10. PH of Jharsuguda district could not be conducted on scheduled date on 08.12.10 as SPCB & state officials stopped by some persons and they could not reach the venue. Forest Land: Stage-I forestry clearance proposal for 729.15 Ha in phase-I submitted to CCF (N), Bhubaneswar on 22.01.09, was returned for complying 12 points. Land schedule signed by the Tasildar, Rengali & Jarsuguda taluk forwarded to Dy Director of Mines, Govt. of Orissa. It is under persuasion to submit the compliance report. The job of forest diversion is outsourced vide wo dated 04.11.10.</p> <p>Other Land: 1196.85 Ha of Non forest land is being acquired in phases.</p> <p>R&R: M/s ARDCoS (Agricultural Resource Development consultancy Society) have completed socio-economic study of about 1020 PAFs. Study is under progress. The work will be completed after land acquisition notification u/s 11(1) of Talabira Block-II. Delay in notification of Talabira block-II may delay the Project schedule.</p>
MCL	47	BHARATPUR PH	OC	9.00	131.39	Feb-07	Mar-10	Mar-11	E/F	CPP/BASKE T	1.48	3.00	3.00	3.60	<p>EMP: EC obtained in Oct'08.</p> <p>Forest Land: Application for stage-I clearance of 134.41 Ha (including land for original project) forwarded to CCF(N), Bhubaneswar was returned for approved mining plan. Mining plan has been approved by MOC and submitted to DFO, Angul in May '08. Application again returned by CF for compliance of DFO's "Site Visit report". Application including site inspection report was forwarded to PCCF, Govt. of Orissa. On 14.11.09 the proposal sent back to CCF(N) for getting NOC from Collectore under "The ST & OTFD Act 2006. Govt. Land: Application initiated for notification u/s-11 of</p>

SUB	SL	PROJECT	TYPE	SANC CAPACITY (Mty)	SANC CAPITAL (Rs Crs)	DATE OF SANC	DATE OF		GRADE	LINKAGE	ACT PROD 2009-10 (Mt)	BE 2010-11 (Mt)	RE 2010-11	BE 2011-12 (Mt)	STATUS AS ON 31.12.10
							SCH	ANT							
MCL	48	KULDA	OC	10.00	302.96	Jan-05	Mar-12	Mar-12	E&F	BASKET	3.43	5.00	5.00	9.00	<p>EMP: EC obtained on 24-12-02.</p> <p>Forest Land: Stage-II clearance for 227.89 Ha for 20 yrs obtained on 08.08.07. Till date 64 Ha of land has been possessed.</p> <p>Govt. NF: Entire land is already under possession.</p> <p>Tenancy Land: Entire land vested with company u/s 11(1) of CBA Act. Compensation payment of 175.48 Ha of land for Bankibahal & Balinga villages has already been made. 324.68 Ha of land is under possession. 136 nos of employments for village Balinga and 67 employments for village Bankibahal have been provided.</p> <p>R&R: 203 nos of employment and 17 cash compensation have been approved. 46 cases under process of approval. Rehabilitation site at Barpali is under preparation. 106 nos of plots</p>

ANNEXURE

STATUS OF THE NEW/ONGOING PROJECTS COST Rs. 100 CRORES AND ABOVE IN NEYVELLI LIGNITE CORPORATION (NLC)

Rs. in Crore

SL. NO	Name of the Project	Capacity	sanctioned Cost - Original/RCE	Sanction Mth/Year Original/RCE	Grade of Coal linkage	BE 2010-11	Expenditure upto March 2010**	Expenditure Apr-Dec-2010	BE 2011-12	Status of the project as on 31-12-2010
1	Mine II Expn	4.5 MTPA	2161.28 ----- 2295.93	Oct-04 ----- Jul-08	<u>Lignite:</u> TPS II Expansion	224.11	1808.34	52.68	50.00	The project has been commissioned on 12-03-2010 - The fund requirement is for the pending payment and some GWC & SWC items procurement.
2	TPS II Expn	2 x 250 MW	2030.78 ----- 2453.57	Oct-04 ----- Jul-08	<u>Power:</u> Mine II Expansion	327.63	1948.27	115.37	250.37	The project is delayed due to the non completion of work in time by BHEL, the Major Contractor of the Main Plant. The Unit I and II of the TPS II Expn. are anticipated to commence commercial operation from Mar-11 and Oct-11. Almost all supplies have been made and erection activities are in advanced stage.
3	Mine at Rajasthan	2.1 MTPA	254.07 ----- 254.60	Dec-04 ----- Aug-09	<u>Lignite:</u> TPS at Rajasthan	37.73	214.51	1.33	14.58	Lignite production commenced in Nov'2009 and attained full capacity level on 31/01/2010. However the production is on the slow phase as the linked unit is not ready.
4	TPS at Rajasthan	2 x 125 MW	1114.18 ----- 1626.09	Dec-04 ----- Aug-09	<u>Power:</u> Mine at Rajasthan	147.16	1407.82	118.02	60.50	Though the two units have been synchronized, commercial production is yet to commence and the Units are expected to commence commercial operation in December 2010.
5	TPS at Tuticorin	2 x 500 MW	4909.54 -----	12.5.2008 -----	<u>Power:</u>	826.13	725.00	593.84	1115.00	Orders have been placed for all major packages . Supply is in progress. The anticipated dates of commissioning of Unit I & II are April-12 and Sep-12.

** Since Inception

**Annexure
Details of Ongoing projects costing Rs.100 Crores & above (Status as on 31.12.2010) in Singareni Collieries Company Limited**

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 completion Anticipated Completion	Grade of coal Linkage	Actual Prodn 2009-10(MT)	Target as per FR 2010-11 (MT)	BE/RE 2010-11 (MT)	Actual Upto Dec'10 (2010-11) (Prod.) (MT)	BE 2010-11 (Rs.Crs)	Expd.till Dec,2010 (Rs.Crs) (Provl.)	Status
1	Adriayala shaft project FCE, UG, SCCL	2.81	846.06	779.26	24.12.2009 2012-13 2013-14	E,D,C Basket Linkage	0.081	0.264	0.33	0.091	30.00	119.182	The project is expected to be delayed till July'2013 (9 months time over run) due to delay in drivages. For Procurement of Longwall equipment ,order placed on 18.12.2009 and expected by June,2012. Sinking of return air shaft progress is 360.30 mtrs. out of 468mtrs.
2	Shantikhani Longwall project, UG, SCCL	1.167	303.89	249.03	09.10.06 2011-12 RFR	F,D Basket Linkage	0.014	0.731	0.04	0.024	30.00	39.343	It is decided to prepare Revised Feasibility Report (RFR) in view of geological disturbances. RFR preparation is under progress. Sinking of air shaft progress is 154.80 mtrs. out of 390mtrs.
3	Jallaram Shaft Project, UG SCCL	2.285	512.87	467.780	14.09.07 2012-13 RFR	B,D,E, Basket Linkage	-Nil-	0.49	-Nil-	-Nil-	10.00	11.424	It is decided to prepare Revised Feasibility Report (RFR) in view of geological disturbances. RFR preparation is under progress.
4	Kakatiya Longwall Project, UG SCCL	2.747	620.03	453.63	15.12.08 2012-13 2014-15	B,E,F Basket Linkage	0.191	0.33	0.32	0.143	40.00	54.486	It was decided to induct longwall on Technology provider cum operator (TPO) concept. Proposal for appointment of TPO is being put up to the ensuing Board. Sinking of air shaft progress is 121.0mtrs. out of 220mtrs. The anticipated date of completion of the project is March'2015 and hence the expected time over run is 2 years 4 months. Delay of project is due to selection of TPO.

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 Prodn 2009-10(MT)	Target as per FR 2010-11 (MT)	BE/RE 2010-11 (MT)	Actual Upto Dec'10 (2010-11) (Prod.) (MT)	BE 2010-11 (Rs.Crs)	Expd.till Dec,2010 (Rs.Crs) (Provl.)	Status
5	RG OC-II Extension Project	4.00	896.32	418.97	30.12.09 2011-12 2011-12	D,E,F Cost plus linkage	3.561	3.50	3.20	2,251	85.00	71.595	Project is on schedule
6	RKP OCP Phase-I	2.50	129.31	209.78	29.03.10 2014-15 2014-15	D,E Basket Linkage	0.00	0.60	0.00	0	0.00	15.1	Project is on schedule
7	Manuguru OC-II Extension (Phase-II)	3.00	218.01	181.19	29.03.10 2011-12 2011-12	C,D,E&F Basket Linkage	0.00	1.50	3.00	2,654	0.00	0.905	Project is on schedule
8	Kistaram OCP	2.00	143.9	242.29	01.11.10 2014-15 2014-15	D & F Basket Linkage	0.00	0.00	0.00	0	0.00	0	Project is on schedule

Abbreviations used : UG-Underground