Annexure-I

Date	Milestones in Coal sector
1972 and 1973	Nationalisation of coal mines was done in two phases. In the first phase (1972), coking coal mines were nationalised. In the second phase (1973) non-coking coal mines were nationalised. Coal mines that could not be nationalised were allowed to be worked by private lease holders.
November 1975	Coal India Limited (CIL), a holding company, under the Ministry of Coal (MoC), was set up.
1976	The Coal Mines (Nationalisation) Amendment Act, 1976 was enacted which *inter alia* terminated all the mining leases with the private lease holders, except those of iron and steel producers who were allowed by the Act to carry on coal mining for captive use.
14 July 1992	In order to implement the provisions for captive mining of coal contained in Coal Mines (Nationlisatoin) Amendment Act, 1976, a Screening Committee was set up by MoC under the chairmanship of Secretary (Coal) through an administrative order to consider applications made by various companies interested in captive mining and to allocate coal blocks for development, subject to the provisions of statutes governing coal mining. A number of coal blocks, which were not in the production plan of CIL and the Singareni Collieries Company Limited (SCCL), were identified in consultation with CIL/SCCL and a list of 143 coal blocks were prepared and placed on the website of the MoC for information of public at large.
June 1993	The Coal Mines (Nationalisation) Amendment Act, 1993 was passed which allowed Indian companies engaged in generation of power, in addition to the iron and steel producers, to carry out coal mining for their captive use. It also allowed washing of coal obtained from a mine at the pit head by private companies.
15 March 1996	Cement sector was notified as an end use by inserting an enabling provision in the Coal Mines (Nationalisation) Act.
February 1997	The Cabinet approved a proposal to amend the Coal Mines (Nationalisation) Act, 1973 to allow non-captive coal mining by an Indian Company.
24 April 2000	The Coal Mines (Nationalisation) Amendment Bill 2000 was introduced in the Rajya Sabha, seeking allocation of coal blocks to Indian companies

	for commercial mining. The said bill met with stiff opposition from the trade unions, who expressed concerns over the possibility of unscientific mining and labour exploitation. The bill is pending in the House.
28 December 2005	A seven member Expert Committee on Coal sector Reforms (headed by Shri T. L. Sankar, Chairman Energy Group Administrative Staff College of India) constituted by the GoI to prepare a comprehensive roadmap for the modernisation of the coal sector submitted its report to the Prime Minister.
February 2006	The Government permitted 100 per cent Foreign Direct Investment under the Automatic Route for captive coal mining by companies in the power, iron and steel and cement sectors and other eligible activities permitted under the Coal Mines (Nationalisation) Act.
12 July 2007	Production of synthetic gas obtained through coal gasification (underground and surface) and coal liquefaction were notified as specified end uses for the purpose of captive mining.
17 October 2008	The Mines and Minerals (Development and Regulation) Act (MMDR Act), 1957 Amendment Bill was introduced in the Parliament. It envisaged making the system of competitive bidding applicable to all minerals covered under the said Act.
08 September 2010	The MMDR Amendment Act, 2010 was enacted.
02 February 2012	MoC notified the Auction by Competitive bidding of Coal Mines Rules, 2012.

Annexure-II

Major Recommendations of the Expert Committee Report on Road Map for Coal Sector Reforms (Chaired by Shri T.L. Sankar) 2005

Government of India, MoC constituted a seven member committee under the Chairmanship of Shri T.L. Sankar on December 2004. The Expert Committee was to prepare a comprehensive road map for the modernization of the coal sector. The committee submitted Part-I of the Report in December 2005 which basically covered issues of immediate relevance i.e. short to medium term (2011-12) issues. The present Performance Audit Report has considered the recommendations of the Expert Committee vis-à-vis the actions taken by MoC in this regard. The salient features of the recommendations are given below:

- To keep the import option functioning as an essential supply option along with the regulation of price in the Indian coal industry which would ensure least cost supply of coal for power generation while allowing a competitive and transparent coal market to supply the needs of other consumers.
- Railways should in consultation with Planning Commission and Ministries of Coal and Power to determine the main corridors through which coal would move in very large quantities to power plants and examine the cost and feasibility of setting up of dedicated trunk-routes for coal transport.
- Organisation having long experience in importing coal be co-opted in implementing short term supply management programme.
- Elevation of status of CIL.
- Emphasise on the role of captive mining to contribute significantly to production of coal in the short to medium term..
- The procedures and processes of allocation of coal blocks needed to be improved to expedite the allotment of the captive coal blocks in a transparent and effective manner.
- Releasing coal blocks with inferred and indicated categories of reserves for captive mining would not likely to achieve the objective of increasing the number of players in coal mining in the short to medium term.
- Production from captive blocks during mine development or periodic surpluses during mine operations must be sold to CIL / SCCL at a negotiated price with a band of plus or minus 10 percent of CIL price for the same quality of Coal.
- Major delays occur, in most cases, in obtaining environmental clearance, approval for land and mining leases from the concerned State Governments and the subsequent land acquisition process. MoC should take a proactive role in monitoring the approvals and clearance by the State authorities. An empowered high powered committees of Secretaries

should be set up for the purpose to consider the application for environment clearances within a time frame of four to six months.

- Submission of Bank Guarantee, 50 per cent of which linked to guaranteed production and 50 per cent to setting up of end use projects.
- Legal measures to cancel licenses issued earlier if the allottee failed to take adequate steps to bring the allotted mines to production or in setting up of end use plants and encashment of BG in full in such cases.
- To launch a programme of detailed exploration and drilling in the XIth Plan, aimed at increasing ‘proved’ category reserves by increasing the drilling capacity of CMPDIL from 3 lakh metres per annum to at least 15 lakh metres per annum by involving all eminent agencies within the country and outside.
- E-auction sell for a minimum of 10 per cent of domestic production initially and thereafter to 20 per cent by the third year and to reach 30 per cent over a period of 5 to 7 years.
- De-reservation of CIL blocks that cannot be put into production before 2026-27.
- Railways, Coal and Power Ministry have to work together to draw up a well-conceived model of FSTA. GoI should ensure that all the concerned Ministries and agencies accept the FSTA and perform as per its provisions.
- Setting up of a permanent Special Task Force to monitor progress of clearances and project implementation of all projects required to be completed by the end of the XIth Plan to fully realise CIL’s production plans including the Emergency Production Plan to enhance domestic coal production capacity.

Annexure – III

Extractable Reserve in case of Opencast Mines allocated to Private Parties

Sl. No.	Company Name	State	Block Name	Producing/ Non Producing	Date of Allotment	Sector	GR (100 %) in million tonne	Whether MP available (Y/ N)	Extractable Reserve (ER) (in million tonne)	Extractable Reserve on actual where MP available/ 73 per cent of GR where MP not available) (in million tonne)
a	b	c	d	e	f	g	h	i	j	k
1	Abhijeet Infrastructure Ltd.	Jharkhand	i) Brinda	Non Producing	26-May-05	Sponge Iron	77.000	N		56.210
2	Abhijeet Infrastructure Ltd.	Jharkhand	ii) Sasai	Non Producing	26-May-05	Sponge Iron		N		
3	Abhijeet Infrastructure Ltd.	Jharkhand	iii) Meral	Non Producing	26-May-05	Sponge Iron		N		
4	Usha Martin Ltd.	Jharkhand	Lohari	Non Producing	24-Aug-05	Steel	11.765	Y	9.045	9.045
5	Neelachal Iron & Power Generation & Bajrang Ispat	Jharkhand	Dumri (Explored)	Non Producing	13-Jan-06	Sponge Iron	55.988	Y	40.854	40.854
6	Bhusan Steel & Strips Ltd. & Others	Orissa	New Patrapara	Non Producing	13-Jan-06	Sponge Iron	433.000	N		316.090
7	Electrosteel Castings & Others	Jharkhand	North Dhadu	Non Producing	13-Jan-06	Sponge Iron, Steel	923.945	Y	340.054	340.054
8	Essar Power Ltd. & Hindalco	Madhya Pradesh	Mahan	Non Producing	12-Apr-06	Power	144.208	Y	121.958	121.958
9	Rungta Mines Ltd.	Jharkhand	Bundu	Non Producing	25-Apr-06	Sponge Iron	102.268	Y	32.167	32.167
10	Rungta Mines Ltd. & Others	Orissa	Radhikapur West	Non Producing	25-Apr-06	Sponge Iron	288.440	N		210.561

Sl. No.	Company Name	State	Block Name	Producing/ Non Producing	Date of Allotment	Sector	GR (100 %) in million tonne	Whether MP available (Y/ N)	Extractable Reserve (ER) (in million tonne)	Extractable Reserve on actual where MP available/ 73 per cent of GR where MP not available) (in million tonne)
a	b	c	d	e	f	g	h	i	j	k
11	Essar Power Generation Ltd.	Jharkhand	Chakla	Non Producing	20-Feb-07	Power	83.101	Y	71.140	71.140
12	JSPL	Jharkhand	Jitpur	Non Producing	20-Feb-07	Power	81.095	Y	65.535	65.535
13	Hindalco & TATA Power Ltd.	Jharkhand	Tubed	Non Producing	1-Aug-07	Power	189.823	Y	130.000	130.000
14	DB Power Ltd.	Chattisgarh	Durgapur II/ Sariya	Non Producing	6-Nov-07	Power	91.672	N		66.921
15	Adani Power Ltd.	Maharashtra	Lohara West Extn.	Non Producing	6-Nov-07	Power	169.832	Y	140.000	140.000
16	CESC Ltd. & JAS Infrastructure	Jharkhand	Mahuagarhi	Non Producing	9-Jan-08	Power	220.000	N		160.600
17	Monnet Ispat & Energy Ltd, Tata Power and Jindal Photo Ltd.	Orissa	Mandakini-A	Non Producing	9-Jan-08	Power	322.796	Y	287.886	287.886
18	JSPL & Gagan Sponge Iron Ltd.	Jharkhand	Amarkonda Murgadangal	Non Producing	17-Jan-08	Power	410.000	N		299.300
19	SKS Ispat & Power Ltd. & Prakash Industries.	Chattisgarh	Fatehpur	Non Producing	6-Feb-08	Power	120.000	N		87.600

20	Rungta Mines Ltd. & Sunflag Iron & Steel Ltd.	Jharkhand	Choritand Taliya	Non Producing	14-May-08	Pig Iron	97.000	N		70.810
21	JSW Steel Ltd. Bhusan Steel & Power, Jai Balaji Ind.	Jharkhand	Rohne	Non Producing	5-Jun-08	Steel	242.000	Y	191.000	191.000
22	Mukund Ltd. Vini Iron & Steel Udyog Ltd.	Jharkhand	Rajhara North (Central & Eastern)	Non Producing	20-Nov-08	Steel	22.525	Y	15.609	15.609
23	Strategic Energy Tech. System Ltd.	Orissa	North of Arkhapal	Non producing	27-Feb-09	CTL	1500.000	N		1095.000
24	Tata Steel Ltd. & Adhunik Thermal Energy Ltd.	Jharkhand	Ganeshpur	Non Producing	28-May-09	Power	137.000	N		100.010
25	Himachal EMTA / JSW Steel Ltd.	West Bengal	Gourangdih ABC	Non Producing	10-Jul-09	Power	129.150	Y	61.540	61.540
									Total	**3,969.890**

Annexure – IV

Extractable Reserve in case of Mixed Mines allocated to Private Parties where Mining Plans are available

Sl. No.	Company Name	State	Block Name	Producing/ Non Producing	Date of Allotment	Sector	GR (100 %) in million tonne	GR as per MP for OC (in million tonne)	Extractable Reserve (ER) on actual as per MP (in million tonne)
a	b	c	d	e	f	g	h	i	j
26	Jayaswal Neco Ltd.	Jharkhand	Moitra	Non Producing	13-May-05	Steel	215.780	38.160	29.910
27	Electrosteel Castings Ltd.	Jharkhand	Parbatpur A to C	Producing	7-Jul-05	Pig Iron	235.718	7.150	5.720
28	Tata Steel Ltd.	Jharkhand	i) Kotre Basantpur	Non Producing	11-Aug-05	Steel	148.399	NA	93.052
29	Tata Steel Ltd.	Jharkhand	ii) Panchmo	Non Producing	11-Aug-05	Steel	101.992	80.418	61.276
30	Corporate Ispat & Alloys Ltd	Jharkhand	Chitarpur	Non Producing	2-Sep-05	Sponge Iron	174.623	NA	58.660
31	Topworth Urja & Metals Ltd. (Formerly known as Shri Virangana Steels Ltd.)	Maharashtra	Marki Mangli- III	Non Producing	6-Sep-05	Sponge Iron	6.190	NA	4.200
32	Topworth Urja & Metals Ltd. (Formerly known as Shri Virangana Steels Ltd.)	Maharashtra	Marki Mangli-II	Non Producing	6-Sep-05	Sponge Iron	11.540	NA	6.730
33	Topworth Urja & Metals Ltd. (Formerly known as Shri Virangana Steels Ltd.)	Maharashtra	Marki Mangli-IV	Non Producing	6-Sep-05	Sponge Iron	4.890	NA	3.035

34	Bhusan Power & Steel Ltd.	Orissa	Bijahan (Unexplored Block)	Non Producing	13-Jan-06	Sponge Iron	327.046	185.113	161.200
35	JSPL & Nalwa Sponge Iron Ltd.	Chattisgarh	Gare Palma IV/6	Non Producing	13-Jan-06	Sponge Iron	158.097	73.985	66.371
36	Jayaswal Neco Ltd.	Chattisgarh	Gare Palma IV/8	Non Producing	13-Jan-06	Steel	107.204	14.819	11.750
37	Ultratech & Others	Chattisgarh	Madanpur North	Non Producing	13-Jan-06	Power, Sponge Iron	213.460	113.820	94.960
38	Madanpur South (JVC of Hindustan Zinc Ltd.)	Chattisgarh	Madanpur South	Non Producing	13-Jan-06	Power, Sponge Iron	180.490	146.170	115.740
39	Chhattisgarh Captive Coal Mining Ltd. (JVC of Ispat Godavari & Others)	Chattisgarh	Nakia I	Non Producing	13-Jan-06	Sponge Iron	359.850	105.030	98.320
40	Chhattisgarh Captive Coal Company Ltd. (JVC of Ispat Godavari & Others)	Chattisgarh	Nakia II	Non Producing	13-Jan-06	Sponge Iron			
41	Tata Sponge & Others	Orissa	Radhikapur East	Non Producing	7-Feb-06	Sponge Iron	183.429	172.083	105.240
42	BALCO	Chattisgarh	Durgapur II/ Taraimar	Non Producing	6-Nov-07	Power	211.366	96.990	70.120
43	Sova Ispat & Jai Balaji Sponge Ltd.	West Bengal	Ardhagram	Non Producing	6-Dec-07	Sponge Iron	25.600	2.143	1.863
44	Birla Corporation Ltd.	Madhya Pradesh	Bikram	Non producing	12-Aug-08	Cement	20.975	4.655	3.758
45	Electrotherm (India) Ltd, Grasim Industries	Chattisgarh	Bhaskarpara	Non Producing	21-Nov-08	Sponge Iron	46.910	NA	18.670
								Total	**1010.575**

Annexure – V

Extractable Reserve in case of Mixed Mines allocated to Private Parties where Mining Plans are not available

Sl. No.	Company Name	State	Block Name	Producing/ Non Producing	Date of Allotment	Sector	GR (100 %) in million tonne	Extractable Reserve at 37% of GR[1] (in million tonne)
a	b	c	d	e	f	g	h	i =h*37/100
46	Domco Smokeless Fuel Pvt Ltd.	Jharkhand	Lalgarh North	Non Producing	8-Jul-05	Pig Iron	27.088	10.023
47	Essar Power Ltd.	Jharkhand	Ashok Karkata Central	Non Producing	6-Nov-07	Power	110.000	40.700
48	Bhusan Power & Steel Ltd.	Jharkhand	Patal East	Non Producing	6-Nov-07	Power	200.000	74.000
49	AES Chhattisgarh Energy Pvt. Ltd	Chattisgarh	Sayang	Non Producing	6-Nov-07	Power	150.000	55.500
50	Arcelor Mittal India Ltd. & GVK Powers (G.Sahib)	Jharkhand	Seregarha	Non Producing	9-Jan-08	Power	150.000	55.500
51	Sterlite Energy, GMR Energy, Arcelor Mittal India Ltd, Lanco Group, Navabharta Power (IPP), Reliance Energy	Orissa	Dip Side of Rampia	Non Producing	17-Jan-08		645.235	238.737
52	Sterlite Energy, GMR Energy, Arcelor Mittal India Ltd, Lanco Group, Navabharta Power (IPP), Reliance Energy	Orissa	Rampia	Non Producing	17-Jan-08	Power		

53	JLD Yavatmal Energy, RKM Powergen, Vandana Vidyut, Visa Power, Green Ifrastructure	Chattisgarh	Fatehpur East	Non Producing	23-Jan-08	Power	500.000	185.000
54	Bihar Sponge Iron Co. Ltd.	Jharkhand	Macherkunda	Non Producing	5-Aug-08	Sponge Iron	23.860	8.828
55	Jindal Steel & Power Ltd.	Orissa	Ramchandi Promotional Block	Non producing	27-Feb-09	CTL	1500.000	555.000
56	Rungta Mines Ltd./ Kohinoor Steel Pvt. Ltd.	Jharkhand	Mednirai	Non Producing	28-May-09	Power & Sponge Iron	80.830	29.907
57	IST Steel & Power, Gujarat Ambuja Cements, Lafarg India Ltd.	Chattisgarh	Dahegaon Makardhokra	Non producing	17-Jun-09	Steel/ Cement/ Cement	132.000	48.840
							Total	**1,302.035**

[1] 37% has been worked out based on the average quantity of Extractable OC reserves of Mixed mines where Mine Plans were available.