

# 4

## Review of Past Performance

### 4.1 Analysis of Growth: 2011-15

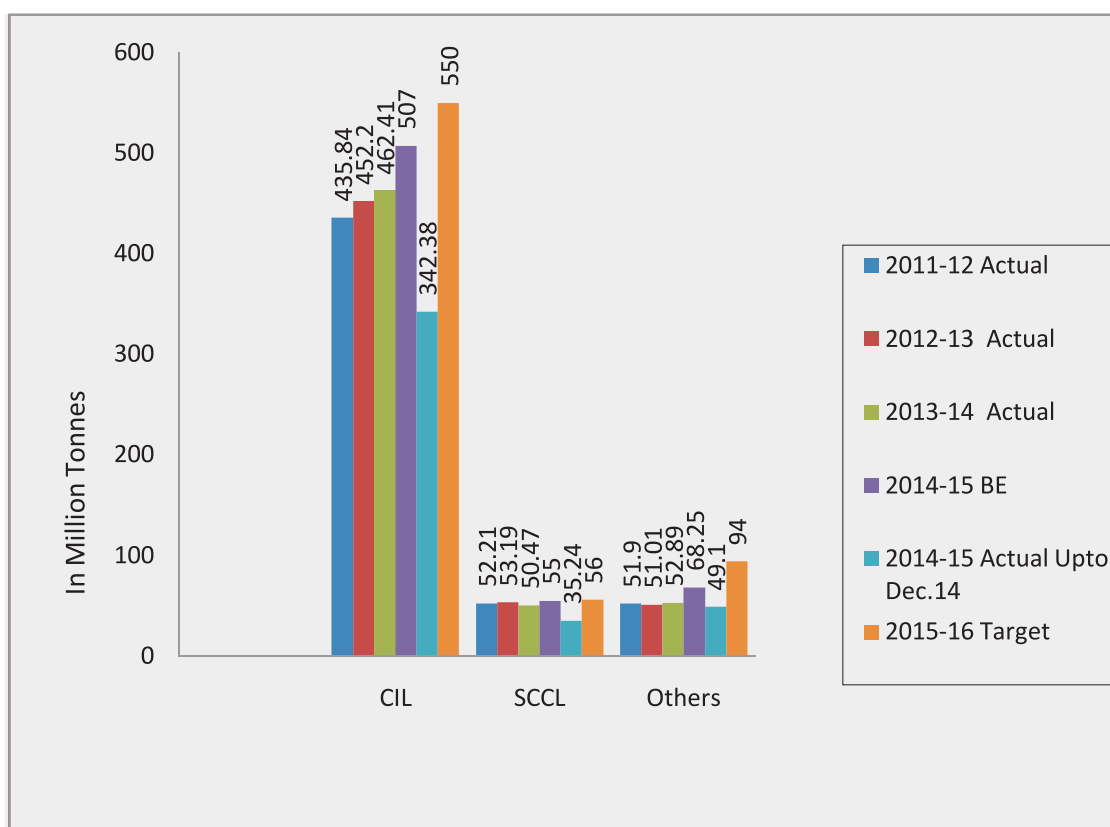
4.1.1 All India raw Coal Production is as under:

(In Million Tonnes)

COMPANY	2011-12 Actual	2012-13 Actual	2013-14 Actual	2014-15 BE	2014-15 Actual Upto Dec.14	2015-16 Target
CIL	435.84	452.20	462.41	507.00	342.38	550.00
SCCL	52.21	53.19	50.47	55.00	35.24	56.00
Others	51.90	51.01	52.89	68.25	49.10	94.00
Total	539.95	556.40	565.77	630.25	426.71	700.00
Growth %	1.4	3.04	1.68	11.39		

Table 4.1

### COAL PRODUCTION



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 96 million tonnes at the time of nationalization of coal mines in the early seventies to about 565.77 million tonnes by 2013-14. The target for coal production for 2014-15 was 630.25 million tonnes against which actual production during the period April-December 2014 was 426.71 Million tonnes. The overall growth in Coal Production during April-Dec. 2014-15 was 9.1 percent. For CIL growth was 7.3 percent during the same period. However, despite growth in coal production, the gap between total consumption and domestic supply has persisted and is being met through import of coal. The quantum of Coal imports during 2013-14 was 168.44 million tonnes and during the period April-November 2014 was 137.61 Million tonnes.

**4.1.2** The Production Plan for NLC for 2015-16 (Estimate) with the actuals of 2011-12 to 2014-15 (Upto Dec. 14) is given below:-

<b>Particulars</b>	<b>Actual 2011-12</b>	<b>Actual 2012-13</b>	<b>Actual 2013-14</b>	<b>Target/BE 2014-15</b>	<b>Actual 2014-15 Upto Dec,14</b>	<b>2015-16 Target/BE</b>
Lignite (Mt.)	24.59	26.22	26.61	25.60	17.16	25.67
Power (MU.)	18,789.44	19,902.34	19,988.65	20,285.00	14,201.93	20,944.52
Growth %	5.08	5.92	0.43			

**Table 4.2**

## **4.2 Review of Plan Schemes**

### **4.2.1 Research and Development Projects**

Research and Development projects are covered under four thematic areas viz; improvement in production, productivity and safety in coal mines; coal beneficiation and utilization, and protection of environment and ecology. The Standing Scientific Research Committee (SSRC) under the Chairmanship of Secretary (Coal) is the apex body for administering Coal related research. The Central Mine Planning and Design Institute (CMPDI) is the nodal agency for the coordination and monitoring of Science and Technology Plan schemes and of CIL's Research and Development projects. The cutting edge projects are implemented by pioneering research and academic institutes related to coal and allied industries with active participation of coal and lignite mining companies.

The status of Coal S&T Projects funded by the Ministry under the S&T grant during the XI Plan and XII Plan period (till 31.12.2014) is given on the next page:

(Quantum of Project)

PLAN	XI Plan					XII Plan			
	07- 08	08-09	09 -10	10-11	11-12	12-13	13-14	14-15	15-16
Spillover projects from previous year	36	34	28	23	16	14	15	12	12
Projects sanctioned during the year	09	05	07	02	06	04	02	03*	
Projects completed during the year	10	10	10	08	07	03	05	03	
Projects terminated/ foreclosed during the year	01	01	02	01	01	-	-	-	

**Table 4.3**

\* Three (3) new projects were recommended by Technical sub-committee of SSRC for approval by the SSRC.

#### 4.2.2 Promotional (Regional) Exploration in Coal and Lignite

GSI, MECL, State Govts. 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, 2012-13, 2013-14, 2014-15 (Upto 31.12.2014) and target for 2015-16 is given below:

(Drilling in metre)

Command Area	2011-12 Actual	2012-13 Actual	2013-14 Actual	2014-15 Actual Upto Dec. 14	2015-16 Proposed BE*
Physical:					
1. Drilling in C.I.L.Command Area	34.90	36725	53695	52500	83300
2. Drilling in S.C.C.L. Command Area	9,228	8899	9553	3600	15500
3. Drilling in Lignite Areas	49564	67728	68774	51400	76200
TOTAL	93722	113352	132022	107500	175000
Growth %	-8.71	20.94	16.47		

**Table 4.4**

\* 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.

### 4.2.3 Detailed Exploration in non-CIL Blocks

CMPDI carries on Detailed Exploration in CIL and Non-CIL blocks as per strict timelines to bring resources falling in indicated and inferred category into the proven category. 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, 2012-13, 2013-14, 2014-15 (Upto 31.12.2014) and target for 2015-16 are as follows:

(Drilling in metre)

Agency	2011-12 Actua	2012-13 Actual	2013-14 Actual	2014-15 Actual Upto Dec. 14	2015-16 Proposed BE*
Physical:					
1) CMPDI Departmental	55230	77458	93742	46700	53350
2) Outsourcing by CMPDI	166648	150250	144159	143400	428500
TOTAL	221878	227708	237901	190100	481850

**Table 4.5**

\* 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.

### 4.2.4 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 XII<sup>th</sup> Plan period are control of subsidence in the old, abandoned, waterlogged workings in Raniganj coalfields, control of mine fires and subsidence in Jharia coalfields, and rehabilitation of persons residing in these locations.

Yearwise fund released by CIL for implementation of Master Plan is given below.

(Figure in crores)

Sl. No.	Year	Amount Released to ECL	Amount Released to BCCL	Total Amount Released by CIL
2	2011-12	Rs. 0.93	Rs. 30	Rs. 30.93
3	2012-13	_____	Rs. 102.04	Rs. 102.04
4	2013-14	Rs. 0.14	Rs. 229.71	Rs. 229.85
5	2014-15 (Upto Dec. 14)	_____	Rs. 130.7613	Rs. 130.7613

**Table 4.6**

## 4.2.5 Conservation and Safety in Coal Mines and Development of Transport Infrastructure under CCDA.

Under these schemes the expenditure incurred by coal companies is reimbursed partially as per the statutory provisions under the Coal Mines (Conservation and Development) Act, 1974. The principal objective of the Act is to collect excise duty on coal for disbursing the same to the coal mines for conservation and development related works including infrastructure development.

The examination and scrutiny for reimbursement is carried out by a duly constituted 'Coal Conservation and Development Advisory Committee' (CCDA Committee) as per the provisions of Coal Mines (Conservation and Development) Rules, 1975. The Government partially reimburses costs due to coal companies through budget provision taking into account commitment/ liability already existing during the preceding financial year. The details of achievement made under these two schemes during the financial years 2012-13, 2013-14 and 2014-15 (Upto Dec. 14) are given as under:

	2012-13	2013-14	2014-15 Actual Upto Dec. 14
Amount disbursed for Stowing & protective work	Rs. 119.00 crores	Rs. 184.96 crores	Rs. 185.00 crores
No. of stowing mines	96	90	78
Sand stowed	61.22 lakh cum.	61.80 lakh cum	66.55 lakh cum
No. of protective work taken up	32	17	19
Amount disbursed for transport infrastructure development	Rs. 40.00 crores	Rs. 76.02 crores	Rs. 75.00 crores
No. of road projects partially funded	24	13	16
No. of rail projects partially funded	5	2	3

**Table 4.7**

#### **4.2.6 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. Accordingly, Rs. 24.00 Crore was earmarked towards schemes of Research and Development, Regional Exploration, Detailed Drilling and Environmental Measures and Subsidence Control in RE 2014-15. The other two schemes namely Conservation and Safety in Coal Mines and Development of Transport Infrastructure in Coalfield Areas are outside the orbit of tis provisioning.

The major chunk of the allocation was made under the schemes which are exploratory in nature. The drilling work is not progressing due to adverse law & order conditions in the NE region. MoC in January 2015 has permitted outsourcing of drilling in NE region for Promotional (regional) Exploration of coal. Serious efforts are being made to encourage academic institutes/research organisations from NER for participation in Coal Research.

#### **4.2.7 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 (IEBR). The statement showing company-wise and project-wise status and details of projects with the cost of Rs. 100 crores and above are given in Annexure 2.

## STATUS OF ON-GOING PROJECTS COSTING RS. 100 CRORES AND ABOVE IN COAL INDIA LIMITED AS ON 31.01.2014

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2012-13	ACT 2013-14	TARGET 2014-15	
1	ECL	CHITRA EAST(2.50 Mty.)	OC	Aug-07	2.50	112.69	Mar-11	Mar-16	1.45	1.42	2.05	
2	ECL	JHANJIRA 2ND CM (UCE)	UG	May-11	0.51	147.20	Mar-15	Mar-15	0.00	0.00	0.48	Project is on schedule
3	ECL	JHANJIRA PSLW(R-VI)	UG	Nov-06	1.70	287.17	Mar-10	Mar-17	0.00	0.00	0.00	Project delayed due to delay in finalization of global tender for Power Support Long Wall (PSLW).
4	ECL	KOTTADIH CM (PR PH-1)	UG	May-11	0.60	127.17	Mar-16	Mar-16	0.00	0.00	0.00	Project is on schedule
5	ECL	KUMARDIHI-B CM (UCE_)	UG	May-14	1.02	117.91	Mar-23	Mar-23	0.00	0.00	0.00	Project recently approved and is on schedule
6	ECL	NARAINKURI	UG	Feb-09	0.54	149.06	Mar-15	Mar-17	0.00	0.00	0.00	Delay due to delay in EMP clearance. However PR is being recast with provision of Inclines in place of Vertical Shaft.
7	ECL	RAJMAHAL EXPN (17)	OC	Sep-09	17 (6.5 Incr)	1107.77 (153.82 Incr)	Mar-14	Mar-16	13.40	14.32	15.00	Project delayed due to delay in Rehabilitation of PAFs & delay in tender for outsourcing
8	ECL	SARPI(RCE)AUG	UG	Jun-08	0.76	147.86	Mar-11	Mar-15	0.72	0.69	0.49	Project delayed due to the process of finalization of global tender for deployment of Continuous Miner & delay in commissioning of equipment
9	ECL	SONEPUR-BAZARI COMB.	OC	Aug-12	8.00	1055.05	Mar-18	Mar-18	5.66	6.40	6.00	Project is on schedule
10	ECL	NEW KENDA	OC	Nov-14	1.50	404.06	Mar-18	Mar-18	0.00	0.00	0.00	Project recently approved and is on schedule
11					<b>17.13</b>	<b>2548.17</b>			<b>21.23</b>	<b>22.83</b>	<b>24.02</b>	

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS PRODUCTION (MTY)
									ACT 2012-13	ACT 2012-13	ACT 2012-13	
1	BCCL	BLOCK-II UG CM (1/11 SEAM)	UG	Dec-09	0.45	113.37	Mar-14	Mar-19	0.00	0.00	0.00	Project delayed due to finalization of global tender for outsourcing of entire Continuous Mnner (CM) package
2	BCCL	KAPURIA BLOCK	UG	Aug-11	2.00	988.35	Mar-17	Mar-17	0.00	0.00	0.00	Project is on schedule
3	BCCL	MOONIDIH XV SEAM	UG	Aug-11	1.50	1230.27	Mar-18	Mar-18	0.00	0.00	0.00	Project is on schedule
4	BCCL	MURAIIDH-CM SM-111/11/1	UG	Feb-11	2.00	339.88	Mar-15	Mar-15	0.00	0.00	0.00	Project is on schedule
5	BCCL	NORTH TISRA & SOUTH TISRA	OC	Feb-14	6.00	555.52	Mar-21	Mar-21	0.00	0.00	0.00	Project is on schedule
	5	<b>SUB TOTAL, BCCL:</b>			<b>11.95</b>	<b>3227.39</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
1	CCL	AMRAPALI	OC	Feb-12	12.00	858.11	Mar-19	Mar-19	0.00	0.00	3.00	Project is on schedule
2	CCL	ASHOK EXPN.(10 MTY)	OC	Dec-07	10.00	341.63	Mar-11	Mar-17	8.00	7.50	8.00	Delay due to (i)delay in release of forest land which in-turn delayed the completion of Railway Siding. (ii) Land authentication and Law & order problem
3	CCL	CHURI-BENTI CM	UG	Aug-07	0.81	165.51	Mar-11	Mar-16	0.03	0.03	0.03	Project delayed due to delay in grant of Stage I FC & cancellation of tender for deployment of CM. Prebid meet held & NIT under finalization.
4	CCL	GOVINDPUR PH-II	OC	Dec-09	1.20	142.11	Mar-14	Mar-15	1.43	1.71	2.00	Delay due to delay in construction of infrastructure for non availability of non-coal bearing land
5	CCL	JEEWANDHARA	OC	Nov-13	1.00	211.66			0.00	0.00	0.00	Project is on schedule
6	CCL	KARMA	OC	Jun-09	1.00	162.46	Mar-14	Mar-17	0.36	0.40	0.45	(i) Delay due to delay in land acquisition/ possession & associated R&R issues. (ii) Law and order problem



SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS PRODUCTION (MTY)	
									ACT 2012-13	ACT 2012-13	ACT 2012-13		
7	CCL	MAGADH EXPN.	OC	Aug-08	20.00	706.40	Mar-13	Mar-16	0.00	0.00	2.00	Implementation delayed due to delay in possession of tenancy land & lack of evacuation facility	
8	CCL	NORTH URIMARI	OC	Dec-07	3.00	179.87	Mar-12	Mar-17	0.37	0.15	0.60	Delayed due to delay (i)in hand over of forest land.(ii) R&R and Coal Evacuation problem	
9	CCL	PAREJ EAST	UG	May-08	0.51	128.89	Mar-12	Mar-15	0.00	0.00	0.00	Project a non starter due to delay in grant of FC. Incline drivage also affected due to delay in grant of FC	
10	CCL	PIPARWAR EXPN.(RCE)	OC	Sep-06	10.00	812.52	Mar-11	Mar-16	11.49	12.32	10.00	Completion delayed due to delay in construction of railway siding.	
11	CCL	PURNADIH	OC	Jul-08	3.00	210.98	Mar-13	Mar-15	1.43	1.49	1.80	Project affected due to delay in possession of tenancy land	
12	CCL	RAJRAPPA (RCE)	OC	Dec-09	3.00	510.85	Mar-16	Mar-16	0.77	0.80	1.20	Project is on schedule	
13	CCL	ROHINI EXPN.(EPR)	OC	Sep-08	2.00	105.67	Mar-11	Mar-17	0.74	0.73	1.00	Completion delayed due to delay in forestry clearance. Stage-I clearance granted on 24.01.13. Pending for Stage II clearance.	
14	CCL	TAPIN	OC	Aug-08	2.50	264.68	Mar-12	Mar-16	0.94	1.09	1.20	Delayed due to delay in hand over of Forest land	
14		<b>SUB TOTAL, CCL:</b>								<b>25.56</b>	<b>26.22</b>	<b>31.28</b>	

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS PRODUCTION (MTY)
									ACT 2012-13	ACT 2012-13	ACT 2012-13	
1	WCL	DINESH (MAKRADHA KRA-III) RPR	OC	Nov-14	4.00	611.16	Mar-20	Mar-20	0.00	0.00	0.00	Project is on schedule
2	WCL	PENGANGA RPR	OC	Sep-14	4.00	441.82	Mar-20	Mar-20	0.00	0.00	0.00	Project is on schedule
3	WCL	MAKARDHO KRA I UCE	OC	Sep-14	2.00	266.23	Mar-21	Mar-21	0.00	0.00	0.00	Project is on schedule
4	WCL	GOKUL UCE	OC	Nov-14	1.50	262.92	Mar-18	Mar-18	0.00	0.00	0.00	Project is on schedule
	<b>4</b>	<b>SUB TOTAL, WCL:</b>										
1	MCL	GARIANBAHAL OCP	OC	Nov-14	10.00	1375.38	Mar-21	Mar-21	0.00	0.00	0.00	Project is on schedule
2	MCL	ANANTA EXPN.PH-III(15 MTY)	OC	Aug-08	3.00	207.28	Mar-12	Mar-16	0.00	0.00	0.00	Project delayed due to grant of Stage I FC & EC
3	MCL	BALARAM EXTN.	OC	Dec-07	8.00	172.08	Mar-10	Dec-16	5.63	4.57	6.00	Implementation affected due to delay in allotment of alternate R&R site for village Kalanchuin
4	MCL	BASUNDHAR A(WEST)EXT N.	OC	May-14	7.00	479.15	Mar-17	Mar-17	6.50	4.78	3.70	Project is on schedule
5	MCL	BHARATPUR PH-III	OC	Feb-07	9.00	131.39	Mar-10	Mar-17	1.85	1.58	3.92	Project delayed due to the grant of FC & handover of forest land and R&R issues
6	MCL	BHUBANES WARI OCP	OC	Dec-07	20.00	490.10	Mar-17	Mar-17	17.93	24.45	25.00	Project is on schedule
7	MCL	GOPALPRASAD	OC	Feb-08	15.00	395.87	Mar-15	Mar-15	0.00	0.00	0.00	Project is on schedule
8	MCL	HINGULA EXPN.PH-III	OC	Nov-08	7.00	479.53	Mar-13	Mar-15	0.00	0.00	0.00	Project affected due to the grant of FC
9	MCL	JAGANNATH RO OCP	OC	May-14	6.00	337.66	Mar-17	Mar-17	0.00	0.00	0.00	Project is on schedule

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS PRODUCTION (MTY)
									ACT 2012-13	ACT 2012-13	ACT 2012-13	
10	MCL	KANIHA OCP	OC	Dec-07	10.00	457.77	Mar-13	Mar-15	0.68	4.53	10.00	Completion delayed due to delay in construction of MGR by NTPC
11	MCL	KULDA	OC	Jan-05	10.00	302.96	Mar-12	Mar-17	5.50	5.27	6.00	Project affected due to delay in completion of second spur siding at Himgir and completion of Jharsuguda Barpali rail line
12	MCL	KULDA EXPN	OC	Jun-15	5.00	289.03	Mar-18	Mar-18	0.00	0.00	0.00	Project is on schedule
13	MCL	SIARMAL	OC	May-14	40.00	3756.36	Mar-26	Mar-26	0.00	0.00	0.00	Project is on schedule
14	MCL	TALABIRA	OC	Mar-08	20.00	447.72	Mar-16	Mar-16	0.00	0.00	0.00	Project is on schedule
	<b>14</b>				<b>170.00</b>	<b>9322.28</b>			<b>38.10</b>	<b>45.17</b>	<b>54.62</b>	

**SUB TOTAL, MCL:**

S L.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS PRODUCTION (MTY)
									ACT 2012-13	ACT 2012-13	ACT 2012-13	
1	NCL	AMLOHRI EXPN	OC	Dec-09	10.00	1670.65	Mar-16	Mar-16	7.50	8.51	10.00	Project is on schedule
2	NCL	BLOCK-B (RPR)	OC	Jun-11	3.50	535.10	Mar-15	Mar-15	4.38	4.38	4.38	Project is on schedule
3	NCL	KHADIA EXPN.	OC	Jun-11	10.00	1720.03	Mar-18	Mar-18	4.38	5.14	5.50	Project is on schedule
4	NCL	KRISHNASILA (RPR)	OC	Jun-11	4.00	741.62	Mar-13	Mar-15	5.00	4.00	5.00	Implementation delayed due to delay in construction of CHP, commissioning of dragline & completion of important service buildings
5	NCL	NIGAH EXPN.PH-11(15MTY)	OC	Mar-12	15.00	2105.89	Mar-12	Mar-16	13.52	13.65	15.00	Implementation delayed due to delay in construction of CHP & Railway siding
5		<b>SUB TOTAL, NCL:</b>			<b>42.50</b>	<b>6773.29</b>			<b>34.78</b>	<b>35.68</b>	<b>39.88</b>	
1	SECL	BAGDEVA RPR	UG	Mar-11	0.75	117.60	Mar-14	Mar-16	0.53	0.49	0.51	Delay in finalization of tendering for work of drift drainage.
2	SECL	CHURCHA RE-ORG	UG	Jun-08	1.35	462.35	Mar-14	Mar-16	1.34	1.43	1.40	Delay in commissioning of CM package.
3	SECL	AMLAI EXPN.SEC-B	OC	Nov-09	1.50	198.59	Mar-16	Mar-16	0.70	0.67	0.70	Project is on schedule
4	SECL	BAROUD EXPN (RAI WEST)	OC	Jul-08	3.00	135.58	Mar-15	Mar-15	2.85	3.50	3.50	Project is on schedule
5	SECL	BATURA OC	OC	Sep-08	2.00	203.82	Mar-15	Mar-15	0.00	0.00	0.00	Project is on schedule
6	SECL	CHHAL (SEAM-III)	OC	Dec-13	6.00	610.63	Mar-19	Mar-19	0.00	0.00	0.00	Project is on schedule
7	SECL	DIPKA EXPN. (20-25 MTY)	OC	Dec-09	25.00	1943.66	Mar-14	Mar-16	29.13	29.20	30.00	Delay due to Rehabilitation & resettlement problems and Delay in assessment of compensation by State authorities. Also involves FC of 126.34 Ha of forest land. NoC under FRA obtained & online submission made for grant of Stage I FC.

S L.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PROD. (MTY)			STATUS PRODUCTION (MTY)
									ACT 2012-13	ACT 2012-13	ACT 2012-13	
8	SECL	GEVRA EXPN (35 MTY)	OC	Jun-10	35.00	2675.67	Mar-14	Mar-16	35.00	38.70	40.00	Delay due to Rehabilitation & resettlement problems and Delay in assessment of compensation by State authorities.
9	SECL	JAGANNATH PUR (MAHAN- III&IV)	OC	Sep-08	3.00	152.43	Mar-15	Mar-17	0.00	0.00	0.00	Project affected due to delay in land acquisition, rehabilitation & resettlement problems, forestry clearance, environmental clearance, resistance of villagers form village Jaganathpur & Choura for land acquisition.
10	SECL	JAMPALI	OC	Jan-06	2.00	142.58	Mar-15	Mar-16	0.00	0.00	0.90	Delay due to delay in grant of FC
11	SECL	KARTALI EAST	OC	Jul-08	2.50	178.44	Mar-14	Mar-16	0.00	0.00	0.00	Delay due to acquisition/possession of land & forest diversion
12	SECL	KUSMUNDA OCP	OC	Aug-13	50.00	7612.33	Mar-23	Mar-23	15.00	18.42	18.75	Project is on schedule
13	SECL	MAHAN (RPR)	OC	Jan-13	0.36	148.72	Mar-15	Mar-15	0.00	0.06	0.36	Project is on schedule
14	SECL	MANIKPUR EXPN.	OC	Nov-09	3.50	321.50	Mar-14	Mar-16	2.45	3.22	3.50	Project delayed due to CEPI moratorium which has since been lifted
15	SECL	PELMA	OC	Nov-15	15.00	1624.59	Mar-23	Mar-23	0.00	0.00	0.00	Project is on schedule
	<b>15</b>		<b>SUB TOTAL, SECL:</b>		<b>150.96</b>	<b>16528.50</b>			<b>87.00</b>	<b>95.70</b>	<b>99.62</b>	
	<b>67</b>		<b>GRAND TOTAL</b>		<b>462.56</b>	<b>43200.98</b>			<b>206.66</b>	<b>225.60</b>	<b>249.42</b>	

## STATUS OF THE ONGOING PROJECTS COSTING Rs 100 Cr AND ABOVE IN NEYVELI LIGNITE CORPORATION LTD (NLC)

Rs. in Crore

Recently Commissioned Projects											
SL. No	Name of the Project	Capacity	Sanctioned cost & RCE I & II	Month & year of sanction	Grade of coal linkage	Cumu.Exp. Upto Mar 14	BE 2014-15	Actual 2014-15 Up to Dec 14	RE 2014-15	BE 2015-16	Status of the project
1	Mine II Expansion	4.5 MTPA	2161.28	Oct'04	Lignite: TPS II Expansion	2011.84	45.51	2015.15	37.36	28.28	The project has been commenced on 12.03.2010.
			2295.93	July'08							
			2125.83	Apr'12							
2	Barsingsar Mine, Rajasthan	2.1 MTPA	254.07	Dec'04	Lignite: TPS at Rajasthan	209.03	3.50	213.11	4.01	2.50	Lignite production commenced in Nov' 2009 and attained full capacity level on 31/01/2010.
			254.60	Aug '09							
			218.05	Mar'12							
3	Barsingsar TPS, Rajasthan	2 x 125 MW	1114.18	Dec'04	Power: Mine at Rajasthan	1800.97	73.13	1838.48	15.91	--	Both units have been commissioned. Unit II on 29.12.2011 and Unit I on 20.01.2012.
			1626.09	Aug'09							
			1868.71	Mar-12							

Projects under Implementation										Rs. in Crore	
SL. No	Name of the Project	Capacity	Sanctioned cost & RCE I & II	Month & year of sanction	Grade of coal linkage	Cumm.Exp. Upto Mar 14	BE 2014-15	Actual 2014-15 Up to Dec 14	RE 2014-15	BE 2015-16	Status of the project
4	TS II Expn	2 x 250 MW	2030.78	Oct' 04	Power: Mine II Expansion	2904.44	344.42	3095.79	462.48	74.63	A delay of about 37 months is anticipated .The First Unit was synchronized with grid on 18.05.2011 and the second Unit on 23.11.2014. However, the Units could not be commissioned as they had to be shut down frequently for technical reasons.
			2453.57	July' 08							
5	NTPL Tuticorin	2 x 500 MW	4909.54	12.05.2008	Power: (coal based)	5191.62	900.00	5809.02	900.00	132.37	A delay of about 31 months is anticipated on account of delay in supply and erection by M/s. BHEL.  Unit-I is nearing completion and in Unit-II erection works are in progress. For commissioning, Forest and wildlife clearances are required.
			6602.74	RCE 09/12/2013							

SL. No	Name of the Project	Capacity	Sanctioned cost & RCE I & II	Month & year of sanction	Grade of coal linkage	Cumm. Exp. Upto Mar 14	BE 2014-15	Actual 2014-15 Up to Dec 14	RE 2014-15	BE 2015-16	Status of the project
6	NNTPS (Neyveli New TPS)	2 x 500 MW	5907.11	09.06.2011	<u>Power:</u> Mine-1 & Expm and Mine 1A	339.15	1056.67	413.76	580.26	1291.95	LOA for Steam generator issued on 31.10.2013. LOA for Turbo generator issued on 23.12.2013. LOA for Balance of Plants issued on 30.04.2014. Detailed engineering activities and civil works are in progress
7	Wind Power	51 MW - (34 Units X 1.5 MW)	Est. cost Rs.364.75 crore LOA value Rs. 332.52 crore	Board & MOC approval in 2009 LOA in Aug-2013	Wind Power	41.28	59.00	105.41	241.36	49.88	Board and MOC has approved the Wind Power Project during the year 2009. Due to re-tendering, LOA was issued on Aug.2013 with a Schedule of 10 months for commissioning. So far 2 Wind Turbine Generators have been commissioned. The project is getting delayed due to slow progress in transfer of lands to NLC, supplies and erection by the contractor.



STATUS OF ON-GOING PROJECTS COSTING RS. 100 CRORES AND ABOVE IN SINGARENI COLLIERIES COMPANY LIMITED (SCCL) AS ON 31.12.2014

SL. NO.	NAME OF THE PROJECT	Type	Date of sanction	Capacity (MTPA)	Latest Approved Cost (Rs. Crs.)	Scheduled date of completion	Anticipated date of Completion	Production in MT 2013-14 Actual	Production in MT 2014-15 (upto Dec 2014)	Production in MT 2015-16 target	Status by the end of Dec. 2014
1	Indaram OCP (RCE)	OC	4.7.2011	1.20	162.76	2014-15	Kept on hold	0.00	0.00	0.00	Project is getting delayed due to social issues. Villagers are opposing the project.
2	JK-5 OCP RFR	OC	12.1.2011	2.50	131.21	2013-14	2015-16	2.08	0.76	2.50	Implementation of R&R is under progress.
3	Manuguru OCP (RFR)	OC	10.11.2012	1.50	431.45	2015-16	2015-16	0.00	0.00	0.00	Land acquisition and R&R implementation is under progress.
4	RKP OCP Phase-I	OC	29.03.2010	2.50	209.78	2014-15	2014-15	0.33	0.47	1.60	Forest Land (202.5 Ha) - MoEF issued final approval on 31.5.2013.. OB excavation has started in from 12.12.2013. Coal production commenced Feb. 2014.
5	Manuguru OC-II Extension (Phase-II) Project	OC	29.03.2010	3.00	181.19	2011-12	2016-17	2.02	2.08	3.00	Delay in diversion of forest land. Forest Land diversion (430.42 Ha) - Stage-I approval has been issued by MoEF on 30.6.2014. SCCL has to submit compliance report..

6	Ramagundam OC-II Extn.	OC	30.12.2009	4.00	418.97	2011-12	2015-16	1.02	0.17	1.20	Delay in diversion of forest land. Forest Land (147.42 Ha.) - MoEF issued final approval on 1.8.2013. Implementation of R&R is in process.
7	Kistaram OCP	OC	1.11.2010	2.00	242.29	2014-15	2018-19	0.00	0.00	0.00	Forest land and Non Forest land acquisition is under process.
8	Jalagam Vengala Rao Open Cast project – II	OC	04.07.2011	4.00	447.06	2014-15	2017-18	0.00	0.00	0.00	Forest land and Non Forest land acquisition is under process.
9	RG OC-III Ext Ph-II	OC	29.06.2012	2.00	365.01	2014-15	2015-16	0.00	0.30	5.00	Non Forest land acquisition and implementation of R&R are under process.
10	KK OCP	OC	24.07.2012	1.75	417.33	2015-16	2016-17	0.00	0.00	0.00	EC : EAC meeting held on 04.10.2013. MoEF has to issue final EC. Non-forestland acquisition is under process.
11	Adriyala Shaft Project	UG	24.12.2009	2.81	1228.39	2014-15 ( Feb'2015)	2015-16	0.15	0.28	2.11	Project has been delayed due to delay in supply of Longwall equipment . Production commenced from Oct. 2014.

12	Shanthikhani Longwall Project	UG	09.10.2006	1.17	249.03	2011-12	RCE is under preparation	0.06	0.06	0.36	In view of Geological disturbances, RCE has been taken up.
13	Jallaram Shaft Project	UG	14.09.2007	2.85	467.78	2012-13	Dropping proposed	0.00	0.00	0.00	In view of geological disturbances dropping of Project has been proposed.
14	Kakatiya Longwall Project	UG	15.12.2008	2.75	453.63	2012-13	RCE is under preparation	0.08	0.07	0.16	Delay of project is due to nil activity of TPO. Contract of TPO terminated on 7.03.2014. Further activity is under process.
	<b>Total</b>			<b>34.02</b>				<b>5.74</b>	<b>4.19</b>	<b>15.93</b>	

