

# 17

CHAPTER



Eco park towards  
Sustainable mining

## INFORMATION TECHNOLOGY



# INFORMATION TECHNOLOGY

- In the year 2015-16, Ministry of Coal accelerated its endeavours to surge ahead in the path of e-Governance. Working closely with NIC, the Ministry geared up its efficiency of digital services delivery, augmented e-infrastructure and worked towards development of e-skills and promotion of IT environment in the Ministry.
- An IT based Computer Centre, is operational in the Ministry equipped with latest computer systems for delivering and implementing secure computer based applications and solutions, database support, Internet, email, network and video conferencing facilities.
- This year Ministry of Coal has adopted Government of India's Meghraj Cloud technology to ensure optimum utilization of infrastructure and speed up the development and deployment of e-Governance applications.
- The official website of Ministry of Coal – <http://coal.gov.in> is bilingual, user-friendly and provides an easy navigation and quick access to important and latest up-to-date information. A clutter-free responsive design helps the end user to access the site on all handheld devices. Links are also provided in the header section to guide the visitors to the Twitter and Facebook pages of the Ministry. The site provides rich updated content such as details of senior officers, organisational setup of the Ministry, subordinate offices links, policies, annual reports, publications, acts, rules, notifications, policies, RTI disclosures etc. Besides, a website for Minister's office – <http://ujwalbharat.gov.in> is hosted and maintained by the Ministry. The site highlights the initiatives and achievements of Ministry of Coal, Power and NRE looked after by Hon'ble Minister.
- Coal Projects Monitoring Portal has been successfully implemented in the Ministry. This comprehensive MIS links all stake holders of coal sector – industry, coal companies, State Governments, Ministries/Departments and Ministry of Coal. Coal projects with their pending issues with various States or departments are submitted into the system. These issues are closely monitored, discussed and resolved on this platform thereby eliminating cumulative information seeking and decision making delays.
- E-File is successfully adopted in Ministry of Coal. Gradually more physical files from all sections of the Ministry being handled electronically. Coal E-Office is operational in Ministry of Coal with an aim to support e-governance by ushering in more effective and transparent inter and intra-government processes. The vision of e-Office is to achieve a simplified, responsive, effective and transparent working.
- Ministry of Coal has developed a workflow based Online Coal Clearances Portal to provide a single window access to its investors to submit online applications for all the permissions / clearances and approvals granted by Ministry of Coal. The portal has been made ready for launch. This will act as a dashboard for all stakeholders who are involved and interested to obtain clearances. Coal Clearances portal of Ministry of Coal has been integrated with e-Nivesh Portal of Cabinet Secretariat as well.
- NIC has conducted a detailed study to develop a comprehensive integrated MIS to monitor Coal Blocks and Coal Linkages. The study has covered analysis of workflow and flow of information among stakeholders for coal blocks and linkages. All requirements have been assessed and the Functional Requirement Study report is being finalized in the Ministry.
- Coal Allocation Monitoring System (CAS) is developed to monitor the allocation of coal by Coal India Limited (CIL) to States, States to State Nominated Agencies (SNA) and SNA to consumers in a transparent manner. The system is designed to cater to the consumers through SNA in small and medium sector (erstwhile non-core sector) whose annual consumption is less than 4200 metric tonnes per annum and is otherwise not having any access to purchase coal or conclude Fuel Supply Agreement (FSA) for coal supplies with coal companies. enhancements,

audit etc. Testing of the system is under progress for tentative launch by Hon'ble Minister in the month of January 2016.

- Letters MIS has been introduced in PRIW Section of Ministry of Coal. This user friendly in-house product has been designed so that multiple letters bearing same subject and requiring same action by Ministry / coal companies are managed systematically.
- Some of the main office automation software being used in the Ministry for day to day working are: Biometric Attendance system, Coal Assurances Monitoring System, Comprehensive DDO for Payroll, Budget Reports MIS, Intracoal Dashboard for pay slips, Income Tax and GPF online etc.
- Ministry has implemented Intra-Ministry and inter-Ministry official communication on NIC email to save time and reduce paper movement. All regular external reports that are to be provided to other Ministries/departments by the Ministry are provided from the website of the Ministry.
- E-governance applications have been implemented in the Ministry and are being actively used in the Ministry. A few of these are RTIMIS to manage RTI cases, AVMS for monitoring ACC vacancies, CPGRAMS for public grievances, Parliament Questions and Supplementary MIS, Court Cases Monitoring, etc.

Loading of Coal by backhoe excavator in a dumper



## ANNEXURE



## STATUS S OF ON-GOING PROJECTS COSTING RS. 100 CRORES AND ABOVE IN COAL INDIA LIMITED AS ON 31.01.2016

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
1	BCCL	BLOCK-II UG CM (I/II SEAM)	UG	Dec-09	0.45	113.37	Mar-14	Mar-19	0.00	0.00	0.00	Delayed due to signing of agreement by one of the parties of Consortium.
2	BCCL	KAPURIA BLOCK	UG	Aug-11	2.00	988.35	Mar-17	Mar-17	0.00	0.00	0.00	On Schedule
3	BCCL	MOONIDIH XV SEAM	UG	Aug-11	1.50	1230.27	Mar-19	Mar-19	0.00	0.00	0.00	On Schedule
4	BCCL	MURAIIDIH-CM SM-III/ I/II	UG	Feb-11	2.00	339.88	Mar-15	Mar-16	0.00	0.00	0.00	Delayed due to acquisition of land and approval of DPR.
5	BCCL	NORTH TISRA & SOUTH TISRA	OC	Feb-14	6.00	555.52	Mar-21	Mar-21	0.00	3.23	3.05	On Schedule
6	CCL	AMRAPALI	OC	Feb-12	12.00	858.11	Mar-19	Mar-19	0.00	2.55	7.00	On Schedule
7	CCL	ASHOK EXPN.(10 MTY)	OC	Dec-07	10.00	341.63	Mar-11	Mar-17	7.50	6.48	8.00	(i)Initially delayed due to delay in release of forest land, which is in possession now (ii) Land authentication and Law & order problem
8	CCL	CHURI-BENTI CM	UG	Aug-07	0.81	165.51	Mar-11	Mar-16	0.03	0.03	0.03	Delayed due to FC and handover of sight
9	CCL	GOVINDPUR PH-II	OC	Dec-09	1.20	142.11	Mar-14	Mar-15	1.71	1.91	2.00	Delayed due to delay in release of forest land
10	CCL	KARMA	OC	Jun-09	1.00	162.46	Mar-14	Mar-17	0.40	0.58	0.65	Delayed due to delay in release of forest land & land Authentication
11	CCL	MAGADH EXPN.	OC	Aug-08	20.00	706.40	Mar-17	Mar-17	0.00	0.00	3.50	On Schedule
12	CCL	NORTH URIMARI	OC	Dec-07	3.00	179.87	Mar-12	Mar-17	0.15	0.50	0.90	Delayed due to delay in hand over of forest land, which in progress.
13	CCL	PAREJ EAST	UG	May-08	0.51	128.89	Mar-12	Mar-22	0.00	0.00	0.00	Delayed due to delay in release of forest land

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									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
14	CCL	PURNADIH	OC	Jul-08	3.00	210.98	Mar-13	Mar-16	1.49	2.00	1.80	Delayed due to delay in FC and authentication & possession of non forest land.
15	CCL	RAJRAPPA (RCE)	OC	Dec-09	3.00	510.85	Mar-16	Mar-16	0.80	1.31	1.25	On Schedule
16	CCL	ROHINI EXPN.(EPR)	OC	Sep-08	2.00	105.67	Mar-11	Mar-17	0.73	0.55	1.50	Delayed due to delay in release of forest land
17	CCL	TAPIN	OC	Aug-08	2.50	264.68	Mar-12	Mar-16	1.09	1.22	1.90	Delayed due to delay in receiving FC and handing over of site
18	ECL	CHITRA EAST(2.50 Mty)	OC	Aug-07	2.50	112.69	Mar-13	Mar-16	1.42	1.74	2.00	Delay in FC, legal handover of J.B land and transfer of Govt. land
19	ECL	HURA C	OC	Sep-15	3.00	359.69	Mar-22	Mar-22	0.00	0.00	0.00	On Schedule
20	ECL	JHANJURA 2ND CM (UCE)	UG	May-11	0.51	147.20	Mar-15	Mar-16	0.00	0.52	0.51	Delay in finalization of tender for CM
21	ECL	JHANJURA LOW HEIGHT CM	UG	Feb-15	0.72	127.72	Mar-18	Mar-18	0.00	0.00	0.00	On Schedule
22	ECL	JHANJURA PSLW(R-VI)	UG	Nov-06	1.70	287.17	Mar-10	Mar-17	0.00	0.00	0.60	Delay in finalization of tender for PSLW
23	ECL	KOTTADIH CM (PR PH-1)	UG	May-11	0.60	127.17	Mar-16	Mar-16	0.00	0.28	0.00	On Schedule
24	ECL	KUMARDIH-B CM (UCE)	UG	May-14	1.02	117.91	Mar-23	Mar-23	0.00	0.07	0.00	On Schedule
25	ECL	NARAIKURI	UG	Feb-09	0.54	149.06	Mar-15	Mar-17	0.00	0.00	0.00	Delay in Shaft sinking and Env. Clearance
26	ECL	NEW KENDA	OC	Nov-14	1.20	127.27	Mar-18	Mar-18	0.00	0.00	0.20	On Schedule
27	ECL	RAJMAHAL EXPN (17)	OC	Sep-09	17.00	1107.77	Mar-14	Mar-16	14.32	15.92	16.13	Delayed due to delay in R & R activities because of resistance from villagers.



SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
28	ECL	SARPI(RCE)/AUG.	UG	Jun-08	0.76	147.86	Mar-11	Mar-16	0.69	0.61	0.68	Completion report under approval
29	ECL	SONEPUR-BAZARI COMB.	OC	Aug-12	8.00	1055.05	Mar-18	Mar-18	6.40	6.41	7.50	On Schedule
30	MCL	ANANTA EXPN.PH-III(15 MTY)	OC	Aug-08	3.00	207.28	Mar-12	Mar-16	0.00	0.00	0.00	Delayed due to Stage I FC pending at MoEF & CC
31	MCL	BALARAM EXTN.	OC	Dec-07	8.00	172.08	Mar-10	Dec-16	4.57	3.70	7.45	Delayed due to non allotment of R&R site by State Govt.
32	MCL	BASUNDHARA(WEST) EXTN.	OC	May-14	7.00	479.15	Mar-19	Mar-19	4.78	3.72	0.00	On Schedule
33	MCL	BHARATPUR PH-III	OC	Feb-07	9.00	131.39	Mar-10	Mar-17	1.58	0.00	12.90	Delayed due to delay in FC and handover of forest land, which is in progress.
34	MCL	BHUBANESWARI OCP	OC	Dec-07	20.00	490.10	Mar-17	Mar-17	24.45	25.00	25.00	On Schedule
35	MCL	GARIJBAHAL OCP	OC	Nov-14	10.00	1375.38	Mar-21	Mar-21	0.00	0.00	0.00	On Schedule
36	MCL	GOPALJI KANIHA EXPN	OC	Sep-15	30.00	4384.41						On Schedule
37	MCL	GOPALPRASAD	OC	Feb-08	15.00	395.87						Allotment of block cancelled
38	MCL	HINGULA EXPN.PH-III	OC	Nov-08	7.00	479.53	Mar-13	Mar-16	0.00	0.00	0.00	Delayed due to FC. Stage II pending at state level.
39	MCL	JAGANNATH RO OCP	OC	May-14	6.00	337.66	Mar-19	Mar-19	0.00	0.00	0.10	On Schedule
40	MCL	KANIHA OCP	OC	Dec-07	10.00	457.77	Mar-13	Mar-16	4.53	6.99	10.00	Delayed due to Stage-I Forestry clearance pending at state level. Initially delayed due to delay in construction of MGR by NTPC, which is complete & operating.

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
41	MCL	KULDA	OC	Jan-05	10.00	302.96	Mar-12	Mar-17	5.27	4.80	7.00	Delayed due to delay in completion of Jharsuguda-Barpali Railway Line by S.E. Rly (Scheduled compl. Oct-09 now ant June-2016), resulting coal evacuation problem.
42	MCL	KULDA EXPN	OC	Jun-14	5.00	289.03	Mar-18	Mar-18	0.00	0.00	0.00	On Schedule
43	MCL	LAKHANPUR-BELPAHAR-LILARI	OC	Aug-15	30.00	3017.54			0.00			On Schedule
44	MCL	SIARMAL	OC	May-14	40.00	3756.36	Mar-26	Mar-26	0.00	0.00	0.00	On Schedule
45	MCL	TALABIRA	OC	Mar-08	20.00	447.72	Mar-16	Mar-16	0.00	0.00	0.00	On Schedule
46	NCL	AMLOHRI EXPN	OC	Dec-09	10.00	1670.65	Mar-16	Mar-16	8.51	10.00	10.00	On Schedule
47	NCL	KHADIA EXPN.	OC	Jun-11	10.00	1720.03	Mar-18	Mar-18	5.14	5.33	6.00	On Schedule
48	NCL	KRISHNASILA (RPR)	OC	Jun-11	4.00	741.62	Mar-13	Mar-16	4.00	4.95	5.00	Delayed due to construction of CHP, which is in progress and rail connectivity to the CHP
49	NCL	NIGAHI EXPN.PH-II(15MTY) RCE	OC	Oct-15	15.00	2333.06				13.66	15.00	On Schedule
50	SECL	AMERA UCE	OC	Feb-15	1.00	335.97	Mar-08	Mar-18	0.85	1.00	1.35	Delay in Construction of CHP
51	SECL	AMGAON RCE	OC	Jul-15	1.00	316.10	Mar-20	Mar-20	0.98	0.77	1.00	On Schedule
52	SECL	AMLAI EXPN.SEC-B	OC	Nov-09	1.50	198.59	Mar-16	Mar-16	0.67	0.70	0.70	On Schedule
53	SECL	AMRITHARA OC	OC	Feb-15	2.00	481.60	Mar-23	Mar-23	0.00	0.00		On Schedule
54	SECL	BAGDEVA RPR	UG	Mar-11	0.75	117.60	Mar-14	Mar-16	0.49	0.56	0.52	Delay in Construction of CHP
55	SECL	BAROUD EXPN(RAI WEST)	OC	Jul-08	3.00	135.58	Mar-15	Mar-18	3.50	3.50	3.50	Delayed due to possession of land and delay in Stage I FC.
56	SECL	BATURA (HIGHWALL)	UG	Jul-15	0.50	231.92	Mar-20	Mar-20	0.00			On Schedule

SL.	SUB	PROJECT	TYPE	DATE OF SANC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
57	SECL	BIJARI OC	OC	May-14	1.50	164.49	Mar-20	Mar-20	0.00	0.00		On Schedule
58	SECL	CHHAL (SEAM-III)	OC	Dec-13	6.00	610.63	Mar-19	Mar-19	0.00	0.00		On Schedule
59	SECL	CHURCHA RE-ORG	UG	Jun-08	1.35	462.35	Mar-14	Mar-16	1.43	1.40	1.69	Delay in commissioning of CM Package
60	SECL	DIPKA EXPN. (20-25 MTY)	OC	Dec-09	25.00	1943.66	Mar-14	Mar-16	29.20	31.00	31.00	Major activities of the project have been completed.
61	SECL	DURGAPUR	OC	Feb-15	6.00	916.24	Mar-23	Mar-23	0.00	0.00		On Schedule
62	SECL	GEVRA EXPN (35 MTY)	OC	Jun-10	35.00	2675.67	Mar-14	Mar-16	38.70	41.00	41.00	Some major activities like R & R, conveyor system and HEMM procurement delayed.
63	SECL	JAGANNATHPUR (MAHAN-III&IV)	OC	Sep-08	3.00	152.43	Mar-15	Mar-17	0.00	0.00		Delayed due to delay in possession of land and grant of FC
64	SECL	JAMPALI RCE	OC	Oct-11	2.00	142.58	Mar-14	Mar-16	0.00	0.60	1.15	Delay in FC
65	SECL	KANCHAN EXPN	OC	Dec-14	2.00	371.04	Mar-21	Mar-21		0.75		On Schedule
66	SECL	KARTALI EAST	OC	Jul-08	2.50	178.44	Mar-14	Mar-16	0.00	0.00		Delay in FC
67	SECL	KUSMUNDA OCP	OC	Aug-13	50.00	7612.33	Mar-21	Mar-21	18.42	18.75	22.25	On Schedule
68	SECL	MADANNAGAR	OC	Sep-15	12.00	1875.32			0.00			On Schedule
69	SECL	MAHAN (RCE)	OC	Jan-13	0.36	148.72	Mar-09	Mar-16	0.06	0.12	0.35	Could not achieve production as Contractor did not perform and left the work. Tendering under process
70	SECL	MAHAN-II(RCE)	OC	May-14	1.00	113.05	Mar-16	Mar-16	1.00	1.51	2.00	On Schedule
71	SECL	MANIKPUR EXPN.	OC	Nov-09	3.50	321.50	Mar-14	Mar-16	3.22	3.50	3.50	Delayed due to delay in getting EC & FC.
72	SECL	PELMA	OC	Nov-14	15.00	1624.59	Mar-21	Mar-21	0.00	0.00		On Schedule

SL.	SUB	PROJECT	TYPE	DATE OF SAMC	CAPACITY (MTY)	SANCTION CAPITAL	SCHEDULED DATE OF COMPLETION	ANTICIPATED DATE OF COMPLETION	PRODUCTION (MTY)			STATUS
									ACT 2013-14	ACT 2014-15	TARGET 2015-16	
73	SECL	RAINAGAR	OC	Dec-14	1.70	357.79			0.00	1.32	1.20	On Schedule
74	SECL	RAMPUR BATURA	OC	Aug-15	4.00	1186.64						On Schedule
75	WCL	ADASA UG TO OC	OC	Aug-15	1.50	300.89	Mar-23	Mar-23	0.00	0.00	0.41	On Schedule
76	WCL	BHANEGAON RPR	OC	Feb-15	1.00	187.94	Mar-23	Mar-23	0.00	0.00	0.00	On Schedule
77	WCL	DINESH (MAKRADHAKRA-III)	OC	Nov-14	4.00	611.16	Mar-19	Mar-19	0.00	0.00	0.00	On Schedule
78	WCL	GOKUL OC	OC	Nov-14	1.50	267.67	Mar-18	Mar-18	0.00	0.00		On Schedule
79	WCL	JUNAD EXTN.	OC	Feb-15	0.60	118.14	Mar-17	Mar-17	0.42	0.41	0.60	On Schedule
80	WCL	MAKARDHOKRA-I	OC	Sep-14	2.00	266.23	Mar-21	Mar-21	0.00	0.07	1.00	On Schedule
81	WCL	NEW MAJRI UG TO OC	OC	May-15	0.80	295.56	Mar-19	Mar-19	0.00	0.00		On Schedule
82	WCL	PAUNI II & III AMLGMTD	OC	Jun-15	3.25	483.69	Mar-21	Mar-21	0.00			On Schedule
83	WCL	PENGANGA	OC	Sep-14	4.00	441.82	Mar-20	Mar-20	0.00	0.00	0.40	On Schedule
84	WCL	SINGHORI	OC	Jun-15	0.85	205.49	Mar-20	Mar-20	0.00	0.00	0.00	On Schedule
85	WCL	YEKONA-I & II AMLGMTD	OC	Aug-15	2.75	727.28	Mar-24	Mar-24				On Schedule

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 Project	Capacity	Sanctioned cost and RCE I & II	Month & year of sanction	Grade of coal linkage	Cummu. Exp. Upto Mar-15	BE 2015-16	Actual 2015-16 up to Jan-16 since Inception	RE 2015-16	BE 2016-17	Status of project	
1	Mine II Expansion	4.5 MTPA	2161.28	Oct-04	Lignite: TPS II Expansion	2,023.12	28.28	2,029.16	26.80	9.69	The project has been commenced on 12.03.2010	
			2295.93	Jul-08								
			2125.83	Apr-12								
2	Barsingsar Mine, Rajasthan	2.1 MTPA	254.07	Dec-04	Lignite: TPS at Rajasthan	213.52	2.50	213.88	1.60	1.05	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 *125 MW	1114.18	Dec-04	Power: Mine at Rajasthan	1,840.08	-	1,840.08	14.83	-	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											
(In Rs Crore)											
Sl no	Name of Project	Capacity	Sanctioned cost and RCE I & II	Month & year of sanction	Grade of coal linkage	Cummu. Exp. Upto Mar-15	BE 2015-16	Actual 2015-16 up to Jan-16 since Inception	RE 2015-16	BE 2016-17	Status of project
4	TPS II Expn.	2*250 MW	2030.78	Oct-04	Power: Mine II Exp	3,185.95	74.63	3,221.08	74.63	120.02	Unit-I of TPS-II Expansion was commissioned on 05.07.2015 and Unit II was commissioned on 22.04.2015. The project suffered a delay of 73 months. The reason for initial delay was delayed start of works and non-mobilization of adequate manpower by BHEL, the main plant package contractor and the recurring technical problems after synchronization impeding operation of the unit continuously and sustain full load. The 250 MW steam generators of this project employ "Circulating Fluidized Bed Combustion" technology for the first time in the country. Even after commissioning, both the units are yet to be stabilized and could not be put in continuous operation.
			2453.57	Jul-08							
			3027.59	Apr-12							
			3583.77	23.06.2015 (RCE-III)							
5	NTPL Tuticorin	2.1 MTPA	4909.54	12.05.2008	Power: Coal based	6,115.69	132.37	6,568.73	674.48	491.83	Unit-I of NTPL was commissioned on 18.06.2015 and Unit II was commissioned on 29.08.2015. The project has suffered a delay of 35 months. The main reasons for delay are delay in finalization of the sub contractors, poor mobilization of resources especially the manpower and slow progress of civil and erection works, attributable to BHEL as well as other contractors.
			6602.74	RCE 9/12/2013							

6	NNTPS	2*500 MW	5907.11	09.06.2011	Power: Mine-1 & Expn and Mine 1A	784.75	1,291.95	1,373.77	950.95	950.00	<p>Detailed engineering activities, civil works and supplies are in progress for Steam generator and turbo generator packages for unit-I and unit-II. All civil activities were completed, except Mill wall final lift, mill Deck concreting and backfilling. In respect of balance of plant package, civil works are in progress</p> <p>The following issues are being faced:</p> <ul style="list-style-type: none"> <li>• Delay in start of main boiler erection due to delay in receipt of main boiler columns (scheduled date: 31.12.2014).</li> <li>• Structural fabrication and erection in power house of unit 1 and unit 2</li> <li>• TG deck column casting up to deck in unit-1</li> <li>• Start of condenser and TG erection.</li> <li>• The progress of BOP package is very slow. The firm M/s EPIL has been addressed in this regard</li> </ul>
7	Wind Power	51 MW (34 units*1.5 MW)	Est cost Rs. 364.75 crore LOA Value Rs. 332.52 crore	Board & Moc approval in 2009 LOA in Aug-13	Wind power	128.27	49.88	191.25	204.25	-	<p>Fourteen WTGs of 21 MW capacity have been commissioned upto January 2016. The project was delayed due to slow progress in transfer of lands to NLC, supplies and erection. The overall progress of the project is 72.00%. Extension of time (EOT) has been granted up to 31st March 2016.</p>

8	Expansion of Mine I-10.50 MTPA area Expansion and Expansion of Mine IA (From 3.0 to 7.0 MTPA) Project	13.50 to 17.50 MTPA	1,458.17	30.04.2013	Power: NNTPS	8.19	408.94	14.59	86.77	279.53	<p>Ministry of Coal has accorded approval for mining plan of the project on 16th June 2015</p> <p>Letter of Award (LOA) for outsourcing mine development quantity was approved by Board on 27th August 2015.</p> <p>Environmental Clearance has been accorded by MOE&amp;F on 2nd September 2015.</p> <p>Mine Development activities in Mine-IA commenced on 24th September 2015 through outsourcing mode</p>
9	Hadla Mine Project	1.9 MTPA	522.45	23.03.2015	Power: Barsingsar Extension power Project	2.67	48.08	2.56	0.02	50.05	<p>Application for mining lease submitted on 15.05.2014.Acquisition of private land and Government land is pending. For private lands notification under section 4 issued on 31.05.2012 and notification under section 6 issued on 30.05.2013.</p> <p>Award has been prepared and sent by LAO through Collector / Bikaner to JS/ Mines , Govt of Rajasthan on 03.06.2015. However, villagers did not permit the team sent by LAO to conduct survey and this was in turn communicated to JS/ Mines , Govt of Rajasthan</p>
10	Barsingsar Extension power Project	1*250 MW	2,112.59	23.03.2015	Hadla Mine Project	0.41	50.00	0.45	0.22	190.00	<p>NLC Board in its 448<sup>th</sup> meeting held on 23<sup>rd</sup> March 2015 has accorded approval for establishing the project</p> <p>Combined single EPC tender for shortlisting of the bidders for both Bithnok and Barsingsar Extension power project was floated on 28.08.2015. Tender opened on 04.01.2016.Seven bidders participated and scrutiny is under progress.</p>



11	Bithnok Mine Project	2.25 MTPA	513.63	23.03.2015	Bithnok Power Project	46.73	66.39	67.23	35.33	6.31	<p>Stage I F received on 02.12.2015. EC yet to be received.</p> <p>Application for revised mining lease submitted on 24.04.2014.</p> <p>Based on Stage I FC, mining lease requires to be granted by Government of Rajasthan. Private, Government and Forest lands are yet to be transferred to NLC.</p> <p>Compensation to the tune of Rs.94.56 crore has been disbursed to private land owners (125 out of 135 Khata have been paid compensation).</p> <p>Special request has been made to Secretary /Revenue, GoR on 6th October 2015 to expedite transfer of land in favour of NLC.</p>
12	Bithnok Power Project	1*250 MW	2,196.30	23.03.2015	Bithnok Mine Project	38.74	50.00	38.74	7.93	190.00	<p>NLC Board in its 448<sup>th</sup> meeting held on 23<sup>rd</sup> March 2015 has accorded approval for establishing the project . Combined single EPC tender for shortlisting of the bidders for both Bithnok and Barsingar Extension power project was floated on 28.08.2015. Tender opened on 04.01.2016.Seven bidders participated and scrutiny is under progress.</p>
13	Solar Power Project Neyveli	130 MW	650 (approx.)	Dec.2015	-	-	0.25	0.06	2.20	585.00	<p>NLC Board in its meeting held on 17<sup>th</sup> December 2015 has accorded approval for installation of Solar power projects of 130MW at Neyveli. NIT was issued on 13th January 2016 with scheduled date of opening on 8th March 2016.</p>

14	Solar Power Project, Barsingsar	130 MW	650 (approx.)	Dec,2015	-	0.12	0.34	-	17.00	585.00	NLC Board has accorded approval on 17th December 2015 for installation of Solar projects of 125MW at Barsingsar. NIT was issued on 13th January 2016 with scheduled date of opening on 8th March 2016. Action for registration of 130 MW SPP with RREC is in progress.
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## STATUS OF ON-GOING PROJECTS COSTING RS. 100 CRORES 5 AND ABOVE IN SINGARENI COLLIERIES COMPANY LIMITED (SCCL) AS ON 31.01.2016

Sl. No	Name of Project	Type	Date of Sanction. FR/ RCE	Capacity in MTPA	Latest Sanction cost Rs.Crs	Scheduled date of completion	Anticipated date of completion	Production in 2014-15 (MT)	Production in 2015-16 as on Jan, 2016 (MT)	Production target in 2016-17 (MT)	Status by the end of January, 2016
1	JK-5 OCP	OC	12.01.2011/ 19.4.2014	2.500	131.200	2012-13	2015-16	1.392	2.082	2.500	Delay in implementation of R&R.
2	Srirampur OC-II	OC	20.10.2004/ 16.10.2015	3.100	407.380	2009-10	2016-17	2.54	2.148	2.500	Delay in diversion of Forest land and R&R implementation. RCE is approved on 16.10.2015. due to increase in land cost and R&R as per New LARR act, cost are increased
3	Adriyala Shaft Project	UG	29.09.2006/ 24.12.2009/ 27.8.2014	2.810	1228.390	Sept'2012	31.03.2016	0.707	1.462	2.800	Commissioning of LW equipment is completed and production from Longwall Panel No.1 is commenced from 15.10.2014. Completion report will be put up to technical committee after the completion of this financial year.
4	Shanthi khani Longwall project	UG	09.10.2006	1.167	249.030	2011-12	RFR	0.084	0.085	0.380	Revised Feasibility Report (RFR) is under preparation in view of geological disturbances found with in the mine property.
5	Kakatiya Longwall Project	UG	15.12.2008	2.747	453.630	2012-13	2016-17	0.114	0.090	0.160	Delay of project is due to nil activity of TPO due to which contract on TPO is terminated on 7.03.2014. Tender floated on 27.12.2014 for new TPO. Proposal is dropped as only one bidder qualified.. It is proposed to drop the TPO concept and further action is under study.
6	RG OC-II Extension Project	OC	30.12.2009	4.000	489.620	2011-12	2017-18	0.7	1.100	1.200	Delay in diversion of forest land. RCE is approved on 16.10.2015 due to increase in land cost and R&R.
7	RKP OCP Phase-I	OC	29.3.2010	2.500	209.780	2014-15	2016-17	0.902	0.636	2.100	Production form the Project has commenced from March, 2014. After achieving the desired production completion report will be put up to the ensuing Board.

Sl. No	Name of Project	Type	Date of Sanction. FR/RCE	Capacity in MTPA	Latest Sanction cost Rs.Crs	Scheduled date of completion	Anticipated date of completion	Production in 2014-15 (MT)	Production in 2015-16 as on Jan, 2016 (MT)	Production target in 2016-17 (MT)	Status by the end of January, 2016
8	Manuguru OC-II Extension (Phase-II)	OC	29.3.2010	3.000	181.190	2011-12	2016-17	3.323	2.877	3.000	Production from the project has commenced. Completion is delayed in diversion of forest land( 430.42 Ha)
9	Kistaram OCP	OC	1.11.2010	2.000	242.290	2014-15	2019-20	0.00	0.00		Delay in diversion of forest land and implementation of R&R.
10	Indaram OCP RCE	OC	4.7.2011	1.200	162.760	2014-15	Kept on hold	0.00	0.00		Delay in acquisition of private land as villagers are opposing upcoming OC Project.
11	JVR OC-II	OC	4.7.2011	4.000	447.060	2014-15	2017-18	0.00	0.00	0.500	Delay in diversion of forest land and implementation of R&R.
12	RG OC-III Ext Ph-II	OC	29.06.2012	2.000	365.010	2014-15	2016-17	0.00	0.052	1.500	Production from the Project commenced from 11.1.2016. Project was delayed due to approval for diversion of Jallaram -vagu
13	KKOCP	OC	24.07.2012	1.750	417.330	2015-16	2016-17	0.00	0.00		Delay due to acquisition of NF land and implementation of R&R.
14	Manuguru opencast Project	OC	10.11.2012/ 13.5.2015	1.500	486.270	2015-16	2016-17	0.00	0.00		Delay due to acquisition of NF land and implementation of R&R.
15	KTK OC-II	OC	13.5.2015	1.250	397.090	2018-19	2018-19	0.00	0.00		Project activities are in initial stages
16	KOC III	OC	16.10.2015	3.600	426.790	2017-18	2017-18	0.00	0.00		Project activities are in initial stages
17	KK 6 Incline	UG	29.12.2015	0.800	477.650	2019-20	2019-20	0.00	0.00		Project activities are in initial stages
	Total			39.92				9.76	10.53	16.64	

## Annexure-II

## Audit Para

## Present status of the Audit Para No.3.3 of Report No. 21 of 2015

Sl.No	Para No. / Report No.	Summary of the audit observation	Present status
1.	Para No.3.3 of Report No. 21 of 2015 – Commercial Audit Observations (Vol I)	<p>The Dankuni Coal Complex (DCC) was established at a cost of Rs.147 crore in 1990 as a unit of Coal India Limited (CIL) based on the recommendations of the Fuel Policy Committee, 1974 of Government of India (GOI), and the Working Group Nos. 9 and 10 of the Planning Commission (1974). Later, CIL handed over DCC to South Eastern Coalfields Limited (SECL) for running the plant on operating lease basis in April 1995 and renewed the lease subsequently at an annual lease rent of Rs.7.50 crore followed by further renewal of lease w.e.f. 1<sup>st</sup> April, 2010 at Rs 1 per annum.</p> <p>Audit observed that DCC did not operate efficiently since inception so as to achieve financial viability. DCC, did not take effective measures to control environmental pollution. The Unit has been sustaining loss (Rs 650.97 crore as on 31<sup>st</sup> March, 2014). Audit examination revealed:-</p> <ul style="list-style-type: none"> <li>* Operation far below installed capacity as there was no capital infusion for revival /capital rehabilitation of the plant.</li> <li>* Outdated technology</li> <li>* Poor off take of gas by customer</li> <li>* Non-remunerative price obtained from customer</li> <li>* Poor sale of by - products</li> <li>* Absence of marketing strategy.</li> </ul> <p>Neither DCC nor SECL or CIL took any coordinated and productive steps to address the core issues pointed out above which would have helped DCC to get its financial health restored.</p>	Pending