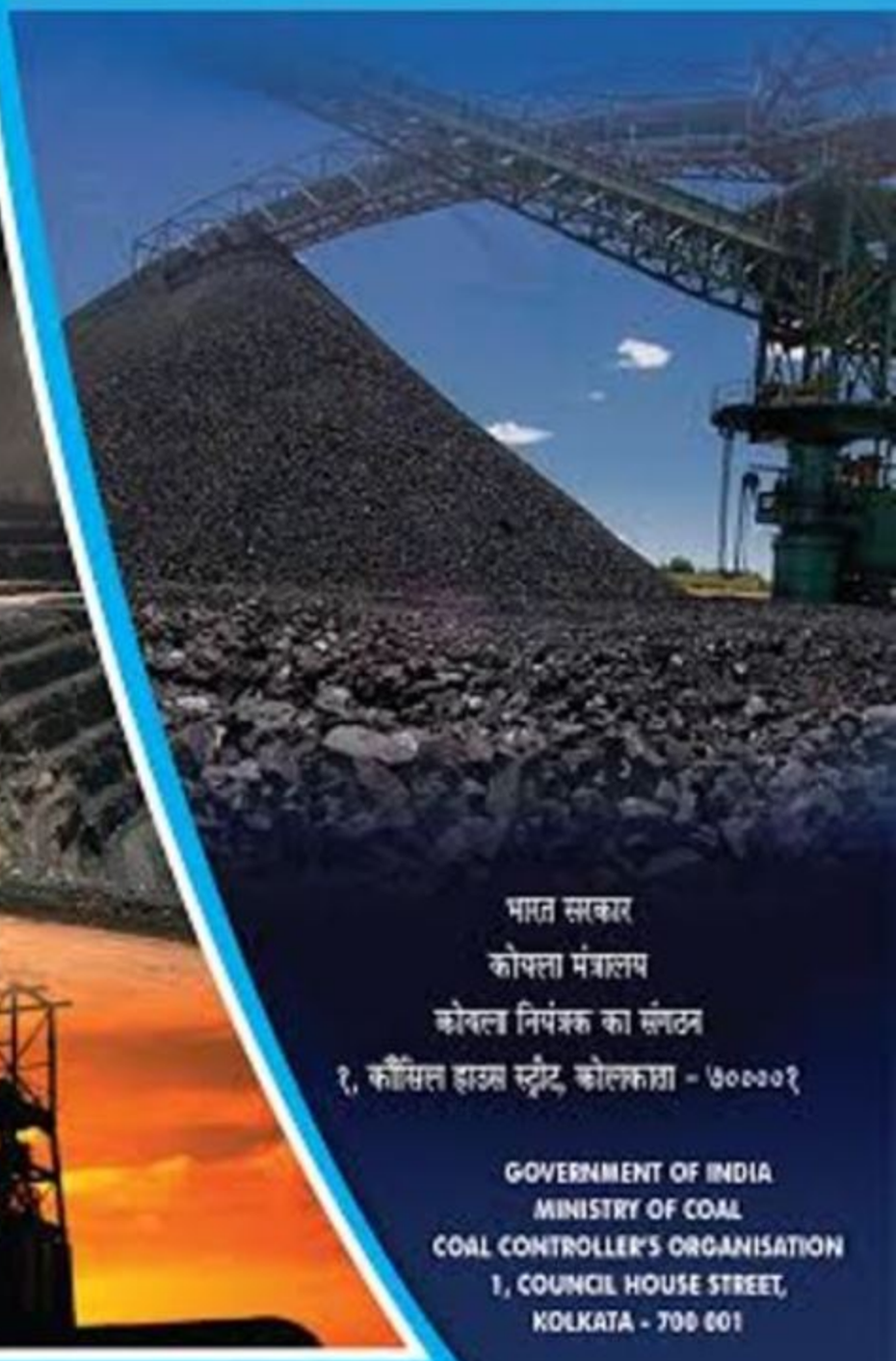
सत्यमेव जयते

PROVISIONAL COAL STATISTICS

अंतरिम कोयला सांख्यिकी

2014 - 2015



भारत सरकार
कोयला मंत्रालय
कोयला नियंत्रक का संगठन
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GOVERNMENT OF INDIA
MINISTRY OF COAL
COAL CONTROLLER'S ORGANISATION
1, COUNCIL HOUSE STREET,
KOLKATA - 700 001

PROVISIONAL COAL STATISTICS
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MINISTRY OF COAL
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KOLKATA

Provisional Coal Statistics 2014-15

is prepared on the basis of the provisional data received from source agencies
Any suggestions for improvement are most welcome
For any enquiry regarding coal statistics please write to

Coal Controller's Organisation
1, Council House Street
Kolkata - 700 001

Tel: 91-33-2248-9616, 91-33-2248-8225, Fax: 91-33-2248-2459
E-mail: coalcont-wb@nic.in

PREFACE

Coal is used to produce substantial amount of the Nation's electrical energy needs. Increasing demands for clean coal energy make information on affordable and reliable coal supplies essential for the energy industry and policy makers in the near future and the long term. For making a strategic coal sector plan for the country on a continuing basis, a sound data base is a must.

Coal Statistics, therefore, assumes paramount significance to meet the data requirements of the Central/ State Government Bodies, planners, thinkers, academicians etc. 'Coal Directory of India' incorporating firmed up data of the previous year is brought out every year around December. To meet the immediate requirement, **Provisional Coal Statistics 2014-15** like previous years is now being brought out utilizing available data bank of this organization.

This issue incorporates provisional information regarding coal, coal products & lignite of the preceding financial year along with past few years on Reserve, Production, Despatch, Pit-head Closing Stock, Import & Export of coal etc. It also contains information regarding captive blocks.

The publication of this Provisional Coal Statistics should meet the immediate demand of its users associated with the energy sector especially related to Coal & Lignite sectors.

Suggestions to improve both content and presentation are most welcome.

Rajesh Kumar Sinha

(R.K. Sinha)
Coal Controller

Kolkata
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Team Associated with the Publication

Sri R. K. Sinha	Coal Controller
Sri S. K. Ray	Deputy Director General
Dr. S. Majumder	Officer on Special Duty
Smt. Mita Das	Superintendent
Sri S. Mukherjee	Superintendent
Sri G. Bandyopadhyay	Accountant
Sri Sukumar Das	Assistant
Sri Sumanta Biswas	Upper Division Clerk
Sri Sukhchand Sarkar	Upper Division Clerk
Smt. Sima Guha Ray	Upper Division Clerk
Miss Manashi Goswami	Junior Computor Operator

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Highlights

(A) Production

1. In the year 2014-15, the total production of raw coal in India increased by 8.25% (from 565.765 MT in 2013-14 to 612.435 MT in 2014-15) where as the corresponding decrease in the production of lignite was 9.00 % (from 44.271 MT in 2013-14 to 48.257 MT in 2014-15).[Table: 2.1]
2. The contribution of public sector and private sector in the production(MT) of Raw Coal in India in 2014-15 was as follows: [Table :- 2.10]

Production of raw coal during the year 2014-15 (MT)			
Sector	Coking	Non-coking	Total coal
Public	51.010	516.023	567.033
Private	6.441	38.961	45.402
All India	57.451	554.984	612.435

3. The production of coking coal in 2014-15 in India was 57.451 MT (1.10 % growth over 2013-14) whereas the corresponding figure for non-coking coal was 554.984 MT (9.00 % growth over 2013-14). [Table :- 2.2]
4. The production of washed coal (coking) during 2014-15 was 6.011 MT (decreased by 9.1 % over 2013-14) whereas the production of middling (coking) was 4.721 MT (decreased by 3.9 % over 2013-14). [Table :- 2.3]
5. During 2014-15, Chhattisgarh registered highest coal production of 134.764 MT (22.0 % share) followed by Jharkhand 124.147 MT (20.3 % share) and Odisha 123.627 MT (20.2 % share). Tamil Nadu was the largest producer of lignite 25.190 MT (52.2 % share). [Table :- 2.6 and 2.7]
6. The contribution of Coal India Limited in the coal production in India in 2014-15 was 494.234 MT (80.70 %) and that of SCCL 52.536 MT (8.58%). During the period 2014-15, Neyveli Lignite Corporation contributed 26.543 MT (55.00%) of lignite production. [Table :- 2.10]
7. Highest coking coal producing state of India was Jharkhand (56.435 MT i.e. 98.23 %) whereas highest non-coking coal producing state was Chhattisgarh (134.764 MT i.e. 24.26 %). [Table :- 2.8]
8. Around 92.09 % of coal production of India in 2014-15 was from open-cast mines (563.97 MT). [Table:- 2.15]
9. SECL produced highest quantity of coal from underground i.e. 16.036 MT (33.09 %) followed by SCCL which produced 10.203 MT (21.05 %). [Table:-2.16]
10. Productivity (OMS) of underground mines for the year 2014-15 was 0.78 for CIL and 1.10 for SCCL. During 2014-15, OMS for opencast mines for CIL and SCCL were 13.06 and 12.14 respectively. (OMS is the output measured in tones per unit of man-shift). [Table :- 2.17]

11. Overall stripping ratio for the year 2014-15 was 2.33 (Stripping ratio is defined as the ratio of Over Burden Removal to Coal produced in Open Cast mining.) OBR means the quantity of over burden removed during the process of open cast mining. [Table :- 2.19]

(B) Despatch

1. During 2014-15, despatch of indigenous raw coal was 607.630 MT against the corresponding figure of 572.06 MT during 2013-14 (increase of 6.22% over 2013-14). Lignite despatch was 46.941 MT against the corresponding figure of 43.897 MT during 2014-15 (increased of 6.93 % over 2013-14). Despatches of solid fossil fuel increased from 615.957 MT in 2013-14 to 654.571 MT in 2014-15 registering an increase of 6.27 % .[Table :-3.1]
2. Despatches of coking coal decreased from 58.464 MT in 2013-14 to 56.614 MT in 2014-15 (decrease by 3.16 % over the previous year). [Table :-3.2]
3. Despatches of Metallurgical coal reduced from 15.236 MT in 2013-14 to 13.381 MT in 2014-15 registering a decrease of 12.18 %. [Table :-3.2]
4. Despatches of non-coking coal grew by 7.29 % [from 513.596 MT in 2013-14 to 551.016 MT in 2013-14]. [Table :-3.2]
5. During 2014-15 despatch of washed coal (coking) was 6.007 MT against 6.645 MT in 2013-14 i.e. decreased by 9.60% over previous year and despatch of middling (coking) was 4.928 MT against 4.894 MT in 2013-14 i.e. increased by 0.69% over previous year. [Table :-3.3]
6. During 2014-15 despatch of hard coke was 13.919 MT over 12.707 MT in 2013-14, therefore increased by 9.54% over previous year. [Table :-3.3]
7. The contribution of public sector and private sector in the dispatch of Raw Coal in 2014-15 was as follows: [Table :- 3.10]

Despatch of Raw Coal during the year 2014-15 (MT)			
Sector	Coking	Non-coking	Total
Public	50.348	511.540	561.888
Private	6.266	39.476	45.742
All India	56.614	551.016	607.630

8. During 2014-15 all coal producing states except Jammu & Kashmir showed a positive growth in coal despatch resulting into a 6.22 % growth in coal despatch during 2014-15. [Table :- 3.6]
9. Regarding coal despatch during 2014-15 Chhattisgarh had highest share of 129.392 MT (21.29%) followed by Odisha 125.382 MT (20.63%) and Jharkhand 122.687 MT (20.19%). [Table :- 3.6]
10. Tamil Nadu had the largest share of 51.327% (24.088 MT) in lignite despatch. [Table :- 3.7]
11. During 2014-15 despatch of coal by CIL and SCCL was 488.919 MT and 52.662 MT respectively. [Table :- 3.11]

12. Despatch of coal by Private sector was 45.742 MT in which TISCO had largest share of 6.061 MT followed by JSPL 5.989 MT. [Table :- 3.8]
13. During 2014-15 despatch of coal to Power Sector (Utility) was 418.489 MT, Steel Sector 22.285 MT. and Cement Sector 11.362 [Table :- 3.14]
14. During 2014-15 coal was mainly despatched by Rail 297.477 MT (48.96 %) followed by road 167.980 MT (27.65 %) and MGR 93.520 MT (15.09 %). [Table :- 3.13]

(C) Pit Head Closing Stock

1. Pit-head Closing Stock of raw coal as on 31-03-2015 was 59.447 MT against 55.514 MT in 2013-14 i.e. increased by 7.08 % over previous year. In case of lignite it was 3.176 MT as on 31.03-2015 against 1.860 MT as on 31.-03-2014 i.e. increased by 70.75 % over previous year. [Table :-4.1]
2. Pit-head closing stock of coking coal as on 31-03-2015 was 6.994 MT whereas it was 6.412 MT as on 31-03-2014. [Table :-4.2]
3. Pit-head closing stock of non-coking coal as on 31-03-2015 was 52.453 MT where as it was 49.102 MT as on 31-03-2014. [Table :-4.2]
4. Out of total closing stock of 59.447 MT Public sector accounted for 59.088 MT. [Table :-4.3]

(D) Import and Export

1. Import of Coking coal was 43.715 MT in 2014-15 against 36.872 MT in 2013-14 i.e. an increase of 18.56% over 2013-14. Import of Non-coking coal was 168.388 MT in 2014-15 against 129.985 MT in 2013-14 i.e. an increase of 29.54% over 2013-14. [Table :-5.1]
2. The countries from where coal was mainly imported were Indonesia (118.22 MT) followed by Australia (47.46 MT) and South Africa (30.73 MT). [Table 5.3]
3. Coal was mainly imported through Mundra (24.22 MT), Paradip (16.22 MT), Dehej (14.24 MT), Dhamra (13.64 MT), Gangavaram (13.90 MT), Krishnapatnam (13.36 MT) and Sez Mundra (12.70 MT) sea ports. [Table 5.5]
5. Export of coal during 2014-15 was 1.238 MT against 2.188 MT in 2013-14. [Table :-5.2]
4. Coal was mainly exported to Bangladesh (0.54 MT) and Nepal (0.48 MT). Main ports for coal export were Panitanki (0.31 MT) Borsorah (0.15 MT) Magdalla (0.14 MT). [Table 5.4]

(E) Captive Coal Block

During 2014-15, the total production of raw coal from captive coal blocks in India was 52.769 MT against 39.484 MT in 2013-14, showing an increase by 33.64 % over 2013-14.

(F) Geological Coal Reserve

As per Geological Survey of India geological resources of Coal in India as on 01.04.2015 was 306.596 Billion Tonnes/BT for coal seams of 0.9 Metre and above in thickness and up to the 1200 Metre depth from surface. The geological resources of Coking coal (Prime, Medium and Semi-coking) as on 01-04-2015 was 34.404 BT and Non-coking coal was 272.192 BT.

Total coal extracted since 1950 up to 2014-15 is around 13147.979 Million Tonnes.

Introductory Note

1.1 Provisional Coal Statistics 2014-15 is the latest Statistical Report on Coal in India based on the data received from various Indian coal companies. As the data provided here are based on pre-audited reports of the companies for the year 2014-15, the coal statistics has been termed as provisional. However, to provide a glimpse of the variation between the provisional statistics and the final one, we present below the corresponding figures for last five years along with the provisional figures for 2014-15.

1.2

Statement 1: Difference between Provisional and Final Figures of Production and Despatch of Coal

Year	Type of Data	Production [Million Tonnes]				Despatch [Million Tonnes]			
		Coking Coal	Non-Coking Coal	Coal Total	Lignite	Coking Coal	Non-Coking Coal	Coal Total	Lignite
2009-10	P	44.256	487.806	532.062	34.071	42.627	470.592	513.219	34.431
	F	44.413	487.629	532.042	34.071	42.469	471.323	513.792	34.430
	D	0.35%	-0.04%	0.00%	0.00%	-0.37%	0.16%	0.11%	0.00%
2010-11	P	49.533	483.543	533.076	37.735	48.936	474.311	523.247	37.516
	F	49.547	483.147	532.694	37.733	48.950	474.515	523.465	37.685
	D	0.03%	-0.08%	-0.07%	-0.01%	0.03%	0.04%	0.04%	0.45%
2011-12	P	51.654	488.286	539.940	43.105	51.528	483.624	535.152	42.500
	F	51.660	488.290	539.950	42.332	51.723	483.576	535.299	41.883
	D	0.01%	0.00%	0.00%	-1.83%	0.38%	-0.01%	0.03%	-1.47%
2012-13	P	51.834	505.873	557.707	46.598	55.212	514.555	569.767	46.312
	F	51.582	504.820	556.402	46.453	55.859	511.277	567.136	46.313
	D	- 0.48%	- 0.2%	-0.23%	- 0.31%	1.17%	-0.63%	- 0.46%	0.00%
2013-14	P	56.818	508.948	565.766	44.271	58.302	512.949	571.251	43.897
	F	56.818	508.947	565.765	44.271	58.464	513.956	572.060	43.897
	D	0%	0%	0%	0%	0.28%	0.20%	0.141%	0%
2014-15	P	57.451	554.984	612.435	48.257	56.614	551.016	607.630	46.941
N.B 1:	P = Provisional Data; F = Final Data; D = % Differences between the Final Data and the Provisional Data.								
N.B 2:	The difference between the final and provisional figures is in general negligible and less than 0.5%.								

1.3 Provisional Coal Statistics 2014-15, apart from providing data on production, despatch and stock of Coal and Lignite in 2014-15 in India, also provides data on coal reserves in India as on 01.04.2015, import and export of coal, performance of captive mining etc. during 2014-15.

1.4 In this report of 2014-15, some changes that were reflected in the report of 2013-14 in the arrangement of coal blocks between Public sector and Private sector have been continued. The ground for such rearrangement was to segregate the blocks strictly according to the original allotment between Public Sector and Private Sector. So the corresponding tables may not be strictly comparable with the figures prior to

2013-14. Like the report of 2013-14, in this year also three additional tables have been presented (Table 2.11 for coal production , Table 3.9 for coal despatch and Table 4.4 for pit head closing stock) which shows figures by names of captive coal blocks.

1.5 To simplify the use of the Coal Directory, some changes were introduced in the Coal Directory 2012-13 wherein related Concepts, Definitions and Practices were explained in detail. The same has been continued and appended as Appendix– A in this report.

1.6 As the purpose of the publication of the Provisional Coal Statistics 2014-15 is to provide quick results to all stakeholders, users, planners, etc., a detailed analysis like the one attempted in the Coal Directory has not been preferred here. Therefore, the report contains only an Introductory Note followed by Tables and Charts depicting various aspects of Coal Statistics.

Indian Coal and Lignite Deposits

1.7 The Indian coal deposits are primarily concentrated in the Gondwana sediments (Upper Paleozoic to Mesozoic systems) located in the Eastern and Central parts of Peninsular India and also in parts of North Eastern Regions Viz., Sikkim, Assam and Arunachal Pradesh. The coal is of bituminous to sub-bituminous rank and is restricted to the sediments of Permian age. Indian lignite deposits are in the Tertiary sediments in the Southern & Western parts of the peninsular shield, particularly in Tamil Nadu, Pondicherry, Gujarat, Rajasthan and Jammu & Kashmir. It is also available, in minor quantity, in Kerala & West Bengal. As per Geological Survey of India, the reserve position for coal as well as lignite for last three years has been as follows:

Statement 2: Inventory of Geological Reserve of Coal and Lignite in India

Name of the Mineral	As on	Reserve (Mill. Tonnes)			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	01/04/2013	123,182	142,632	33,100	298,914
	01/04/2014	125,909	142,506	33,148	301,564
	01/04/2015	131,614	143,241	31,739	306,596
Lignite	01/04/2013	6,181	26,283	10,752	43,216
	01/04/2014	6,181	26,283	10,783	43,247
	01/04/2015	6,182	26,282	11,650	44,114

The distribution of the coal and lignite reserves over the regions/states and by type in India and other details may be seen from Table 1.6, 1.7 and 1.8.

Production of Coal and Lignite in India

In the year 2014-15, coal production in India reached 612.435 MT and registered a growth of 8.25 % over the last year. During this period production of lignite reached 48.257 MT registering a growth of 9.0 % over the last year. Statement 3(A) shows production of coal in 2014-15 in India by Public and Private Sectors.

Statement 3(A): Coal Production in India by Company			
Company	Coal Production (2014-15) [MT]		
	Coking	Non-coking	Total
CIL	50.566	443.668	494.234
SCCL	-	52.536	52.536
Other Public	0.444	19.819	20.263
Total Public	51.010	516.023	567.033
Total Private	6.441	38.961	45.402
ALL INDIA	**57.451**	**554.984**	**612.435**

1.9 It can be seen that Coal India Limited alone accounted for 80.70 % of coal production in the country. The share of SCCL in coal production was 8.58 % and that of private sector was 7.41 %. The performance of subsidiary companies of Coal India Limited may be seen from Statement 3(B). From Statement 3(A) and 3(B) it can be seen that the major contributors in the group were SECL (20.93 %), MCL (19.82 %) and NCL (11.84 %) in all India coal production. These three subsidiary companies of CIL collectively accounted for 52.58 % of total coal production at all India level and 65.16 % of production by CIL group.

Statement 3(B): Coal Production in India by CIL Subsidiary wise coal production			
Company	Coal Production (2014-15) [MT]		
	Coking	Non-coking	Total
ECL	0.034	39.972	40.006
BCCL	30.770	3.742	34.512
CCL	19.326	36.326	55.652
NCL	-	72.484	72.484
WCL	0.310	40.837	41.147
SECL	0.126	128.149	128.175
MCL	-	121.379	121.379
NEC	-	0.779	0.779
CIL	**50.566**	**443.668**	**494.234**

1.10 From the Statement 3(A) it can also be seen that by type of coal, major contribution in total coal production was of non-coking coal (90.62 %). Statement 4 shows that during the period 2014-15, almost total Coking coal of the country was produced in the state of Jharkhand which accounted for 98.23 % of the total coking coal production.

1.11 From Table 2.2 it can be seen that in 2014-15, the production of coking coal registered a marginal increase of 1.1 % over the previous year whereas the corresponding increase in the case of non-coking coal was 9.0 %. In case of coking coal, metallurgical coal with the production of 13.789 MT in 2014-15 registered a decrease of 8.8 % and non-metallurgical coal with the production of 43.662 MT registered an increase of 4.69 %.

1.12 Statement 4 shows coal production in India during 2014-15 by states. It may be observed that the three major states were Chhattisgarh (22.0 %), Jharkhand (20.27 %) and Odisha (20.19 %) which together accounted for about 62.46 % of the total coal production in the country.

Statement 4: Coal Production in India by State			
States	Coal Production (2014-15) [MT]		
	Coking	Non Coking	Total
Andhra Pradesh/ Telangana		52.536	52.536
Arunachal Pradesh		0	0
Assam		0.779	0.779
Chhattisgarh	0.126	134.638	134.764
Jammu & Kashmir		0.013	0.013
Jharkhand	56.435	67.712	124.147
Madhya Pradesh	0.310	87.299	87.609
Maharashtra		38.257	38.257
Meghalaya *		5.732	5.732
Odisha		123.627	123.627
Uttar Pradesh		14.957	14.957
West Bengal	0.580	29.434	30.014
Total Public	51.010	516.023	567.033
Total Private	6.441	38.961	45.402
All India	**57.451**	**554.984**	**612.435**
* Figure of Meghalaya for the year 2013-14 has been repeated in 2014-15 as no return for the year 2014-15 has been received.			

1.13 If one examines the production from the technology point of view then it can be seen from Table 2.15 that in the year 2014-15 the total production under open cast system accounted for 92.09 % of the total coal production and the rest 7.91 % was accounted by underground system. It is interesting to note that the share of OC mining in total coal production has been steadily increasing over time and in the last ten years it has increased from 85.02 % in 2005-06 to 92.09 % in 2014-15.

1.14 It can be seen from Table 2.3 that production of coal products increased from 43.76 MT in 2013-14 to 46.12 MT in 2014-15. Out of total production of coal products in 2014-15, production of washed coal was 23.31 MT in which washed coal (coking) was 6.01 MT and washed coal (non-coking) was 17.29 MT.

1.15 Table 2.12 and 2.13 show details of coal production by type (coking and non-coking) and grade of coal by each company for the year 2014-15.

1.16 Stripping Ratio defined as the ratio of OBR to coal produced in Open Cast mining has been of interest to the researchers and planners. From Table 2.19 it can be seen that in 2014-15, the stripping ratio at all India level was 2.33. The corresponding figure for the year 2013-14 was 2.23. Stripping ratio of CIL for 2014-15 was 1.92. During 2014-15, stripping ratio for the public sector as a whole was 2.30 and for the private sector was 2.78. In case of CIL companies, MCL reported the lowest stripping ratio of 0.74 against coal production of 120.103 MT whereas NEC reported the highest stripping ratio of 13.13 against coal production of 0.776 MT. WCL reported the second highest stripping ratio of 3.66 against production of 33.581 MT.

1.17 Output per man shift (OMS) is one of the measures of efficiency in the production. Statement 5 depicts the OMS for the current year as well as last year for two major players in the public sectors namely CIL and SCCL by type of mining. From Table 2.17 it can be seen that for CIL OMS for open cast mining has shown an increasing trend in last ten years which has increased from 7.51 in 2005-06 to 13.06 in 2014-15. The corresponding increase in case of SCCL has been from 9.60 in 2005-06 to 12.14 in 2014-15. Further details on the issue can be seen from the table 2.18.

Statement 5: OMS (Tonnes) in OC & UG Mines in 2013-14 and 2014-15 (CIL & SCCL)

Type of Mining	Company	Year	
		2013-14	2014-15
OC	CIL	13.16	13.06
	SCCL	11.10	12.14
UG	CIL	0.76	0.78
	SCCL	1.12	1.10
OC + UG	CIL	5.79	6.19
	SCCL	3.86	4.20

1.18 It can be seen from Table 2.1 that production of lignite in 2014-15 was 48.257 MT whereas it was 44.271 MT in 2013-14. Thus during 2014-15 production of lignite had a growth of 9.0 % over the previous year against a decrease in production by 4.70 % in 2013-14 over 2012-13. It can also be seen from Table 2.1 that while coal production has registered an increase of 50.46 % in 2014-15 in comparison to the year 2005-06 the corresponding increase in lignite production was 59.64 %. Statement 6 shows production of lignite by different companies in 2013-14 and 2014-15. In case of lignite two major producing companies were NLC and GMDCL with contribution of 55.0 % and 18.03 % respectively. During the year 2014-15, the major player, NLC registered a nominal decrease of 0.25 % over the last year. Whereas during 2014-15, GMDCL registered an increase of 3.60 % in production over the last year. BLMCL ranked third in lignite production.

Statement 6: Lignite Production (MT) in India by Company in 2013-14 and 2014-15

Company	2013-14	2014-15
NLC	26.609	26.543
GMDCL	8.398	8.700
GIPCL	3.006	3.404
RSMML	1.428	1.405
GHCL	0.190	0.200
VS LIGNITE	0.890	1.005
BLMCL	3.750	7.000
ALL INDIA	**44.271**	**48.257**

Despatch

1.19 Despatch of Raw Coal during the year 2014-15 was 607.630 MT against 572.060 MT in 2013-14, showing a growth of 6.22 % over the previous year. The increase of 6.22 % in despatch against the increase of 8.25 % in the production indicates slightly lower dispatch mechanism in 2014-15.

1.20 Statement 7 shows the despatch of coal by different companies in the year 2014-15. It can be seen that the Coal India Limited accounted for 80.46 % of overall coal despatch in the country. The share of SCCL in coal despatch was 8.67 %. The contribution of the private sector was 7.53 %. In the CIL group of companies, share of SECL was 20.27 %, MCL was 20.24 % and NCL was 12.10 %. These three subsidiary companies of CIL collectively accounted for 52.62 % of the raw coal despatch at all India level.

1.21 Statement 8 provides details of off-take of Raw Coal in India in 2014-15 by different sectors of economy. Analysis of total off-take by different sector shows that power sector accounted for 77.23 % of total Raw Coal off-take (Power Utilities: 68.81 % and Captive Power: 8.42 %). Further details on the issue can be seen from Table 3.14.

Statement 7: Coal Despatch in India by Company

Company	Coal Despatch (2014-15) [MT]		
	Coking	Non-coking	Total
ECL	0.036	38.184	38.220
BCCL	30.152	3.514	33.666
CCL	19.359	35.978	55.337
NCL	-	73.518	73.518
WCL	0.232	41.008	41.240
SECL	0.125	123.084	123.209
MCL	-	122.996	122.996
NEC	-	0.733	0.733
CIL	**49.904**	**439.015**	**488.919**
SCCL	-	52.662	52.662
Other Public	0.444	19.863	20.307
Total Public	50.348	511.540	561.888
Total Private	6.266	39.476	45.742
ALL INDIA	**56.614**	**551.016**	**607.630**

Statement 8: Off-take of Raw Coal in India in 2014-15 by Sector

Sector	Off-take [MT]
Power (Utility)	418.489
Power (Captive)	51.227
Steel	22.285
Steel (Boilers)	0.365
Cement	11.362
Fertilizers	2.294
Sponge Iron	14.676
Other basic-Metal	0.257
Chemical	0.399
Pulp & Paper	1.541
Textiles & Rayons	0.419
Bricks	0.113
Others	84.203
Total Despatches	607.630
Colliery Own Consumption	0.576
Total Off-take	**608.206**

1.22 Table 3.11 and 3.12 show details of coal despatch by type of coal (coking and non-coking) and grade of coal by each company during the year 2014-15.

1.23 From Statement 9 it can be seen that despatch as well as off-take of lignite during 2014-15 was 46.941 MT. Like coal, lignite was mainly despatch to power sector. Share of power sector was 84.09 % from total off-take of lignite during the year 2014-15. Others in case of raw coal as well as lignite include supply to defence, railway, private crockery, etc.

Statement 9: Off-take (MT) of Lignite by Sector in India

Sector	Off-take (2014-15) [MT]
Power (Utility)	23.052
Power (Captive)	16.421
Cement	1.269

Chemical	0.328
Pulp & Paper	0.690
Textiles & Rayons	2.887
Bricks	0.613
Others	1.681
Total Off-take	**46.941**

Pit Head Closing Stock

1.24 A complete understanding of production and despatch of coal requires a discussion on the pit head closing stock. It is to be noted that whenever we talk about pit head closing stock of coal we refer to raw coal. From Statement 10 it can be seen that the pit-head closing stock as on 31.03.2015 of coal and lignite was 59.447 MT and 3.176 MT respectively. In both coal and lignite there was increase in closing stock during 2014-15.

1.25 Statement 11 provides trend for last ten years for pit head closing stock of coal and lignite. It can be seen that in case of coal the pit head closing stock has been increasing over the years till 2011-12. However, in both 2012-13 and 2013-14, it showed decreasing trend. Closing stock of coal increased from 34.334 MT in 2005-06 to 74.040 MT in 2011-12. Thereafter it decreased to 63.049 MT in 2012-13 and to 55.514 MT in 2013-14. However, it again increased to 59.447 MT in 2014-15. The trend in case of lignite is fluctuating one.

Statement 10: Pit Head Closing Stock (MT) of Coal and Lignite in India in 2013-14 and 2014-15

Company	Year	
	2013-14	2014-15
Coal		
Coking	6.412	6.994
Metallurgical	1.139	1.209
Non-metallurgical	5.273	5.785
Non-coking	49.102	52.453
Total Coal	**55.514**	**59.447**
Lignite	1.860	3.176

Statement 11: Pit Head Closing Stock of Coal and Lignite in India in last ten years.

Year	Pit Head Closing Stock [MT]	
	Raw Coal	**Lignite**
2005-06	34.334	0.525
2006-07	44.348	1.002
2007-08	46.779	0.328
2008-09	47.317	0.903
2009-10	64.863	0.565
2010-11	72.192	0.610
2011-12	74.040	1.051
2012-13	63.049	1.493
2013-14	55.514	1.860
2014-15	59.447	3.176

1.26 Statement 12 shows pit head closing stock of coal by companies during the period 2013-14 and 2014-15. It can be seen that in 2014-15, CIL registered an increase of 9.86 % in its Pit head closing stock of coal in comparison with figure of 2013-14. In the CIL Group, there was significant decline in closing stock in case of NCL and MCL and marginally in case of WCL other companies showed increase in closing stock over the year 2013-14. While SCCL showed a marginal decrease in closing stock there was significant decrease in case of private sector. Further details on this aspect may be seen from Tables 4.1 to 4.3.

Statement 12: Company wise Pit Head Closing Stock (MT) of Coal and Lignite in India

Company	Year	
	2013-14	2014-15
(1)	(2)	(3)
		COAL
ECL	1.913	3.451
BCCL	3.576	4.362
CCL	9.405	9.718
NCL	6.107	4.898
WCL	5.600	5.501
SECL	7.764	12.816
MCL	14.149	12.524
NEC	0.169	0.215
CIL	**48.683**	**53.485**
SCCL	5.548	5.348

Statement 12: Company wise Pit Head Closing Stock (MT) of Coal and Lignite in India		
Company	Year	
	2013-14	2014-15
(1)	(2)	(3)
Total Public	54.534	59.088
Total Private	0.980	0.359
ALL INDIA	**55.514**	**59.447**

Import & Export

1.27 In spite of sufficient coal reserve, we have not been able to meet our demand from our own production. Moreover, the supply of high quality coal (low-ash coal) in the country has been more limited than the low quality coal. Therefore, to bridge the demand-supply gap as well as sweeten indigenous production, we have no option but to resort to import of coal, especially low-ash coal.

1.28 As per our Import Policy 1993-94, coal has been put under Open General License (OGL) and therefore consumers are free to import coal based on their requirement. Superior quality non-coking coal is imported mainly by coast-based power plants and other industrial users viz., paper, sponge iron, cements and captive power plants, on consideration of transport logistics, commercial prudence, export entitlements and inadequate availability of such superior coal from indigenous sources.

1.29 In 2014-15, import of raw coal by India was 212.103 MT (in value 1045241 Million Rupees) against import of 166.857 MT (in value 923292 Million Rupees) in 2013-14. Thus import of coal (in quantity) was increased by 27.12 % during the year 2014-15 over 2013-14. The share of coking and non-coking coal can be seen from (Statement 13):

Statement 13: Import of Coal to India in 2014-15		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	43.715	337656
Non-Coking	168.388	707586
Total	**212.103**	**1045241**

It can be seen that the share of coking coal in the total quantity was 20.61 % which in value terms accounted for 32.30 %.

1.30 Statement 14 depicts source country wise import of coal in India in 2014-15. It can be seen that Indonesia with 55.73 % share [118.251 MT] remained the leading supplier followed by Australia 22.38 % [47.459 MT] and South Africa 14.49 % [30.731 MT]. These three countries together accounted for 92.60 % of the total import to India during the year 2014-15.

Statement 14: Source Country-Wise Import of Coal to India during 2014-15		
Country	Quantity [MT]	% Share
Indonesia	118.215	55.73 %
Australia	47.459	22.38 %
South Africa	30.731	14.49 %
USA	4.270	2.01 %
Mozambique	1.979	0.93 %
Canada	1.957	0.92 %
Others	9.471	4.47 %
Total	**212.103**	**100 %**

1.31 The break-up of source country wise Import for coking and non-coking coal is given in statement 15 and statement 16 respectively.

Statement 15: Source Country-Wise Import of Coking Coal to India during 2014-15		
Country	Quantity [MT]	% Share
Australia	37.504	85.80
Canada	1.856	4.25
USA	1.602	3.66
Mozambique	1.409	3.22
New Zealand	1.025	2.34
Others	0.319	0.73
Total	**43.715**	**100**

Statement 16: Source Country-Wise Import of Non-Coking Coal to India during 2014-15		
Country	Quantity [MT]	% Share
Indonesia	118.215	70.21
South Africa	30.571	18.16
Australia	9.956	5.91
USA	2.668	1.58
Others	6.978	4.14
Total	**168.388**	**100**

1.32 To comprehend the requirement of coal in real term, the planning commission of India has been estimating demand for each year in advance. However, the actual supply (Despatch + Import – Export) has been showing variance from these estimates. Against the estimated demand of coking coal and non-coking coal the actual despatch, import and export of coking coal and non-coking coal during the last five years are given in Statement 17 and 18 respectively.

Statement 17: Demand*, Despatch, Import and Export of Coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2009-10	20.290	42.469	24.690	0.270
2010-11	50.510	48.950	19.484	0.111
2011-12	46.670	51.723	31.801	0.097
2012-13	52.300	55.859	35.557	0.056
2013-14	53.980	58.464	36.872	0.008
2014-15	55.460	56.614	43.715	0.042

Statement 18: Demand*, Despatch, Import and Export of Non-coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2009-10	584.040	471.323	48.565	2.180
2010-11	605.800	474.515	49.434	1.764
2011-12	649.360	483.576	71.052	1.917
2012-13	720.540	511.277	110.228	2.387
2013-14	715.710	513.596	129.985	2.180
2014-15	731.570	551.016	168.388	1.196

*Source: Annual Plan, MOC

1.33 Export of Coal: Although, there was short supply of coal in India compared to its demand and it had to resort to import of coal, India exported some quantity of coal to its neighboring countries during the year 2014-15 (Statement 19). It can be seen from the statement that the total export was 1.238 MT. Export to Bangladesh was 0.542 MT (43.78 %) followed by Nepal 0.482 MT (38.93 %) and United Arab Emirates 0.141 MT (11.39 %).

Statement 19: Export of Coal by India to different countries during 2014-15		
Country	Quantity [MT]	% Share
Bangladesh PR	0.542	43.78
Nepal	0.482	38.93
United Arab Emts	0.141	11.39
Others	0.073	5.90
Total	**1.238**	**100**

1.34 The break-up of country wise Export for coking and non-coking coal is given in Statement 20 and 21 respectively.

Statement 20: Export of Coking Coal from India to different countries during 2014-15		
Country	Quantity [MT]	% Share
Iran	0.035	83.33
Bangladesh PR	0.007	16.67
Total	**0.042**	**100**

Statement 21: Export of Non-coking Coal from India to different countries during 2014-15		
Country	Quantity [MT]	% Share
Bangladesh PR	0.535	47.73
Nepal	0.482	40.30
United Arab Emts	0.141	11.79
Others	0.038	3.18
Total	**1.196**	**100**

Captive Coal Blocks

1.35 The policy of the allotment of captive coal blocks has been adopted by the Government of India since 1993 and as per this policy, by the end of 2013-14, out of total allocated 218 coal blocks 80 coal blocks were de-allocated. Thus at the end of 2013-14, 138 Coal Blocks and 28 Lignite Blocks remained allocated under the category of Captive Coal Blocks. During the year 2014-15, by virtue of the order dated 25-08-2014 read with the order 24-09-2014 of the Hon'ble Supreme Court of India, out of 218 captive coal blocks allocation of 204 blocks was cancelled for fresh allocation as per the guidelines of the apex court.

1.36 Tables 6.1 to 6.4 provide details on the position of Captive Coal Blocks during the year 2014-15. It can be seen from Table 6.1 that 138 coal blocks were allocated to public and private sector till 24-09-2014. Subsequent to the order of the Hon'ble Supreme Court of India, the position from 25-09-2014 to 31-03-2015 was changed as may be seen in this table. 42 numbers of producing coal blocks [Schedule –II coal mines as per the Coal Mines (Special Provisions) Ordinance, 2014 promulgated subsequently as the Coal Mines (Special Provisions) Act, 2015] were allowed to produce coal up to 31st March, 2015. Allocation of 14 numbers of blocks were not cancelled. Thus total number of blocks stand allocated from 25-09-2014 to 31-03-2015 were 56. Out of 56 coal blocks, number of blocks allocated to the public sector undertakings was 23 and to the private sector was 33. As on 31-03-2015, captive blocks for Power sector under the PSUs meant for government dispensation was 18 and under the private companies meant for captive dispensation it was 17. Similarly number of blocks allocated to Iron and Steel sector under the PSUs was 1 and under the private sector it was 12. Further details may be seen in the concerned table.

1.37 The total geological reserves of these 56 captive coal blocks were estimated to be 10551.671 MT. By the end of 2014-15 the geological reserves of the coal blocks allocated to Power sector, Iron and Steel sector and Cement & Commercial Mining were 9008.820 MT, 1062.06 MT and 480.790 MT respectively.

1.38 During the year 2014-15, captive coal blocks contributed 52.769 MT of coal to All India coal production of 612.435 MT.

1.39 In case of lignite, out of 25 lignite blocks 19 blocks with GR of 1489.930 MT were allocated to PSUs and 6 blocks with reserves of 107.300 MT were allocated to private sector.

1.40 Out of 25 lignite blocks 15 were allocated to power sector and 10 were allocated for captive commercial use. As on 31st March, 2015, 15 lignite blocks were producing.

Chart-I : MONTH-WISE RAW COAL PRODUCTION, DESPATCHES & STOCK IN INDIA, 2014-15

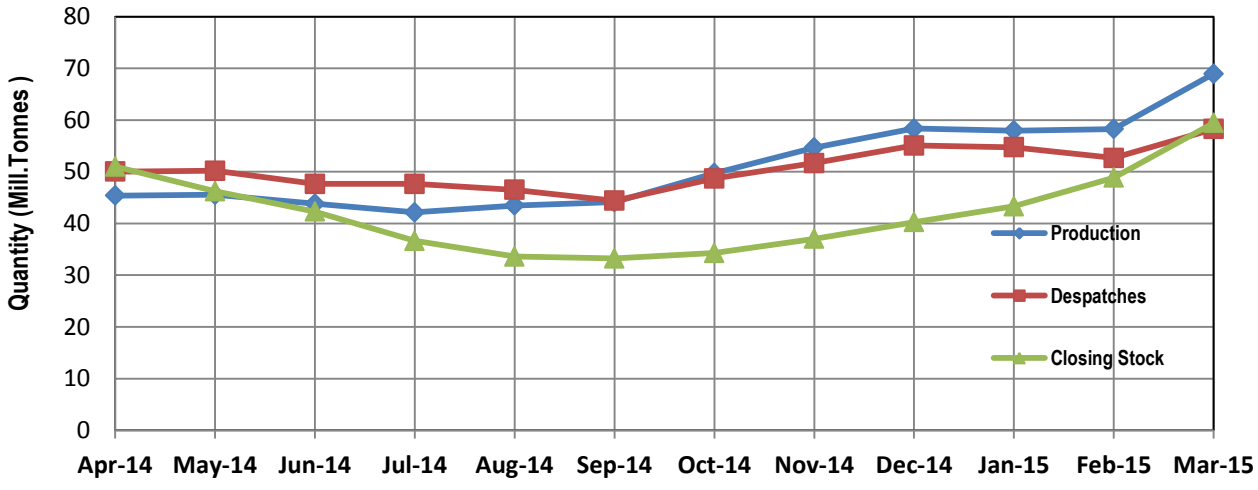


Chart-II : RAW COAL PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS

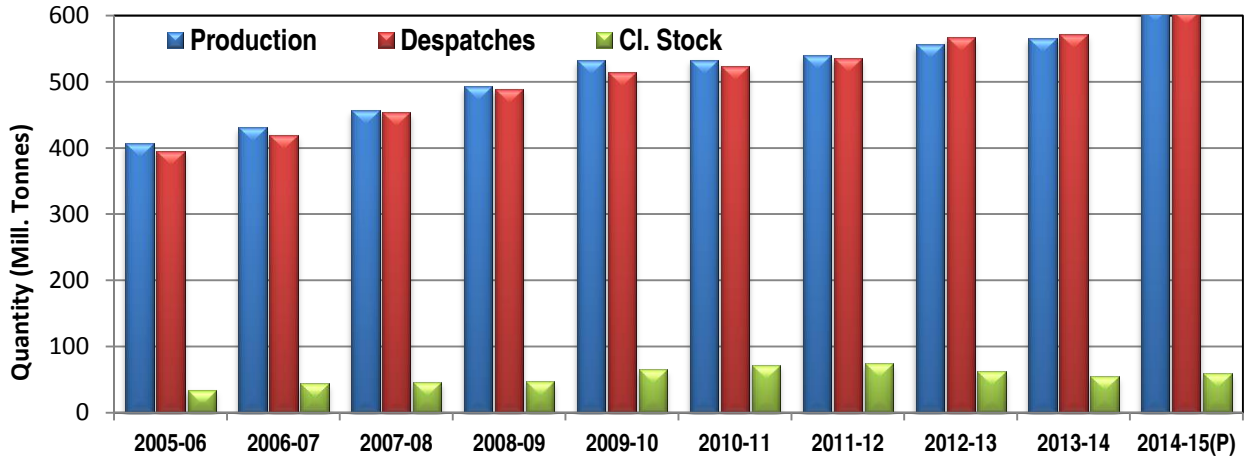
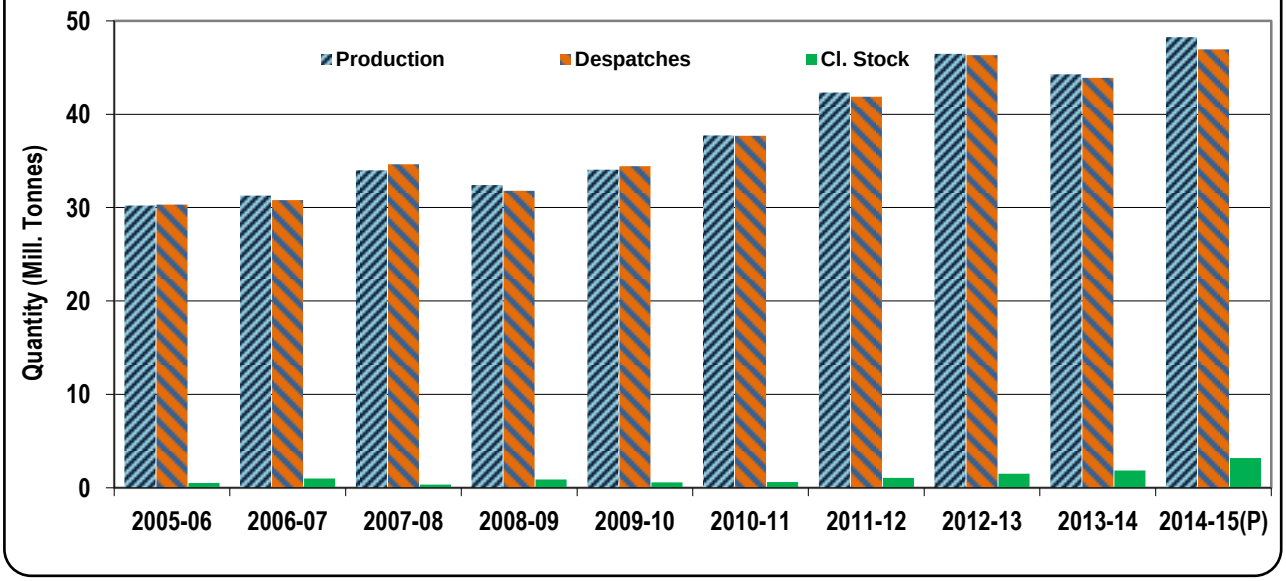


Chart-III : LIGNITE PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS



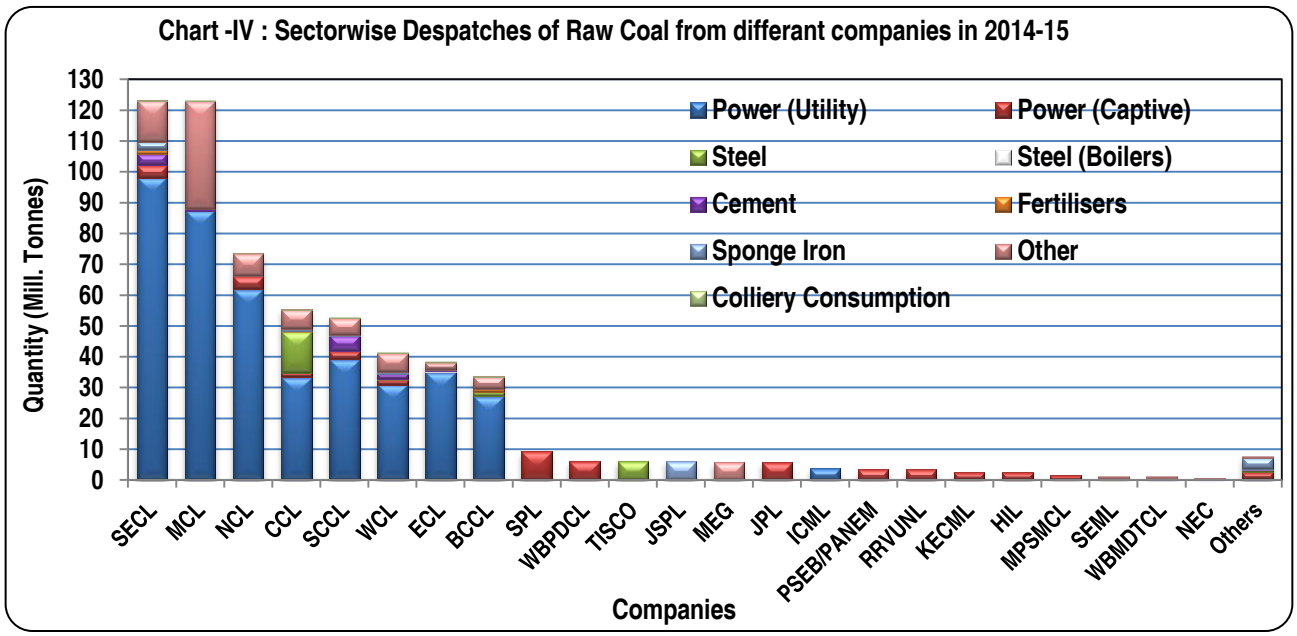


Chart -IV : Sectorwise Despatches of Raw Coal from differant companies in 2014-15
Quantity (Mill. Tonnes)
Companies
Power (Utility)
Power (Captive)
Steel
Steel (Boilers)
Cement
Fertilisers
Sponge Iron
Other
Colliery Consumption
SECL
MCL
NCL
CCL
SCCL
WCL
ECL
BCCL
SPL
WBPDCL
TISCO
JSPL
MEG
JPL
ICML
PSEB/PANEM
RRVUNL
KECML
HIL
MPSMCL
SEML
WBMDTCL
NEC
Others

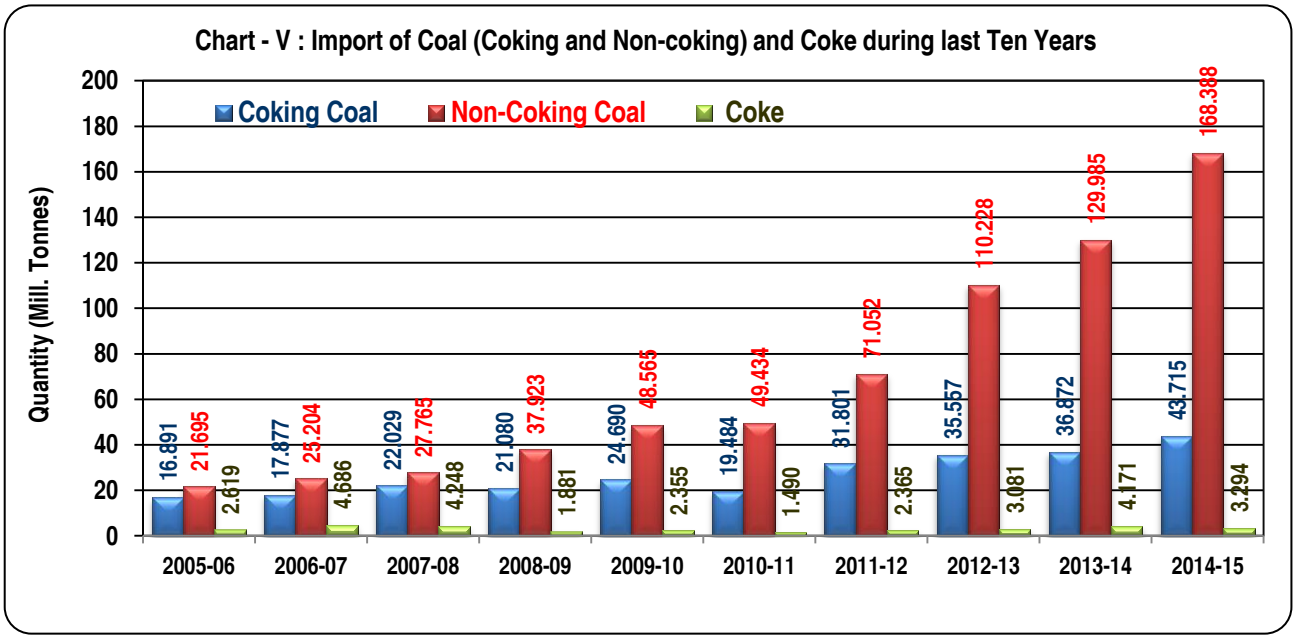


Chart - V : Import of Coal (Coking and Non-coking) and Coke during last Ten Years
Quantity (Mill. Tonnes)
Coking Coal
Non-Coking Coal
Coke
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15

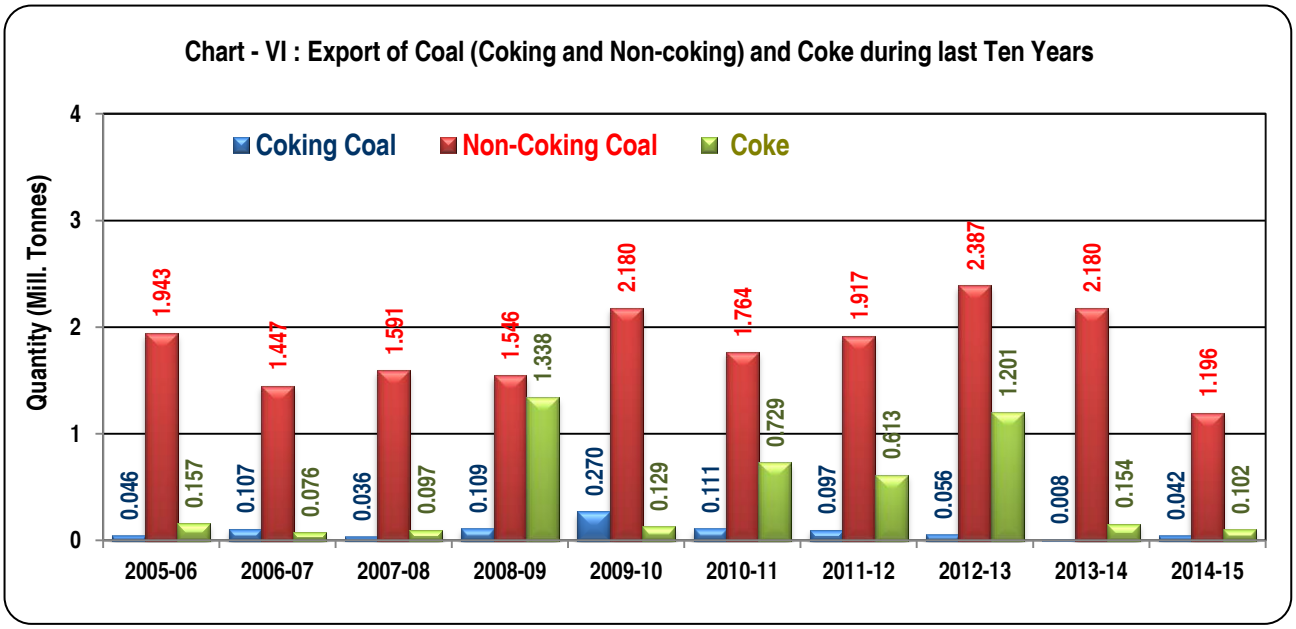


Chart - VI : Export of Coal (Coking and Non-coking) and Coke during last Ten Years
Quantity (Mill. Tonnes)
Coking Coal
Non-Coking Coal
Coke
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15

Table 1.1: All India Coal Demand (BE) and Supply - Sectorwise: 2014-15

(Quantity in MillionTonnes)

Sector	Demand (BE)	Actual Supply			Achievement (%)
		Indigenous	Import	Total	
I. Coking Coal					
1 Steel / Coke Oven/ Private Cokeries	17.02	22.29		22.29	130.9%
2 Import	38.44		43.72	43.72	114%
Sub Total (Raw Coal)	**55.46**	**22.29**	**43.72**	**66.00**	**119.0%**
II. Non Coking Coal					
3 Power (Utilities)	551.60	418.49		418.49	75.9%
4 Power (Captive) [CPP]*	50.00	53.52		53.52	107.0%
5 Sponge Iron	23.85	14.68		14.68	61.5%
6 Cement	26.12	11.36		11.36	43.5%
7 Others	80.00	87.88		87.88	109.8%
Sub-total (Raw Coal)	**731.57**	**585.93**	**168.39**	**754.32**	**103.1%**
III. Total Raw Coal Offtake	**787.03**	**608.21**	**212.10**	**820.32**	**104.2%**

Note:

1 Sectorwise Demand as per Annual Plan of Min. of Coal, GOI.

2 Import of Coal (actual) for the year 2014-15 (Source DGCIS)

* CPP includes despatch to Fertilizer Sector.

Table 1.2: Supply Plan of Indigenous Coal - Sourcewise in 2014-15 (Quantity in MillionTonnes)

Source of Supply	Supply Plan (BE)	Actual supply	Achievement (%)
1 ECL	38.00	38.469	101.2%
2 BCCL	35.00	33.729	96.4%
3 CCL	58.00	55.338	95.4%
4 NCL	78.00	73.693	94.5%
5 WCL	45.00	41.246	91.7%
6 SECL	133.00	123.223	92.6%
7 MCL	132.00	123.001	93.2%
8 NEC	1.00	0.733	73.3%
9 **Total CIL**	520.00	489.432	**94.1%**
10 **SCCL**	55.50	52.725	95.0%
11 **Others**	68.25	66.049	96.8%
All India Indigenous Coal Supply	**643.75**	**608.206**	**94.5%**

Total Indegenous Coal Supply/ Availabilty	BE (2014-15)	Actual	Achievement
a. Demand	787.03	787.03	100.0%
b. Indegenous Supply	643.75	608.21	94.5%
c. Materialisation through Import	143.28	212.10	148.0%
d. Total Supply/ Availabilty	787.03	820.31	104.2%
e. Overall Demand - Supply Gap	0	(+) 33.28	

Demand & Supply Plan is based on Annual Plan 2014-15 of MOC and Actual is from Sectorwise Off-take table.

Table 1.3: Indigenous Coal Supply Plan (BE) & Achievement : 2014-15

(Quantity in MillionTonnes)

Sector	BE (2014-15)				Actual				Achievement (%)			
	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total
I. Coking Coal												
1 Steel (Indigenious)	7.12	0	3.16	10.28	15.07	0	7.22	22.29	212%		228%	217%
2 Private Cokeries/												
Sub Total (R/C)	**7.12**	**0**	**3.16**	**10.28**	**15.07**	**0**	**7.23**	**22.29**	**212%**		**229%**	**217%**
II. Non Coking Coal												
3 Power (Utilities)	405.00	35.00	26.89	466.89	374.78	39.21	4.51	418.49	93%	112%	17%	90%
4 Power (Captive) CPP)#	36.20	4.10	0.50	40.80	13.99	2.66	36.88	53.52	39%	65%	7376%	131%
5 Sponge Iron/ CDI	9.29	0.80	15.07	25.16	4.11	0.35	10.22	14.68	44%	43%	68%	58%
6 Cement	7.20	7.20	0.95	15.35	6.10	4.99	0.27	11.36	85%	69%	29%	74%
7 Others	54.79	8.35	6.96	70.1	3.93	3.97	79.39	87.29	7%	48%	1141%	125%
8 Coll. Consumption	0.42	0.06	0.0	0.48	0.51	0.06	0	0.58	122%	105%		120%
Sub-total (R/C)	**512.90**	**55.51**	**50.37**	**618.78**	**403.42**	**51.23**	**131.27**	**585.92**	**79%**	**92%**	**261%**	**95%**
III. Total Raw Coal	**520.02**	**55.51**	**53.53**	**629.06**	**418.49**	**51.23**	**138.49**	**608.21**	**80%**	**92%**	**259%**	**97%**

Based on Annual Plan 2014-15 of MOC and Sectorwise Off-take table.

CPP Includes Despatch to Fertilizer Sector.

TABLE 1.4 : BALANCE SHEET OF AVAILABILITY AND SUPPLY OF *RAW COAL & LIGNITE* DURING 2013-14 & 2014-15

(Quantity in Million Tonnes)

Availability (within India)	2013-14	2014-15
(A) Production		
Coking Coal	56.818	57.451
Non-coking Coal	508.947	554.984
Lignite	44.271	48.257
Total	**610.036**	**660.692**
(B) Change of Vendible Stock (Closing - 0pening)		
Coking Coal	-1.624	0.582
Non-coking Coal	-5.911	3.351
Lignite	0.367	1.316
Total Change (Cl - Op)	**-7.168**	**5.249**
(C) Import		
Coking Coal	36.872	43.715
Non-coking Coal	129.985	168.388
Total Raw Coal	**166.857**	**212.103**
(D) Export	**2.188**	**1.238**
(E) Total Availability	**781.873**	**866.308**

Supply (within India)	2013-14				2014-15			
Sectors	Raw Coal	Lignite	Imported Coal	**Total**	Raw Coal	Lignite	Imported Coal	**Total**
Steel & Washery	16.175	0.030	36.872	**53.077**	22.650	0.023	43.715	**66.388**
Power (Utility+Captive)	448.952	36.336	44.296	**529.584**	469.716	39.473	57.383	**566.572**
Cement	11.936	1.489	20.520	**33.945**	11.362	1.269	26.583	**39.214**
Textile	0.360	0.733		**1.093**	0.419	2.887		**3.306**
Sponge Iron	18.493			**18.493**	14.676			**14.676**
Fertilizer & Chem.	2.639	0.166		**2.805**	2.693	0.333		**3.026**
Paper	1.906	1.29		**3.196**	1.541	0.690		**2.231**
Brick	4.007	1.003		**5.010**	0.113	0.613		**0.726**
Others	67.592	2.850	65.169	**135.611**	84.460	1.653	84.422	**170.535**
Colliery Consmn.	0.425			**0.425**	0.576			**0.576**
Total Off-take	**572.485**	**43.897**	**166.857**	**783.239**	**608.206**	**46.941**	**212.103**	**867.250**
Statistical Difference				**-1.366**				**-0.942**
Total Supply				**781.873**				**866.308**

Note: It is assumed that there is no change in industrial stock. Washed coal has been converted into raw coal equivalent. In Coal Directory closing balance of a year is taken as openibg balance of next year. However it is noted that there is a significant change between closing stock of last year and opening stock of this year. This resulted an increase (in absolute terms) in Statistical difference.

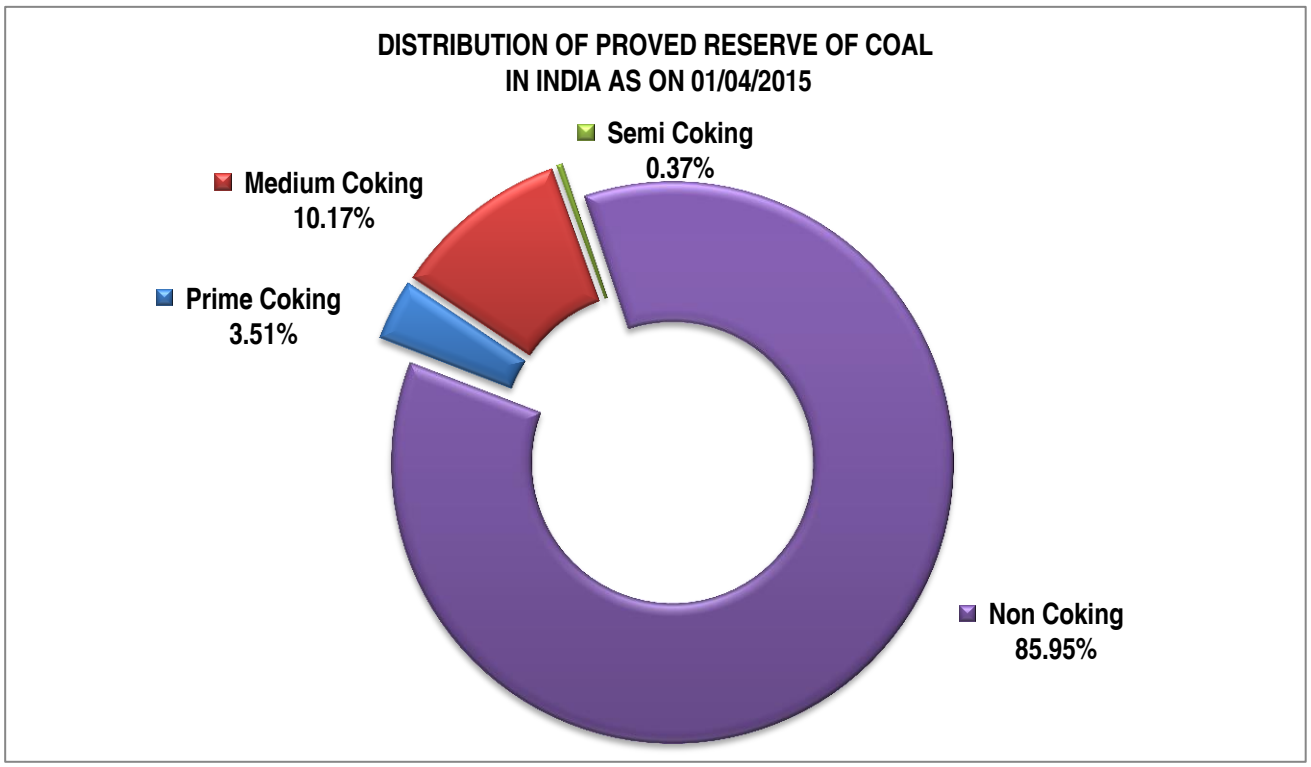
TABLE-1.5 : TOTAL PRIMARY SUPPLY (TPS) OF COAL & LIGNITE : 2005-06 to 2014-15 (Mill Tonnes)

Year	Fuel type	Production	Imports	Exports	Net Import	Opening Stock	Closing Stock	Stock Change	T P S
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Coal	407.039	38.586	1.989	36.597	23.969	34.334	-10.365	433.271
2005-06	Lignite	30.228			0.000	0.536	0.525	0.011	30.239
	Total	437.267	38.586	1.989	36.597	24.505	34.859	-10.354	463.510
	Coal	430.832	43.081	1.554	41.527	34.334	44.348	-10.014	462.345
2006-07	Lignite	31.285			0.000	0.525	1.002	-0.477	30.808
	Total	462.117	43.081	1.554	41.527	34.859	45.350	-10.491	493.153
	Coal	457.082	49.794	1.627	48.167	44.348	46.779	-2.431	502.818
2007-08	Lignite	33.980			0.000	1.002	0.328	0.674	34.654
	Total	491.062	49.794	1.627	48.167	45.350	47.107	-1.757	537.472
	Coal	492.757	59.003	1.655	57.348	46.779	47.317	-0.538	549.567
2008-09	Lignite	32.421			0.000	0.328	0.903	-0.575	31.846
	Total	525.178	59.003	1.655	57.348	47.107	48.220	-1.113	581.413
	Coal	532.042	73.255	2.454	70.801	47.317	64.863	-17.546	585.297
2009-10	Lignite	34.071				0.903	0.565	0.338	34.409
	Total	566.113	73.255	2.454	70.801	48.220	65.428	-17.208	619.706
	Coal	532.694	68.918	4.409	64.509	64.863	72.192	-7.329	589.874
2010-11	Lignite	37.733				0.565	0.610	-0.045	37.688
	Total	570.427	68.918	4.409	64.509	65.428	72.802	-7.374	627.562
	Coal	539.950	102.853	2.014	100.839	72.192	74.040	1.848	642.637
2011-12	Lignite	42.332				0.610	1.051	0.441	42.773
	Total	582.282	102.853	2.014	100.839	72.802	75.091	2.289	685.410
	Coal	556.402	145.785	2.443	143.342	74.040	63.049	-10.991	688.753
2012-13	Lignite	46.453	0.001	0.069	-0.068	1.051	1.493	0.442	46.827
	Total	602.855	145.786	2.512	143.274	75.091	64.542	-10.549	735.580
	Coal	565.766	168.439	2.153	166.286	63.049	55.178	-7.871	724.181
2013-14	Lignite	44.271	0.001	0.002	-0.001	1.493	1.860	0.367	44.637
	Total	610.037	168.440	2.155	166.285	64.542	57.038	-7.504	768.818
	Coal	612.435	212.103	1.238	210.865	55.178	59.447	4.269	827.569
2014-15	Lignite	48.257	0.001	0.003	-0.002	1.860	3.176	1.316	49.571
	Total	660.692	212.104	1.241	210.863	57.038	62.623	5.585	877.140

Note: Total Primary Supply is estimated as sum of indegenous production, Net Import & Stock Change.
For simplicity, only stock change of pit head stock is taken.

TABLE - 1.6: INVENTORY OF GEOLOGICAL RESERVE OF COAL BY TYPE AS ON 1st APRIL 2013, 2014 & 2015

Type of Coal	As on	Reserve (Quantity in Million Tonnes)			
		Proved	Indicated	Inferred	***Total***
(1)	(2)	(3)	(4)	(5)	***(6)***
Prime Coking	01/04/2013	4,614	699	0	***5,313***
	01/04/2014	4,614	699	0	***5,313***
	01/04/2015	4,614	699	0	***5,313***
Medium Coking	01/04/2013	13,269	11,893	1,879	***27,041***
	01/04/2014	13,303	11,867	1,879	***27,049***
	01/04/2015	13,389	12,114	1,879	***27,382***
Blendable / Semi Coking	01/04/2013	482	1,003	222	***1,707***
	01/04/2014	482	1,004	222	***1,708***
	01/04/2015	482	1,004	222	***1,708***
Non Coking (Including	01/04/2013	1,04,816	1,29,037	30,999	***2,64,852***
High Sulphur)	01/04/2014	1,07,509	1,28,937	31,047	***2,67,494***
	01/04/2015	1,13,129	1,29,425	29,638	***2,72,192***
Total	***01/04/2013 ****	***1,23,182***	***1,42,632***	***33,100***	***2,98,914***
	01/04/2014 *	***1,25,909***	***1,42,506***	***33,148***	***3,01,564***
	01/04/2015 *	***1,31,614***	***1,43,241***	***31,739***	***3,06,596***



**** Including Sikkim***

Source: Geological Survey of India

TABLE - 1.7: STATEWISE INVENTORY OF GEOLOGICAL RESOURCES OF COAL AS ON 1st APRIL 2013, 2014 & 2015

(Quantity in Million Tonnes)

State	As on	Resources			
		Proved	Indicated	Inferred	***Total***
(1)	(2)	(3)	(4)	(5)	***(6)***
GONDAWANA COALFIELDS					
ASSAM	1/4/2013	0	4	0	***4***
	1/4/2014	0	4	0	***4***
	1/4/2015	0	4	0	***4***
Telangana	1/4/2013	9,604	9,554	3,049	***22,207***
	1/4/2014	9,729	9,670	3,068	***22,468***
	1/4/2015	0	1,149	432	***1,581***
JHARKHAND	1/4/2013	41,155	32,986	6,559	***80,701***
	1/4/2014	41,377	32,780	6,559	***80,716***
	1/4/2015	41,463	33,026	6,559	***81,049***
BIHAR	1/4/2013	0	0	160	***160***
	1/4/2014	0	0	160	***160***
	1/4/2015	0	0	160	***160***
MADHYA PRADESH	1/4/2013	9,818	12,355	2,889	***25,061***
	1/4/2014	10,411	12,382	2,879	***25,673***
	1/4/2015	10,411	12,784	3,341	***26,536***
CHHATTISGARH	1/4/2013	14,779	34,107	3,283	***52,169***
	1/4/2014	16,052	33,253	3,228	***52,533***
	1/4/2015	18,237	34,390	2,285	***54,912***
MAHARASHTRA	1/4/2013	5,667	3,186	2,110	***10,964***
	1/4/2014	5,667	3,186	2,110	***10,964***
	1/4/2015	5,953	3,190	2,110	***11,253***
ODISHA	1/4/2013	27,284	37,110	9,316	***73,710***
	1/4/2014	27,791	37,873	9,408	***75,073***
	1/4/2015	30,747	36,545	8,507	***75,799***
SIKKIM	1/4/2013	0	58	43	***101***
	1/4/2014	0	58	43	***101***
	1/4/2015	0	58	43	***101***
TELANGANA	1/4/2015	9,807	8,808	2,597	***21,211***
UTTAR PRADESH	1/4/2013	884	178	0	***1,062***
	1/4/2014	884	178	0	***1,062***
	1/4/2015	884	178	0	***1,062***
WEST BENGAL	1/4/2013	13,396	12,995	4,892	***31,283***
	1/4/2014	13,403	13,022	4,893	***31,318***
	1/4/2015	13,518	13,010	4,907	***31,435***
GONDAWANA	***1/4/2013***	***1,22,588***	***1,42,534***	***32,301***	***2,97,423***
	1/4/2014	***1,25,315***	***1,42,407***	***32,350***	***3,00,072***
	1/4/2015	***1,31,020***	***1,43,142***	***30,941***	***3,05,103***

State	As on	Resources			
		Proved	Indicated	Inferred	***Total***
(1)	(2)	(3)	(4)	(5)	***(6)***
TERTIARY COAL FIELDS					
ARUNACHAL PRADESH	1/4/2013	31	40	19	***90***
	1/4/2014	31	40	19	***90***
	1/4/2015	31	40	19	***90***
ASSAM	1/4/2013	465	43	3	***511***
	1/4/2014	465	43	3	***511***
	1/4/2015	465	43	3	***511***
MEGHALAYA	1/4/2013	89	17	471	***576***
	1/4/2014	89	17	471	***576***
	1/4/2015	89	17	471	***576***
NAGALAND	1/4/2013	9	0	307	***315***
	1/4/2014	9	0	307	***315***
	1/4/2015	9	0	307	***315***
TERTIARY Coalfields	1/4/2013	594	99	799	***1,493***
	1/4/2014	594	99	799	***1,493***
	1/4/2015	594	99	799	***1,493***
INDIA	***1/4/2013***	***1,23,182***	***1,42,633***	***33,100***	***2,98,915***
	1/4/2014	***1,25,909***	***1,42,506***	***33,148***	***3,01,564***
	1/4/2015	***1,31,614***	***1,43,241***	***31,740***	***3,06,596***

Singrimari coalfield of Assam (Non-Coking) is included in Gondawana coalfield, not considered in Tertiary coalfields.

Source: Geological Survey of India

Data may not add up to respective total due to rounding off.

TABLE - 1.8 : STATEWISE INVENTORY OF GEOLOGICAL RESERVE OF LIGNITE
AS ON 1st APRIL 2013, 2014 & 2015

State	As on	Resources (Quantiry in Million Tonnes)			
		Proved	Indicated	Inferred	***Total***
(2)	(1)	(3)	(4)	(5)	***(6)***
Gujarat	04-01-2013	1278.65	283.70	1159.70	***2722.05***
	04-01-2014	1278.65	283.70	1159.70	***2722.05***
	04-01-2015	1278.65	283.70	1159.70	***2722.05***
J & K	04-01-2013	0.00	20.25	7.30	***27.55***
	04-01-2014	0.00	20.25	7.30	***27.55***
	04-01-2015	0.00	20.25	7.30	***27.55***
Kerala	04-01-2013	0.00	0.00	9.65	***9.65***
	04-01-2014	0.00	0.00	9.65	***9.65***
	04-01-2015	0.00	0.00	9.65	***9.65***
Pondicherry	04-01-2013	0.00	405.61	11.00	***416.61***
	04-01-2014	0.00	405.61	11.00	***416.61***
	04-01-2015	0.00	405.61	11.00	***416.61***
Rajasthan	04-01-2013	1167.02	2671.93	1850.57	***5689.52***
	04-01-2014	1167.02	2671.93	1881.39	***5720.35***
	04-01-2015	1168.53	2670.84	1887.34	***5726.72***
Tamilnadu	04-01-2013	3735.23	22900.05	7712.43	***34347.71***
	04-01-2014	3735.23	22900.05	7712.43	***34347.71***
	04-01-2015	3735.23	22900.05	8573.62	***35208.90***
West Bengal	04-01-2013	0.00	1.13	1.64	***2.77***
	04-01-2014	0.00	1.13	1.64	***2.77***
	04-01-2015	0.00	1.13	1.64	***2.77***
All India	***04-01-2013***	***6180.90***	***26282.67***	***10752.29***	***43215.86***
	04-01-2014	***6180.90***	***26282.67***	***10783.11***	***43246.68***
	04-01-2015	***6182.41***	***26281.58***	***11650.25***	***44114.24***

Note: Figures compiled by Neyveli Lignite Corporation Ltd.

TABLE: 1.9 - PERCENTAGE CHANGE IN ACTUAL OVER PROVISIONAL DURING LAST SEVEN YEARS

(Quantity in Million Tonnes)

Year	Item	Production				Despatch			
		Coking Coal	Non-coking Coal	**Total Coal**	Lignite	Coking Coal	Non-coking Coal	**Total Coal**	Lignite
2008-09	Provisional	33.309	459.636	**492.945**	32.421	35.674	453.321	**488.995**	31.793
	Actual	34.809	457.948	**492.757**	32.421	35.724	453.448	**489.172**	31.793
	Change(A-P)	4.50%	-0.37%	**-0.04%**	0.00%	0.14%	0.03%	**0.04%**	0.00%
2009-10	Provisional	44.256	487.806	**532.062**	34.071	42.627	470.592	**513.219**	34.431
	Actual	44.413	487.629	**532.042**	34.071	42.469	471.323	**513.792**	34.430
	Change(A-P)	0.35%	-0.04%	**0.00%**	0.00%	-0.37%	0.16%	**0.11%**	0.00%
2010-11	Provisional	49.533	483.543	**533.076**	37.735	48.936	474.311	**523.247**	37.516
	Actual	49.547	483.147	**532.694**	37.733	48.950	474.515	**523.465**	37.685
	Change(A-P)	0.03%	-0.08%	**-0.07%**	-0.01%	0.03%	0.04%	**0.04%**	0.45%
2011-12	Provisional	51.654	488.286	**539.940**	43.105	51.528	483.624	**535.152**	42.500
	Actual	51.660	488.290	**539.950**	42.332	51.723	483.576	**535.299**	41.883
	Change(A-P)	0.01%	0.00%	**0.00%**	-1.79%	0.38%	-0.01%	**0.03%**	-1.45%
2012-13	Provisional	51.834	505.873	**557.707**	46.598	55.212	514.555	**569.767**	46.312
	Actual	51.582	504.820	**556.402**	46.453	55.859	511.277	**567.136**	46.313
	Change(A-P)	-0.49%	-0.21%	**-0.23%**	-0.31%	1.17%	-0.64%	**-0.46%**	0.00%
2013-14	Provisional	56.818	508.948	565.766	44.271	58.302	512.949	571.251	43.897
	Actual	56.818	508.947	565.765	44.271	58.464	513.596	572.06	43.897
	Change(A-P)	0.00%	0.00%	**0.00%**	0.00%	0.28%	0.13%	**0.14%**	0.00%
2014-15	Provisional	57.451	554.984	612.435	48.257	56.614	551.016	607.630	46.941
	Final								
	Change(A-P)	-100.00%	-100.00%	**-100.00%**	-100.00%	-100.00%	-100.00%	**-100.00%**	-100.00%

N.B : P=Provisional, A=Actual

TABLE - 2.1: TRENDS OF PRODUCTION OF COAL AND LIGNITE DURING LAST TEN YEARS

(Million Tonnes)

Year	Raw Coal		Lignite		Total Solid Fossil Fuel	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2005-06	407.039	6.38	30.228	0.60	437.267	5.87
2006-07	430.832	5.85	31.285	3.50	462.117	5.68
2007-08	457.082	6.09	33.980	8.61	491.062	6.26
2008-09	492.757	7.80	32.421	4.59	525.178	6.95
2009-10	532.042	7.97	34.071	5.09	566.113	7.79
2010-11	532.694	0.12	37.733	10.75	570.427	0.76
2011-12	539.950	1.36	42.332	12.19	582.282	2.08
2012-13	556.402	3.05	46.453	9.73	602.855	3.53
2013-14	565.765	1.68	44.271	-4.70	610.036	1.19
2014-15	612.435	8.25	48.257	9.00	660.692	8.30

TABLE - 2.2 : TRENDS OF PRODUCTION OF COAL BY TYPE DURING LAST TEN YEARS

(Million Tonnes)

Year	Metallurgical Coal		Total Coking Coal		Non Coking Coal		Raw Coal	
	Production	Growth	Production	Growth	Production	Growth	Production	Growth
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2005-06	17.123	-5.9	31.511	4.3	375.528	6.6	407.039	6.4
2006-07	17.231	0.6	32.097	1.9	398.735	6.2	430.832	5.8
2007-08	18.065	4.8	34.455	7.3	422.627	6.0	457.082	6.1
2008-09	17.301	-4.2	33.809	1.0	457.948	8.4	492.757	7.8
2009-10	17.731	2.5	44.413	31.4	487.629	6.5	532.042	8.0
2010-11	17.695	-0.2	49.547	11.6	483.147	-0.9	532.694	0.1
2011-12	16.239	-8.2	51.660	4.3	488.290	1.1	539.950	1.4
2012-13	14.547	-10.4	51.582	-0.2	504.820	3.4	556.402	3.0
2013-14	15.114	3.9	56.818	10.2	508.947	0.8	565.765	1.7
2014-15	13.789	-8.8	57.451	1.1	554.984	9.0	612.435	8.2

Note: Growth of year is calculated as percentage of increase or decrease (-) over last year

TABLE - 2.3 : TREND OF PRODUCTION OF COAL PRODUCTS BY TYPE DURING LAST TEN YEARS

(Million Tonnes)

Year	Washed Coal (Coking)		Washed Coal (Non-Coking)		Middlings (Coking)		Middlings (Non-Coking)		Hard Coke	
	Production	Growth	Production	Growth	Production	Growth	Production	Growth	Production	Growth
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2005-06	8.376	-4.7	12.555	18.9	5.582	8.0	2.793	74.0	13.347	5.3
2006-07	7.025	-16.1	12.688	1.1	5.876	5.3	2.858	2.3	12.566	-5.9
2007-08	7.171	2.1	12.686	0.0	6.150	4.7	3.276	14.6	12.542	-0.2
2008-09	7.181	0.1	13.550	6.8	5.294	-13.9	3.264	-0.4	12.619	0.6
2009-10	6.547	-8.8	13.963	3.0	4.642	-12.3	3.264	0.0	12.663	0.3
2010-11	6.955	6.2	14.531	4.1	4.643	0.0	3.589	10.0	12.880	1.7
2011-12	6.496	-6.6	15.437	6.2	3.674	-20.9	3.669	2.2	14.330	11.3
2012-13	6.550	0.8	14.190	-8.1	5.464	48.7	3.825	4.3	11.694	-18.4
2013-14	6.614	1.0	15.699	10.6	4.913	-10.1	3.926	2.6	12.606	7.8
2014-15	6.011	-9.1	17.294	10.2	4.721	-3.9	3.742	-4.7	14.355	13.9

Note:

1. All the above figures of Washed Coal & Middling relate to coal companies (private& public). Washeries not owned by coal companies are not included here.

2. Hard Coke data relate to steel plants only. Private sector are not covered as data are not readily available.

TABLE 2.4: MONTHLY PRODUCTION OF DIFFERENT TYPES OF COAL, LIGNITE & COAL PRODUCTS IN 2014-15

(Quantity in Million Tonnes)

MONTH	Coking Coal			Non-coking Coal			Raw Coal			Lignite		
	Prdn	Growth*	Share**	Prdn	Growth*	Share**	Prdn	Growth*	Share**	Prdn	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2014-15												
Apr-14	4.667	4.0	8.1	40.739	4.5	7.3	45.406	4.4	7.4	3.884	-11.7	8.0
May-14	4.831	9.7	8.4	40.712	4.9	7.3	45.543	5.4	7.4	4.713	4.2	9.8
Jun-14	4.306	-0.5	7.5	39.502	9.5	7.1	43.808	8.4	7.2	4.258	14.5	8.8
1st Quarter	**13.804**	4.4	**24.0**	**120.953**	6.2	**21.8**	**134.757**	6.0	**22.0**	**12.855**	1.7	**26.6**
Jul-14	3.904	-10.9	6.8	38.238	7.7	6.9	42.142	5.7	6.9	3.092	22.7	6.4
Aug-14	4.132	-2.1	7.2	39.333	15.1	7.1	43.465	13.2	7.1	3.461	19.6	7.2
Sep-14	4.115	-3.0	7.2	40.005	8.8	7.2	44.120	7.6	7.2	2.923	-6.9	6.1
2nd Quarter	**12.151**	-5.4	**21.2**	**117.576**	10.5	**21.2**	**129.727**	8.8	**21.2**	**9.476**	10.8	**19.6**
Oct-14	4.553	9.4	7.9	45.171	17.1	8.1	49.724	16.4	8.1	2.940	2.0	6.1
Nov-14	4.831	8.5	8.4	49.847	15.2	9.0	54.678	14.6	8.9	3.340	16.1	6.9
Dec-14	5.017	0.6	8.7	53.353	8.2	9.6	58.370	7.5	9.5	4.122	4.8	8.5
3rd Quarter	**14.401**	5.9	**25.1**	**148.371**	13.2	**26.7**	**162.772**	12.5	**26.6**	**10.402**	7.3	**21.6**
Jan-15	5.184	-5.3	9.0	52.789	2.2	9.5	57.973	1.5	9.5	4.592	3.2	9.5
Feb-15	5.428	7.5	9.4	52.836	11.9	9.5	58.264	11.5	9.5	4.710	18.3	9.8
Mar-15	6.483	-2.2	11.3	62.459	6.5	11.3	68.942	5.6	11.3	6.222	25.6	12.9
4th Quarter	**17.095**	-0.3	**29.8**	**168.084**	6.7	**30.3**	**185.179**	6.0	**30.2**	**15.524**	16.0	**32.2**
2014-15	**57.451**	1.1	**100.0**	**554.984**	9.0	**100.0**	**612.435**	8.2	**100.0**	**48.257**	9.0	**100.0**

Note: (1) *Growth (%) is calculated over similar period of last year.

(2) **Share (%) is caculated as ratio to yearly production.

Cont....

TABLE 2.5: MONTHLY PRODUCTION OF DIFFERENT TYPES OF COAL, LIGNITE & COAL PRODUCTS IN 2014-15

(Quantity in Million Tonnes)

MONTH	Washed Coal(Coking)			Washed Coal(N-coking)			Middlings(coking)			Middlings(N-coking)			Hard Coke		
	Prdn	Growth*	Share**	Prdn	Growth*	Share**	Prdn	Growth*	Share**	Prdn	Growth*	Share**	Prdn	Growth*	Share**
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
2014-15															
Apr-14	0.517	-10.1	8.6	1.034	-14.2	6.0	0.341	-25.7	7.2	0.323	-10.8	8.6	1.142	15.4	8.0
May-14	0.484	-11.4	8.1	1.290	-14.1	7.5	0.326	-27.9	6.9	0.342	11.8	9.1	1.218	16.9	8.5
Jun-14	0.473	-11.9	7.9	1.375	-2.3	8.0	0.341	-24.6	7.2	0.337	-5.6	9.0	1.126	9.9	7.8
1st Quarter	**1.474**	-11.1	**24.5**	**3.699**	-10.1	**21.4**	**1.008**	-26.0	**21.4**	**1.002**	-2.2	**26.8**	**3.486**	14.0	**24.3**
Jul-14	0.471	-15.9	7.8	1.481	-4.3	8.6	0.380	-14.4	8.0	0.311	-4.0	8.3	1.193	11.5	8.3
Aug-14	0.441	-17.3	7.3	1.304	-2.0	7.5	0.367	-4.7	7.8	0.347	26.6	9.3	1.215	9.7	8.5
Sep-14	0.529	-10.5	8.8	1.365	22.3	7.9	0.382	-0.3	8.1	0.319	15.6	8.5	1.222	16.9	8.5
2nd Quarter	**1.441**	-14.4	**24.0**	**4.150**	3.9	**24.0**	**1.129**	-6.8	**23.9**	**0.977**	11.8	**26.1**	**3.630**	12.6	**25.3**
Oct-14	0.495	-9.2	8.2	1.536	23.0	8.9	0.387	17.6	8.2	0.335	2.1	9.0	1.178	12.7	8.2
Nov-14	0.501	-4.6	8.3	1.478	23.3	8.5	0.415	16.9	8.8	0.276	-10.1	7.4	1.127	9.7	7.9
Dec-14	0.521	-7.0	8.7	1.717	21.9	9.9	0.427	9.8	9.0	0.310	3.0	8.3	1.227	13.6	8.5
3rd Quarter	**1.517**	-6.9	**25.2**	**4.731**	22.7	**27.4**	**1.229**	14.5	**26.0**	**0.921**	-1.6	**24.6**	**3.532**	12.1	**24.6**
Jan-15	0.544	-3.5	9.1	1.688	40.2	9.8	0.433	-5.3	9.2	0.335	0.6	9.0	1.272	18.1	8.9
Feb-15	0.495	-10.0	8.2	1.458	24.4	8.4	0.393	-2.7	8.3	0.258	-21.1	6.9	1.161	17.3	8.1
Mar-15	0.540	2.3	9.0	1.568	15.4	9.1	0.529	30.9	11.2	0.249	-42.2	6.7	1.274	15.1	8.9
4th Quarter	**1.579**	-3.8	**26.3**	**4.714**	26.2	**27.3**	**1.355**	7.1	**28.7**	**0.842**	-22.8	**22.5**	**3.707**	16.8	**25.8**
2014-15	**6.011**	-9.1	**100.0**	**17.294**	10.2	**100.0**	**4.721**	-3.9	**100.0**	**3.742**	-4.7	**100.0**	**14.355**	13.9	**100.0**

Note: (1) *Growth (%) is calculated over similar period of last year.

(2) **Share (%) is caculated as ratio to yearly production.

(3) All the above figures of Washed Coal & Middling relate to coal companies (private& public). Washeries not owned by coal companies are not included here.

(4) Hard Coke data relate to steel plants only.

TABLE 2.6 : SHARE OF RAW COAL PRODUCTION BY STATES IN LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Telangana			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005-06	36.138	8.9	2.4	1.101	0.3	75.3	76.358	18.8	10.3
2006-07	37.707	8.8	4.3	1.050	0.2	-4.6	83.241	19.3	9.0
2007-08	40.604	8.9	7.7	1.101	0.2	4.9	90.172	19.7	8.3
2008-09	44.546	9.0	9.7	1.009	0.2	-8.4	101.922	20.7	13.0
2009-10	50.429	9.5	13.2	1.113	0.2	10.3	109.953	20.7	7.9
2010-11	51.333	9.6	1.8	1.101	0.2	-1.1	113.825	21.4	3.5
2011-12	52.211	9.7	1.7	0.602	0.1	-45.3	113.958	21.1	0.1
2012-13	53.190	9.6	1.9	0.605	0.1	0.5	117.830	21.2	3.4
2013-14	50.469	8.9	-5.1	0.664	0.1	9.8	127.095	22.5	7.9
2014-15	52.536	8.6	4.1	0.779	0.1	17.3	134.764	22.0	6.0

Year	Jammu & Kashmir			Jharkhand			Madhya Pradesh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2005-06	0.019	0.0	-17.4	85.423	21.0	9.5	55.579	13.7	5.8
2006-07	0.016	0.0	-15.8	88.764	20.6	3.9	59.726	13.9	7.5
2007-08	0.017	0.0	6.3	90.895	19.9	2.4	67.841	14.8	13.6
2008-09	0.011	0.0	-35.3	96.272	19.5	5.9	71.325	14.5	5.1
2009-10	0.023	0.0	109.1	105.917	19.9	10.0	74.074	13.9	3.9
2010-11	0.023	0.0	0.0	108.949	20.5	2.9	71.104	13.3	-4.0
2011-12	0.020	0.0	-13.0	109.566	20.3	0.6	71.123	13.2	0.0
2012-13	0.019	0.0	-5.0	111.274	20.0	1.6	75.948	13.6	6.8
2013-14	0.019	0.0	0.0	113.091	20.0	1.6	75.590	13.4	-0.5
2014-15	0.013	0.0	-31.6	124.147	20.3	9.8	87.609	14.3	15.9

Year	Maharashtra			Meghalaya		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)
2005-06	36.119	8.9	4.6	5.566	1.4	4.0
2006-07	36.215	8.4	0.3	5.787	1.3	3.8
2007-08	36.403	8.0	0.5	6.541	1.4	11.5
2008-09	38.705	7.9	6.3	5.489	1.1	-19.2
2009-10	41.005	7.7	5.9	5.767	1.1	4.8
2010-11	39.336	7.4	-4.1	6.974	1.3	17.3
2011-12	39.159	7.3	-0.4	7.206	1.3	3.2
2012-13	39.134	7.0	-0.1	5.640	1.0	-27.8
2013-14	37.223	6.6	-4.9	5.732	1.0	1.6
2014-15	38.257	6.2	2.8	5.732	0.9	0.0

Note: The State of Chhattisgarh is curved out of the state of Madhya Pradesh w.e.f 1st November 2000.

Note: The State of Jharkhand is curved out of the state of Bihar w.e.f 15th Nov.2000.

Note: The state of Telangana has been formed from A.P w.e.f 02.06.2014 and the only producing company SCCL is in Telangana . So, for the whole year figures have been shown for Telangana State.

TABLE 2.6 : SHARE OF RAW COAL PRODUCTION BY STATES IN LAST TEN YEARS.

(Quantity in Million Tonnes)

Year	Odisha			Uttar Pradesh			West Bengal		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2005-06	70.540	17.3	5.9	15.721	3.9	-6.4	24.475	6.0	3.8
2006-07	81.160	18.8	15.1	12.228	2.8	-22.2	24.938	5.8	1.9
2007-08	89.482	19.6	10.3	11.426	2.5	-6.6	22.521	4.9	-9.7
2008-09	98.402	20.0	10.0	12.029	2.4	5.3	22.905	4.6	1.7
2009-10	106.409	20.0	8.1	13.968	2.6	16.1	23.133	4.3	1.0
2010-11	102.565	19.3	-3.6	15.526	2.9	11.2	21.659	4.1	-6.4
2011-12	105.476	19.5	2.8	16.178	3.0	4.2	24.230	4.5	11.9
2012-13	110.132	19.8	4.4	16.090	2.9	-0.5	26.467	4.8	9.2
2013-14	112.917	20.0	2.5	14.721	2.6	-8.5	28.244	5.0	6.7
2014-15	123.627	20.2	9.5	14.957	2.4	1.6	30.014	4.9	6.3

Year	Arunachal Pradesh			Year	ALL INDIA	
	Quantity	Share (%)	Growth (%)		Quantity	Growth (%)
(41)	(42)	(43)	(44)	(45)	(46)	(47)
2005-06				2005-06	**407.039**	6.4
2006-07				2006-07	**430.832**	5.8
2007-08	0.079	0.0	0.0	2007-08	**457.082**	6.1
2008-09	0.142	0.0	79.7	2008-09	**492.757**	7.8
2009-10	0.251	0.0	76.8	2009-10	**532.042**	8.0
2010-11	0.299	0.1	19.1	2010-11	**532.694**	0.1
2011-12	0.221	0.0	-26.1	2011-12	**539.950**	1.4
2012-13	0.073	0.0	-67.0	2012-13	**556.402**	3.0
2013-14	0.000	0.0	-100.0	2011-13	**565.765**	1.7
2014-15	0.000	0.0	0.0	2011-13	**612.435**	8.2

TABLE 2.7 : SHARE OF LIGNITE PRODUCTION BY STATES IN LAST TEN YEARS.

(Quantity in Million Tonnes)

Year	Tamilnadu			Gujarat			Rajasthan		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005-06	20.435	68.0	-5.2	8.944	29.7	8.8	0.687	2.3	25.4
2006-07	21.014	67.2	2.8	9.808	31.4	9.7	0.463	1.5	-32.6
2007-08	21.586	63.5	2.7	11.788	34.7	20.2	0.606	1.8	30.9
2008-09	21.308	65.7	-1.3	10.114	31.2	-14.2	0.999	3.1	64.9
2009-10	22.338	65.6	4.8	10.526	30.9	4.1	1.207	3.5	20.8
2010-11	23.144	61.3	3.6	13.064	34.6	24.1	1.525	4.0	26.3
2011-12	24.590	58.1	6.2	14.779	34.9	13.1	2.963	7.0	94.3
2012-13	24.844	53.5	1.0	14.528	31.3	-1.7	7.081	15.2	139.0
2013-14	25.056	56.6	0.9	11.588	26.2	-20.2	7.627	17.2	7.7
2014-15	25.190	52.2	0.5	12.304	25.5	6.2	10.763	22.3	41.1

Year	**ALL INDIA**	
	Quantity	**Growth (%)**
(11)	(12)	(13)
2005-06	**30.066**	-0.9
2006-07	**31.285**	4.1
2007-08	**33.980**	8.6
2008-09	**32.421**	-4.6
2009-10	**34.071**	5.1
2010-11	**37.733**	10.7
2011-12	**42.332**	12.2
2012-13	**46.453**	9.7
2013-14	**44.271**	-4.7
2014-15	**48.257**	9.0

TABLE 2.8: STATEWISE PRODUCTION OF RAW COAL BY TYPES IN LAST FIVE YEARS

(Quantity in Million Tonnes)

State	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)
COKING					
Chhattisgarh	0.163	0.189	0.157	0.125	0.126
Jharkhand	48.945	51.108	51.065	55.088	56.435
Madhya Pradesh	0.403	0.319	0.330	0.249	0.310
West Bengal	0.036	0.044	0.030	1.356	0.580
Total Coking	**49.547**	**51.660**	**51.582**	**56.818**	**57.451**
NON-COKING					
Telangana	51.333	52.211	53.190	50.469	52.536
Arunachal Pradesh	0.299	0.221	0.073	0.000	0.000
Assam	1.101	0.602	0.605	0.664	0.779
Chhattisgarh	113.661	113.769	117.673	126.970	134.638
Jammu & Kashmir	0.024	0.020	0.019	0.019	0.013
Jharkhand	60.004	58.458	60.209	58.003	67.712
Madhya Pradesh	70.701	70.804	75.618	75.341	87.299
Maharashtra	39.336	39.159	39.134	37.223	38.257
Meghalaya	6.974	7.206	5.640	5.732	5.732
Odisha	102.565	105.476	110.132	112.917	123.627
Uttar Pradesh	15.526	16.178	16.090	14.721	14.957
West Bengal	21.623	24.186	26.437	26.888	29.434
Total Non-Coking	**483.147**	**488.290**	**504.820**	**508.947**	**554.984**

TABLE 2.9: STATEWISE PRODUCTION OF LIGNITE IN LAST FIVE YEARS

(Quantity in Million Tonnes)

State	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	13.064	14.779	14.528	11.588	12.304
Rajasthan	1.525	2.963	7.081	7.627	10.763
Tamilnadu	23.144	24.590	24.844	25.056	25.190
TOTAL	**37.733**	**42.332**	**46.453**	**44.271**	**48.257**

Note: The state of Telangana has been formed from Andhra Pradesh w.e.f 02.06.2014 and the only producing company SCCL is in Telangana . So, for the whole year figures have been shown for Telangana State.

TABLE 2.10 : TRENDS OF COMPANY WISE PRODUCTION OF COAL & LIGNITE DURING LAST THREE YEARS

[Quantity in Milllion Tonnes]

Company	2012-13			2013-14			2014-15		
	Coking	Non-coking	**Total**	Coking	Non-coking	**Total**	Coking	Non-coking	**Total**
(1)	(5)	(6)	(7)	(8)	(9)	**(10)**	(8)	(9)	**(10)**
ECL	0.043	33.858	**33.901**	0.048	35.999	**36.047**	0.034	39.972	**40.006**
BCCL	26.970	4.241	**31.211**	30.055	2.557	**32.612**	30.770	3.742	**34.512**
CCL	16.181	31.880	**48.061**	18.441	31.581	**50.022**	19.326	36.326	**55.652**
NCL		70.021	**70.021**		68.639	**68.639**		72.484	**72.484**
WCL	0.330	41.957	**42.287**	0.249	39.480	**39.729**	0.310	40.837	**41.147**
SECL	0.157	118.062	**118.219**	0.125	124.136	**124.261**	0.126	128.149	**128.275**
MCL		107.895	**107.895**		110.439	**110.439**		121.379	**121.379**
NEC		0.605	**0.605**		0.664	**0.664**		0.779	**0.779**
CIL	**43.681**	**408.519**	**452.200**	**48.918**	**413.495**	**462.413**	**50.566**	**443.668**	**494.234**
SCCL		53.190	**53.190**		50.469	**50.469**		52.536	**52.536**
JKML		0.019	**0.019**		0.019	**0.019**		0.013	**0.013**
JSMDCL			**0.000**			**0**		0.415	**0**
DVC		0.203	**0.203**		0.054	**0.054**		0.066	**0.066**
DVC EMTA		1.836	**1.836**		1.519	**1.519**		1.001	**1.001**
IISCO	0.560	0.155	**0.715**	0.541	0.081	**0.622**	0.420	0.206	**0.626**
APMDTCL		0.073	**0.073**			**0.000**			**0.000**
SAIL	0.033	0.069	**0.102**	0.044	0.025	**0.069**	0.024	0.001	**0.025**
WBPDCL		3.266	3.266		2.606	**2.606**		6.221	**6.221**
WBMDTCL		0.348	**0.348**		0.726	**0.726**		1.042	**1.042**
PSEB		6.926	**6.926**		5.879	**5.879**		3.433	**3.433**
KPCL		2.506	**2.506**		2.502	**2.502**		2.478	**2.478**
RRVUNL		0.293	**0.293**		1.197	**1.197**		3.443	**3.443**
MPSMCL					0.005	**0.005**		1.500	**1.500**
Total Public	**44.274**	**477.403**	**521.677**	**49.503**	**478.577**	**528.080**	**51.010**	**516.023**	**567.033**
TISCO	7.214	0.081	**7.295**	6.905	0.067	**6.972**	6.028	0.016	**6.044**
Meghalaya		5.640	**5.640**		5.732	**5.732**		5.732	**5.732**
ICML		3.129	**3.129**		2.708	**2.708**		3.492	**3.492**
JSPL		5.999	**5.999**		5.999	**5.999**		5.989	**5.989**
HIL		2.237	**2.237**		2.478	**2.478**		2.248	**2.248**
MIEL		0.795	**0.795**		0.919	**0.919**		1.000	**1.000**
BLA		0.300	**0.300**		0.300	**0.300**		0.300	**0.300**
PIL		1.000	**1.000**		1.000	**1.000**		1.000	**1.000**
JNL		0.480	**0.480**		0.446	**0.446**		0.703	**0.703**
JPL		5.250	**5.250**		6.226	**6.226**		6.248	**6.248**
SIL		0.248	**0.248**		0.148	**0.148**		0.196	**0.196**
ESCL	0.094	0.005	**0.099**	0.410	0.051	**0.461**	0.413	0.023	**0.436**
UML		0.560	**0.560**		0.762	**0.762**		0.790	**0.790**
SEML		0.976	**0.976**		1.165	**1.165**		1.189	**1.189**
BSIL		0.062	**0.062**		0.081	**0.081**		0.031	**0.031**
TUML/SVSL		0.341	**0.341**		0.317	**0.317**		0.198	**0.198**
SPL		0.225	**0.225**		1.695	**1.695**		9.406	**9.406**
SOVA		0.089	**0.089**		0.276	**0.276**		0.400	**0.400**
Total Private	**7.308**	**27.417**	**34.725**	**7.315**	**30.370**	**37.685**	**6.441**	**38.961**	**45.402**
ALL INDIA	**51.582**	**504.820**	**556.402**	**56.818**	**508.947**	**565.765**	**57.451**	**554.984**	**612.435**
LIGNITE									
NLC			**26.223**			**26.609**			**26.543**
GMDCL			**10.905**			**8.398**			**8.700**
GIPCL			**3.326**			**3.006**			**3.404**
RSMML			**1.387**			**1.428**			**1.405**
GHCL			**0.297**			**0.190**			**0.200**
VSLPPL			**0.815**			**0.890**			**1.005**
BLMCL			**3.500**			**3.750**			**7.000**
ALL INDIA			**46.453**			**44.271**			**48.257**
COAL & LIGNITE			**602.855**			**610.036**			**660.692**

TABLE 2.11: BLOCK WISE PRODUCTION OF RAW COAL DURING 2014-15

[Quantity in Milllion Tonnes]

Captive Block	Company	State	Coking Coal	Non Coking Coal	**Total Coal**
Tasra	SAIL/IISCO	Jharkhand	0.024	0.001	**0.025**
Barjora North	DVCEMTA	West Bengal		1.001	**1.001**
Namchik Namphuk	APMDTCL	Arunachal Pradesh			**0.000**
Parsa E & Kanta Basan	RRUVNL	Chhittsgarh		3.443	**3.443**
Trans Damodar	WBMDTCL	West Bengal		1.042	**1.042**
Tara East & West	WBPDCL	West Bengal		1.805	**1.805**
Barjore	WBPDCL	West Bengal		0.210	**0.210**
Gangaramchak & Bhadulia	WBPDCL	West Bengal		0.206	**0.206**
Panchwara North	WBPDCL	Jharkhand		4.000	**4.000**
Pachwara Central	PSEB	Jharkhand		3.433	**3.433**
Baranj I-IV, Kiloni,Manora Deep	KPCL	Maharashtra		2.478	**2.478**
Amelia North	MPSMCL	Madhya Pradesh		1.500	**1.500**
Total Public			**0.024**	**19.119**	**19.143**
Ardhagram	SOVA	West Bengal		0.400	**0.400**
Belgaon	SIL	Maharashtra		0.196	**0.196**
Chotia	PIL	Chhittsgarh		1.000	**1.000**
Gare Palma IV/1	JSPL	Chhittsgarh		5.989	**5.989**
Gare Palma IV/2&3	JPL	Chhittsgarh		6.248	**6.248**
Gare Palma IV/4	JNL	Chhittsgarh		0.703	**0.703**
Gare Palma IV/5	MIEL	Chhittsgarh		1.000	**1.000**
Gare Palma IV/7	SEML	Chhittsgarh		1.189	**1.189**
Gotitoria E&W	BLA	Madhya Pradesh		0.300	**0.300**
Kathautia	UML	Jharkhand		0.790	**0.790**
Marki Mangli I	BSIL	Maharashtra		0.031	**0.031**
Marki Mangli II-IV	TUML/SVSL	Maharashtra		0.198	**0.198**
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		9.406	**9.406**
Parbatpur Central	ESCL	Jharkhand	0.413	0.023	**0.436**
Sarshatali	ICML	West Bengal		3.492	**3.492**
Talabira I	HIL	Odisha		2.248	**2.248**
Total Private			**0.413**	**33.213**	**33.626**
Grand Total			**0.437**	**52.332**	**52.769**

TABLE 2.12: STATEWISE AND COMPANYWISE PRODUCTION OF RAW COAL BY TYPES IN LAST THREE YEARS

[Quantity in Million Tonnes]

STATES	COAL COMPANY	2012-2013			2013-2014			2014-2015		
		Coking	N-Coking	**Total**	Coking	N-Coking	**Total**	Coking	N-Coking	**Total**
(1)	(2)	(6)	(7)	**(8)**	(9)	(10)	**(11)**	(9)	(10)	**(11)**
Telangana	**SCCL**		53.190	**53.190**		50.469	**50.469**		52.536	**52.536**
Arunachal Pradesh	**APMDTCL**		0.073	**0.073**		0	**0**		0	**0**
Assam	**NEC**		0.605	**0.605**		0.664	**0.664**		0.779	**0.779**
Chhattisgarh	SECL	0.157	102.880	**103.037**	0.125	110.018	**110.143**	0.126	115.066	**115.192**
Chhattisgarh	JSPL		5.999	**5.999**		5.999	**5.999**		5.989	**5.989**
Chhattisgarh	MIEL		0.795	**0.795**		0.919	**0.919**		1.000	**1.000**
Chhattisgarh	PIL		1.000	**1.000**		1.000	**1.000**		1.000	**1.000**
Chhattisgarh	JPL		5.250	**5.250**		6.226	**6.226**		6.248	**6.248**
Chhattisgarh	JNL		0.480	**0.480**		0.446	**0.446**		0.703	**0.703**
Chhattisgarh	SEML		0.976	**0.976**		1.165	**1.165**		1.189	**1.189**
Chhattisgarh	RRVUNL		0.293	**0.293**		1.197	**1.197**		3.443	**3.443**
Chhattisgarh	**TOTAL**	**0.157**	**117.673**	**117.830**	**0.125**	**126.970**	**127.095**	**0.126**	**134.638**	**134.764**
Jammu & Kashmir	**JKML**		0.019	**0.019**		0.019	**0.019**		0.013	**0.013**
Jharkhand	ECL	0.033	16.290	**16.323**	0.038	17.133	**17.171**	0.030	19.372	**19.402**
Jharkhand	BCCL	26.950	4.195	**31.145**	28.709	2.356	**31.065**	30.194	3.270	**33.464**
Jharkhand	CCL	16.181	31.880	**48.061**	18.441	31.581	**50.022**	19.326	36.326	**55.652**
Jharkhand	JSMDCL		0	**0**		0	**0**		0	**0**
Jharkhand	DVC		0.203	**0.203**		0.054	**0.054**		0.066	**0.066**
Jharkhand	IISCOCJ	0.560		**0.560**	0.541		**0.541**	0.420		**0.420**
Jharkhand	TISCO	7.214	0.081	**7.295**	6.905	0.067	**6.972**	6.028	0.016	**6.044**
Jharkhand	PSEB		6.926	**6.926**		5.879	**5.879**		3.433	**3.433**
Jharkhand	UML		0.560	**0.560**		0.762	**0.762**		0.790	**0.790**
Jharkhand	ESCL	0.094	0.005	**0.099**	0.410	0.051	**0.461**	0.413	0.023	**0.436**
Jharkhand	SAIL	0.033	0.069	**0.102**	0.044	0.025	**0.069**	0.024	0.001	**0.025**
Jharkhand	WBPDCL					0.095	**0.095**		4.000	**4.000**
Jharkhand	**TOTAL**	**51.065**	**60.209**	**111.274**	**55.088**	**58.003**	**113.091**	**56.435**	**67.712**	**124.147**
Madhya Pradesh	NCL		53.931	**53.931**		53.918	**53.918**		57.527	**57.527**
Madhya Pradesh	WCL	0.330	5.980	**6.310**	0.249	5.305	**5.554**	0.310	5.483	**5.793**
Madhya Pradesh	SECL		15.182	**15.182**		14.118	**14.118**		13.083	**13.083**
Madhya Pradesh	BLA		0.300	**0.300**		0.300	**0.300**		0.300	**0.300**
Madhya Pradesh	SPL		0.225	**0.225**		1.695	**1.695**		9.406	**9.406**
Madhya Pradesh	MPSMCL					0.005	**0.005**		1.500	**1.500**
Madhya Pradesh	**TOTAL**	**0.330**	**75.618**	**75.948**	**0.249**	**75.341**	**75.590**	**0.310**	**87.299**	**87.609**
Maharashtra	WCL		35.977	**35.977**		34.175	**34.175**		35.354	**35.354**
Maharashtra	SIL		0.248	**0.248**		0.148	**0.148**		0.196	**0.196**
Maharashtra	BSIL		0.062	**0.062**		0.081	**0.081**		0.031	**0.031**
Maharashtra	KPCL		2.506	**2.506**		2.502	**2.502**		2.478	**2.478**
Maharashtra	TUML/SVSL		0.341	**0.341**		0.317	**0.317**		0.198	**0.198**
Maharashtra	**TOTAL**	**0.000**	**39.134**	**39.134**	**0.000**	**37.223**	**37.223**	**0.000**	**38.257**	**38.257**
Meghalaya	**MEG**		5.640	**5.640**		5.732	**5.732**		5.732	**5.732**
Odisha	MCL		107.895	**107.895**		110.439	**110.439**		121.379	**121.379**
Odisha	HIL		2.237	**2.237**		2.478	**2.478**		2.248	**2.248**
Odisha	**TOTAL**		**110.132**	**110.132**		**112.917**	**112.917**		**123.627**	**123.627**
Uttar Pradesh	**NCL**		16.090	**16.090**		14.721	**14.721**		14.957	**14.957**
West Bengal	ECL	0.010	17.568	**17.578**	0.010	18.866	**18.876**	0.004	20.600	**20.604**
West Bengal	BCCL	0.020	0.046	**0.066**	1.346	0.201	**1.547**	0.576	0.472	**1.048**
West Bengal	IISCOR		0.155	**0.155**		0.081	**0.081**		0.206	**0.206**
West Bengal	ICML		3.129	**3.129**		2.708	**2.708**		3.492	**3.492**
West Bengal	WBPDCL	0.000	3.266	**3.266**		2.511	**2.511**		2.221	**2.221**
West Bengal	DVC EMTA		1.836	**1.836**		1.519	**1.519**		1.001	**1.001**
West Bengal	WBMDTCL		0.348	**0.348**		0.726	**0.726**		1.042	**1.042**
West Bengal	SOVA		0.089	**0.089**		0.276	**0.276**		0.400	**0.400**
West Bengal	**TOTAL**	**0.030**	**26.437**	**26.467**	**1.356**	**26.888**	**28.244**	**0.580**	**29.434**	**30.014**
Total Public		**44.274**	**477.403**	**521.677**	**49.503**	**478.577**	**528.080**	**51.010**	**516.023**	**567.033**
Total Private	**TOTAL**	**7.308**	**27.417**	**34.725**	**7.315**	**30.370**	**37.685**	**6.441**	**38.961**	**45.402**
All India		**51.582**	**504.820**	**556.402**	**56.818**	**508.947**	**565.765**	**57.451**	**554.984**	**612.435**

Note: The state of Telangana has been formed from A.P w.e.f 02.06.2014 and the only producing company SCCL is in Telangana .
So, for the whole year figures have been shown for Telangana State.

TABLE 2.13: GRADEWISE PRODUCTION OF COKING COAL BY COMPANIES IN 2014-15

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE										
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	SLV1	Met.Coal	Non Met	**Total Coking**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
ECL			0.004			0.030			0.004	0.030	**0.034**
BCCL	0.050	0.456		0.115	1.169	7.659	21.321		2.278	28.492	**30.770**
CCL					0.508	3.481	15.337		4.312	15.014	**19.326**
NCL										0.000	**0.000**
WCL					0.310				0.310	0.000	**0.310**
SECL			0.126							0.126	**0.126**
MCL										0.000	**0.000**
NEC										0.000	**0.000**
CIL	**0.050**	**0.456**	**0.130**	**0.115**	**1.987**	**11.170**	**36.658**	**0.000**	**6.904**	**43.662**	**50.566**
SCCL											**0.000**
JKML											**0.000**
JSMDCL											**0.000**
DVC											**0.000**
DVC EMTA											**0.000**
IISCO						0.092	0.328		0.420	0.000	**0.420**
SAIL							0.024		0.024	0.000	**0.024**
APMDTCL											**0.000**
RRUVNL											**0.000**
WBMDTCL											**0.000**
WBPDCL											**0.000**
PSEB											**0.000**
KPCL											**0.000**
MPSMCL											**0.000**
PUBLIC	**0.050**	**0.456**	**0.130**	**0.115**	**1.987**	**11.262**	**37.010**	**0.000**	**7.348**	**43.662**	**51.010**
TISCO					0.241	0.909	4.878	0.000	6.028	0.000	**6.028**
Meghalaya											**0.000**
ICML											**0.000**
JSPL											**0.000**
HIL											**0.000**
MIEL											**0.000**
BLA											**0.000**
CML											**0.000**
PIL											**0.000**
JNL											**0.000**
JPL											**0.000**
SIL											**0.000**
ESCL						0.328	0.085		0.413	0.000	**0.413**
UML											**0.000**
SEML											**0.000**
BSIL											**0.000**
TUML											**0.000**
SPL											**0.000**
SOVA											**0.000**
PRIVATE	**0.000**	**0.000**	**0.000**	**0.000**	**0.241**	**1.237**	**4.963**	**0.000**	**6.441**	**0.000**	**6.441**
GRAND TOTAL	**0.050**	**0.456**	**0.130**	**0.115**	**2.228**	**12.499**	**41.973**	**0.000**	**13.789**	**43.662**	**57.451**

TABLE 2.14: GRADEWISE PRODUCTION OF NON COKING COAL BY COMPANIES IN 2014-15

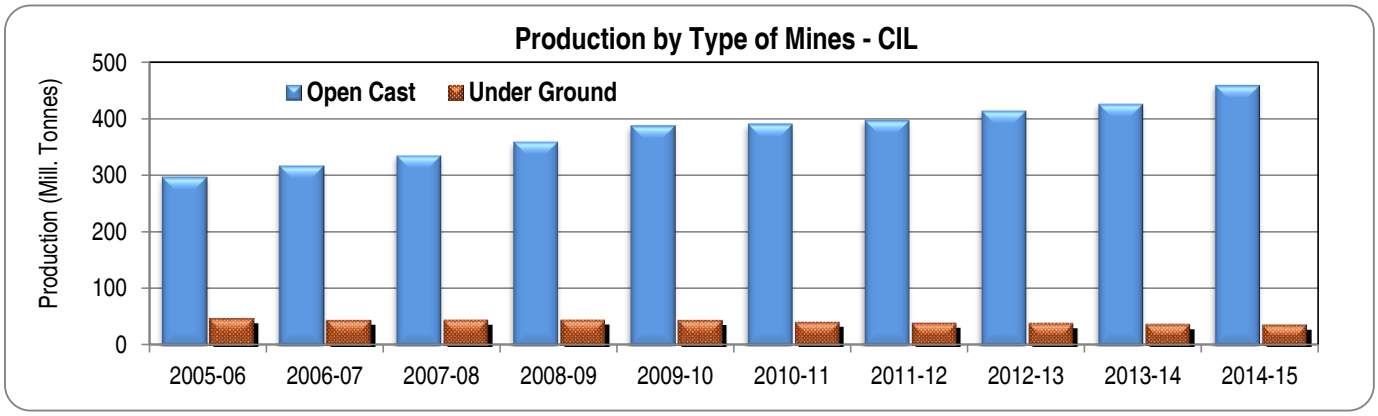
(Quantity in Million Tonnes)

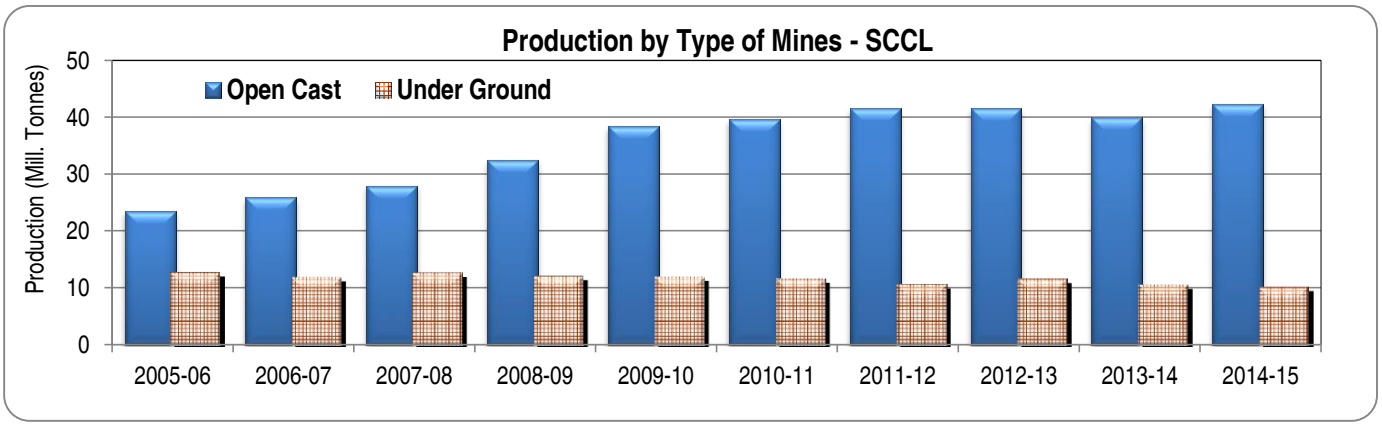
Companies	NON-COKING COAL GRADE																		Total N-coking	Total Coal
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	UNG		
(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
ECL		0.090	1.478	14.138	4.772	1.495	2.086	0.130					15.783						**39.972**	**40.006**
BCCL		0.038	0.219	0.051	0.044	2.068	1.220	0.047	0.055										**3.742**	**34.512**
CCL				0.051	1.753	0.759	0.710	4.725	13.678	8.272	6.378								**36.326**	**55.652**
NCL					0.913	0.202	17.506	9.993		43.109				0.761					**72.484**	**72.484**
WCL				0.009	0.409	1.360	2.941	8.661	25.694	1.763									**40.837**	**41.147**
SECL			3.771	3.718	5.659	8.301	3.896	1.243	0.807	0.846	89.903	10.005							**128.149**	**128.275**
MCL					0.100			0.149	1.027	0.410	8.528	63.002	48.163						**121.379**	**121.379**
NEC	0.216	0.438		0.125															**0.779**	**0.779**
CIL	**0.216**	**0.566**	**5.468**	**18.092**	**13.650**	**14.185**	**28.359**	**24.948**	**41.261**	**54.400**	**104.809**	**73.007**	**63.946**	**0.761**	**0.000**	**0.000**	**0.000**	**0.000**	**443.668**	**494.234**
SCCL					0.740		7.424	1.458	9.864	1.543	15.867	0.347	12.115	0.090	1.804	0.813	0.365	0.106	**52.536**	**52.536**
JKML																	0.013		**0.013**	**0.013**
JSMDCL												0.415							**0.415**	**0.415**
DVC				0.066															**0.066**	**0.066**
DVC EMTA						**0.3**	**0.701**												**1.001**	**1.001**
IISCO				0.042		0.164													**0.206**	**0.626**
SAIL													0.001						**0.001**	**0.025**
APMDTCL																			**0.000**	**0.000**
RRUVNL											**3.443**								**3.443**	**3.443**
WBMDTCL				**0.787**	**0.255**														**1.042**	**1.042**
WBPDCL				0.210		6.011													**6.221**	**6.221**
PSEB						1.202	1.716	0.515											**3.433**	**3.433**
KPCL								2.478											**2.478**	**2.478**
MPSMCL											1.500								**1.500**	**1.500**
PUBLIC	**0.216**	**0.566**	**5.468**	**19.197**	**14.645**	**21.862**	**38.200**	**29.399**	**51.125**	**55.943**	**125.619**	**73.769**	**76.062**	**0.851**	**1.804**	**0.813**	**0.378**	**0.106**	**516.023**	**567.033**
TISCO						0.002		0.007				0.007							**0.016**	**6.044**
Meghalaya	5.732																		**5.732**	**5.732**
ICML											3.492								**3.492**	**3.492**
JSPL												1.374			2.022		2.593		**5.989**	**5.989**
HIL												1.506		0.742					**2.248**	**2.248**
MIL								0.500				0.500							**1.000**	**1.000**
BLA							0.012	0.158		0.130									**0.300**	**0.300**
CML																			**0.000**	**0.000**
PIL									1.000										**1.000**	**1.000**
JNL									0.075	0.361	0.267								**0.703**	**0.703**
JPL												1.331		3.103		1.814			**6.248**	**6.248**
SIL									0.196										**0.196**	**0.196**
ESCL																	0.023		**0.023**	**0.436**
UML						0.790													**0.790**	**0.790**
SEML												0.649		0.358			0.182		**1.189**	**1.189**
BSIL												0.031							**0.031**	**0.031**
TUML											0.198								**0.198**	**0.198**
SPL										7.978	1.428								**9.406**	**9.406**
SOVA								0.261	0.139										**0.400**	**0.400**
PRIVATE	**5.732**	**0.000**	**0.000**	**0.000**	**0.000**	**0.792**	**0.012**	**0.926**	**1.410**	**8.469**	**5.385**	**5.398**	**0.000**	**4.203**	**2.022**	**1.814**	**2.798**	**0.000**	**38.961**	**45.402**
GRAND TOTAL	**5.948**	**0.566**	**5.468**	**19.197**	**14.645**	**22.654**	**38.212**	**30.325**	**52.535**	**64.412**	**131.004**	**79.167**	**76.062**	**5.054**	**3.826**	**2.627**	**3.176**	**0.106**	**554.984**	**612.435**

TABLE 2.15: TRENDS OF PRODUCTION OF RAW COAL FROM OPENCAST AND UNDERGROUND MINES IN LAST TEN YEARS

(Quantity in Million Tonnes)

YEAR	Open Cast					Under Ground					All India Raw Coal	
	Production			OC Share (%) in All India Total	OC Growth (%) (All India)	Production			UG Share (%) in All India Total	UG Growth (%) (All India)	Production	Growth (%)
	CIL	SCCL	All India			CIL	SCCL	All India				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2005-06	297.572	23.427	346.074	85.02	8.06	45.817	12.711	60.965	14.98	-2.22	407.039	6.38
2006-07	317.591	25.831	373.134	86.61	7.82	43.322	11.876	57.698	13.39	-5.36	430.832	5.85
2007-08	335.918	27.959	398.182	87.11	6.71	43.541	12.645	58.900	12.89	2.08	457.082	6.09
2008-09	359.771	32.459	433.785	88.03	8.94	43.959	12.087	58.972	11.97	0.12	492.757	7.80
2009-10	387.997	38.460	473.519	89.00	9.16	43.262	11.969	58.523	11.00	-0.76	532.042	7.97
2010-11	391.303	39.705	477.839	89.70	0.91	40.018	11.628	54.855	10.30	-6.27	532.694	0.12
2011-12	397.445	41.573	487.993	90.38	2.12	38.393	10.638	51.957	9.62	-5.28	539.950	1.36
2012-13	414.423	41.593	504.195	90.62	3.32	37.777	11.597	52.207	9.38	0.48	556.402	3.05
2013-14	426.300	39.921	516.116	91.22	2.36	36.113	10.548	49.649	8.78	-4.90	565.765	1.68
2014-15	459.191	42.333	563.970	92.09	9.27	35.043	10.203	48.465	7.91	-2.38	612.435	8.25





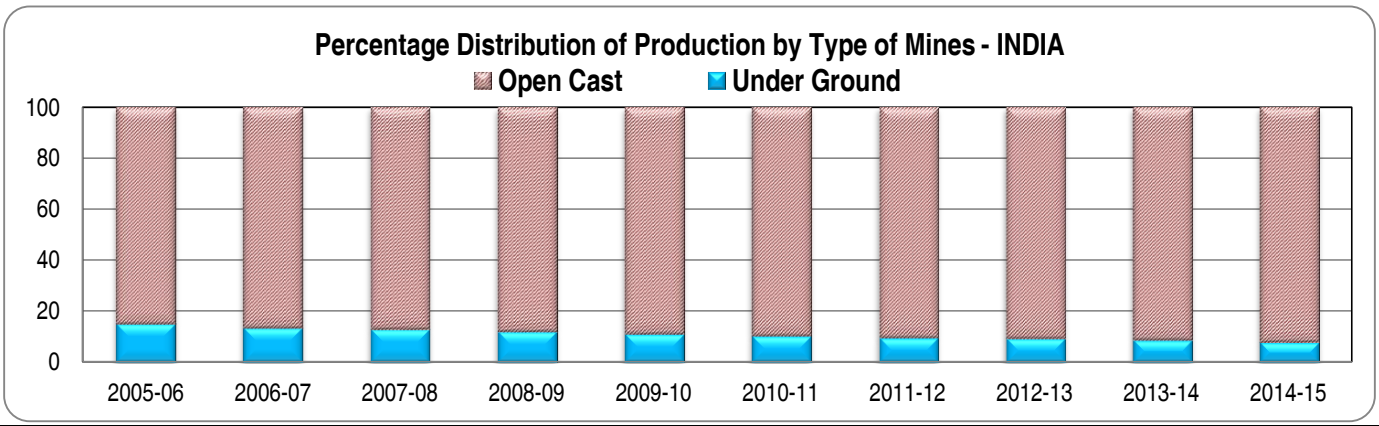


TABLE 2.16 : COMPANY WISE PRODUCTION OF RAW COAL FROM OPENCAST AND UNDER GROUND MINES IN TWO YEARS

(Quantity in Million Tonnes)

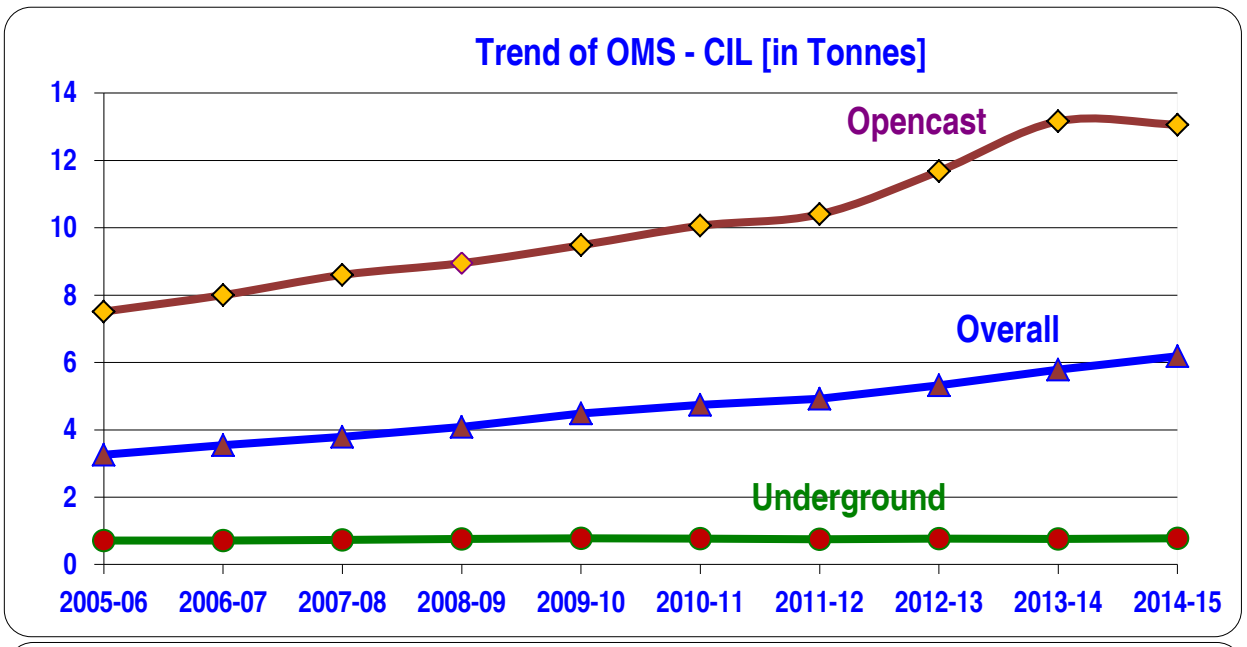
COMPANIES	Y E A R 2013 - 2014						Y E A R 2014 - 2015					
	OPENCAST			UNDER GROUND			OPENCAST			UNDER GROUND		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	29.176	80.94	7.85	6.871	19.06	0.32	32.714	81.77	12.13	7.292	18.23	6.13
BCCL	29.908	91.71	6.59	2.704	8.29	-14.24	32.483	94.12	8.61	2.029	5.88	-24.96
CCL	49.066	98.09	4.31	0.956	1.91	-6.64	54.811	98.49	11.71	0.841	1.51	-12.03
NCL	68.639	100.00	-1.97				72.484	100.00	5.60			
WCL	31.999	80.54	-6.13	7.730	19.46	-5.73	33.581	81.61	4.94	7.566	18.39	-2.12
SECL	107.845	86.79	6.41	16.416	13.21	-2.69	112.239	87.50	4.07	16.036	12.50	-2.31
MCL	109.006	98.70	2.63	1.433	1.30	-14.65	120.103	98.95	10.18	1.276	1.05	-10.96
NEC	0.661	99.55	9.80	0.003	0.45	0.00	0.776	99.61	17.40	0.003	0.39	0.00
CIL	**426.300**	**92.19**	**2.87**	**36.113**	**7.81**	**-4.40**	**459.191**	**92.91**	**7.72**	**35.043**	**7.09**	**-2.96**
SCCL	39.921	79.10	-4.02	10.548	20.90	-9.05	42.333	80.58	6.04	10.203	19.42	-3.27
JKML				0.019	100.00	0.00	0.000			0.013	100.00	-31.58
DVC	0.054	100.00	-73.40				0.066	100.00	22.22			
IISCO	0.433	69.61	-28.31	0.189	30.39	70.27	0.360	57.51	-16.86	0.266	42.49	40.74
SAIL	0.069	100.00	-32.35				0.025	100.00	-63.77			
JSMDCL							0.415	100.00				
DVCEMTA	1.519	100.00	-17.27				1.001	100.00	-34.10			
APMDTCL												
RRVUNL	1.197	100.00	308.53				3.443	100.00	187.64			
WBMDTCL	0.726	100.00	108.62				1.042	100.00	43.53			
WBPDCL	2.606	100.00	-20.21				6.221	100.00	138.72			
PSEB	5.879	100.00	-15.12				3.433	100.00	-41.61			
KPCL	2.502	100.00	-0.16				2.478	100.00	-0.96			
MPSMCL	0.005	100.00	0.00				1.500	100.00	0.00			
PUBLIC	**481.211**	**91.12**	**1.91**	**46.869**	**8.88**	**-5.32**	**521.508**	**91.97**	**8.37**	**45.525**	**8.03**	**-2.87**
TISCO	5.604	80.38	-5.31	1.368	19.62	-0.65	4.716	78.03	-15.85	1.328	21.97	-2.92
Meghalaya	5.732	100.00	1.63				5.732	100.00	0.00			
ICML	2.708	100.00	-13.45				3.492	100.00	28.95			
JSPL	5.999	100.00	0.00				5.989	100.00	-0.17			
HIL	2.478	100.00	10.77				2.248	100.00	-9.28			
MIEL				0.919	100.00	15.60				1.000	100.00	8.81
BLA	0.300	100.00	0.00				0.300	100.00	0.00			
PIL	1.000	100.00	0.00				1.000	100.00	0.00			
JNL	0.166	37.22	-17.00	0.280	62.78	0.00	0.342	48.65	106.02	0.361	51.35	28.93
JPL	6.226	100.00	18.59				6.248	100.00	0.35			
SIL				0.148	100.00	-40.32				0.196	100.00	32.43
UML	0.762	100.00	36.07				0.790	100.00	3.67			
ESCL	0.396	85.90	312.50	0.065	14.10	2066.67	0.381	87.39	-3.79	0.055	12.61	-15.38
SEML	1.165	100.00	19.36				1.189	100.00	2.06			
BSIL	0.081	100.00	30.65				0.031	100.00	-61.73			
TUML-SVSL	0.317	100.00	-7.04				0.198	100.00	-37.54			
SPL	1.695	100.00	653.33				9.406	100.00	454.93			
SOVA	0.276	100.00	210.11				0.400	100.00	44.93			
PRIVATE	**34.905**	**92.62**	**70.57**	**2.780**	**7.38**	**109.65**	**42.462**	**93.52**	**21.65**	**2.940**	**6.48**	**5.76**
India (13-14)	**516.116**	**91.22**	**4.77**	**49.649**	**8.78**	**-2.32**	**563.970**	**92.09**	**9.27**	**48.465**	**7.91**	**-2.38**

Note: For Meghalaya it is assumed that the coal is being mined by open cast method.

TABLE 2.17: TRENDS OF OMS IN OC & UG MINES (CIL & SCCL) DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	OMS (OPEN CAST)		OMS (UNDER GROUND)		OMS (OVERALL)	
	CIL	SCCL	CIL	SCCL	CIL	SCCL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2005-06	7.51	9.60	0.71	0.89	3.26	1.74
2006-07	8.00	9.50	0.71	0.90	3.54	1.91
2007-08	8.60	10.76	0.73	1.02	3.79	2.10
2008-09	8.95	10.60	0.76	1.05	4.09	3.01
2009-10	9.48	10.71	0.78	1.08	4.48	3.36
2010-11	10.06	11.98	0.77	1.10	4.74	3.59
2011-12	10.40	13.26	0.75	1.10	4.92	3.94
2012-13	11.68	11.87	0.77	1.13	5.32	3.14
2013-14	13.16	11.10	0.76	1.12	5.79	3.86
2014-15	13.06	12.14	0.78	1.10	6.19	4.20



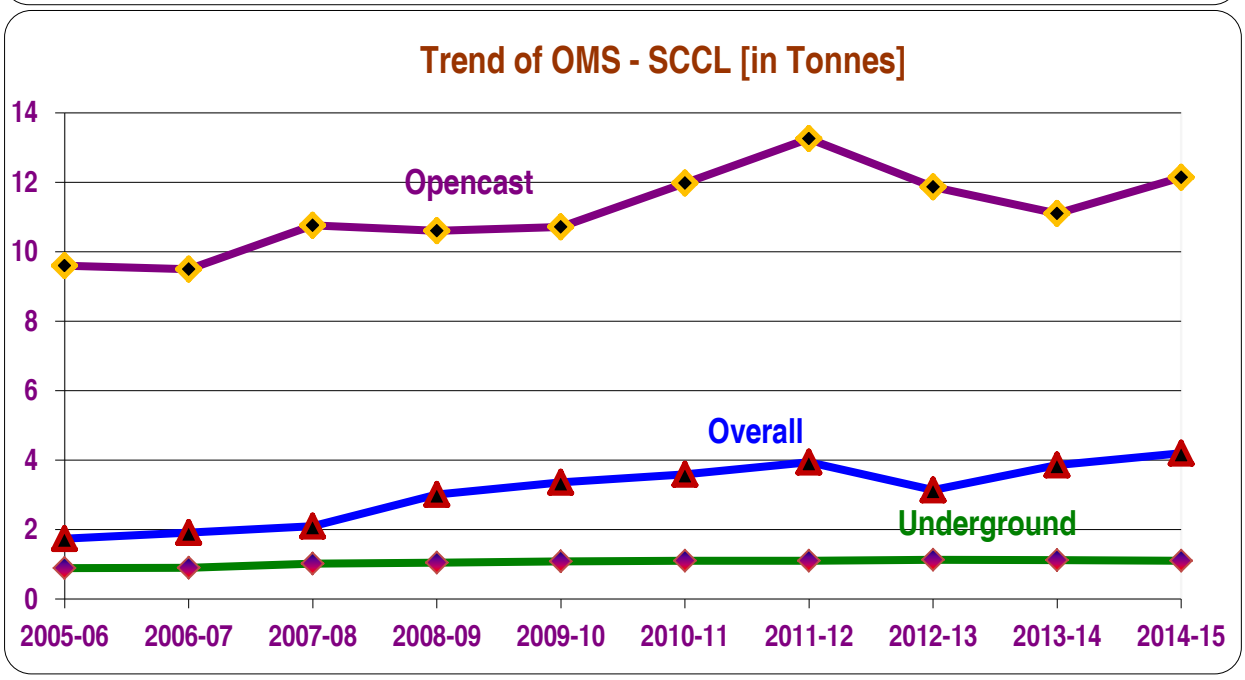


TABLE 2.18 : COMPANY WISE PRODUCTION, MANSHIFTS & OMS (CIL & SCCL) BY TYPE OF MINES DURING LAST THREE YEARS

Companies	Type of Mines	2012-2013			2013-2014			2014-2015		
		Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)
(1)	(2)	(6)	(7)	(8)	(9)	(10)	(11)	(9)	(10)	(11)
ECL	OC	27.052	2.660	10.17	29.176	2.662	11.30	32.714	2.699	12.12
BCCL	OC	28.058	3.376	8.31	29.908	3.190	9.38	32.483	3.533	9.19
CCL	OC	47.037	7.720	6.09	49.066	6.886	6.26	54.811	7.252	7.56
NCL	OC	70.021	4.351	13.65	68.639	4.450	13.78	72.484	5.268	13.76
WCL	OC	34.087	6.778	5.03	31.999	6.228	5.14	33.581	5.860	5.72
SECL	OC	101.350	5.263	19.26	107.845	5.028	19.26	112.239	4.741	23.55
MCL	OC	106.216	4.946	21.34	109.006	3.523	22.16	120.103	5.433	22.11
NEC	OC	0.602	0.341	1.76	0.661	0.315	2.10	0.776	0.368	2.11
CIL	**OC**	**414.423**	**35.435**	**11.68**	**426.300**	**32.282**	**13.16**	**459.191**	**35.154**	**13.06**
SCCL	**OC**	**41.593**	**2.714**	**11.87**	**39.921**	**2.662**	**11.10**	**42.333**	**2.700**	12.14
ECL	UG	6.849	14.780	0.46	6.871	14.304	0.48	7.292	13.658	0.53
BCCL	UG	3.153	9.073	0.35	2.704	8.654	0.31	2.029	7.894	0.26
CCL	UG	1.024	3.150	0.33	0.956	2.931	0.33	0.841	2.940	0.29
NCL	UG							0.000	0.000	0.00
WCL	UG	8.200	7.472	1.10	7.730	7.200	1.07	7.566	6.723	1.13
SECL	UG	16.869	12.322	1.37	16.416	12.155	1.37	16.036	11.562	1.39
MCL	UG	1.679	1.726	0.97	1.433	1.726	0.84	1.276	1.666	0.77
NEC	UG	0.003	0.305	0.01	0.003	0.279	0.01	0.003	0.235	0.01
CIL	**UG**	**37.777**	**48.828**	**0.77**	**36.113**	**47.249**	**0.76**	**35.043**	**44.678**	**0.78**
SCCL	**UG**	**11.597**	**9.831**	**1.13**	**10.548**	**9.831**	**1.12**	**10.203**	**8.371**	**1.10**
ECL	ALL	33.901	17.440	1.94	36.047	16.966	2.13	40.006	16.357	2.45
BCCL	ALL	31.211	12.449	2.50	32.612	11.844	2.74	34.512	11.427	3.02
CCL	ALL	48.061	10.870	4.42	50.022	9.817	4.64	55.652	10.192	5.46
NCL	ALL	70.021	4.351	13.65	68.639	4.450	13.78	72.484	5.268	13.76
WCL	ALL	42.287	14.250	2.97	39.729	13.428	2.96	41.147	12.583	2.96
SECL	ALL	118.219	17.585	6.72	124.261	17.183	6.72	128.275	16.303	7.83
MCL	ALL	107.895	6.672	16.07	110.439	5.249	16.69	121.379	7.099	16.69
NEC	ALL	0.605	0.646	0.94	0.664	0.594	1.12	0.779	0.603	1.29
CIL	**ALL**	**452.200**	**84.263**	**5.32**	**462.413**	**79.531**	**5.79**	**494.234**	**79.832**	**6.19**
SCCL	**ALL**	**53.190**	**12.545**	**3.14**	**50.469**	**12.493**	**3.86**	**52.536**	**11.071**	**4.20**

* Reported by SCCL.

TABLE 2.19 : COMPANYWISE OVER BURDEN REMOVAL AND STRIPPING RATIO IN REVENUE MINES IN LAST THREE YEARS

(OBR in Million Cubic Meter, Coal Production in Million Tonnes)

COMPANIES	2012 - 2013			2013 - 2014			2014 - 2015		
	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio
(1)	(5)	(6)	(7)	(8)	(9)	(10)	(8)	(9)	(10)
ECL	76.448	27.052	2.83	85.757	29.176	2.94	91.015	32.714	2.78
BCCL	84.259	28.058	3.00	85.410	29.908	2.86	103.901	32.483	3.20
CCL	63.308	47.037	1.35	59.022	49.066	1.20	97.378	54.811	1.78
NCL	195.706	70.021	2.79	208.787	68.639	3.04	210.614	72.484	2.91
WCL	113.685	34.087	3.34	120.076	31.999	3.75	122.914	33.581	3.66
SECL	118.202	101.350	1.17	144.875	107.845	1.34	158.268	112.239	1.41
MCL	90.421	106.216	0.85	96.028	109.006	0.88	89.221	120.103	0.74
NEC	4.730	0.602	7.86	6.584	0.661	9.96	10.189	0.776	13.13
CIL	**746.759**	**414.423**	**1.80**	**806.539**	**426.300**	**1.89**	**883.500**	**459.191**	**1.92**
SCCL	175.841	41.593	4.23	168.776	39.921	4.23	262.820	42.333	6.21
JKML									
DVC	0.058	0.203	0.29	0.015	0.054	0.28	0.131	0.066	1.98
IISCO	2.988	0.604	4.95	1.540	0.433	3.56	1.191	0.360	3.31
SAIL	0.204	0.102	2.00	0.079	0.069	1.14	0.029	0.025	1.16
JSMDCL							1.161	0.415	2.80
DVC EMTA	6.564	1.836	3.58	6.316	1.519	4.16	6.342	1.001	6.34
APMDTCL	2.181	0.073	29.88						
RRVUNL	3.908	0.293	13.34	4.924	1.197	4.11	3.836	3.443	1.11
WBMDTCL	2.921	0.348	8.39	2.879	0.726	3.97	2.879	1.042	2.76
WBPDCL	14.325	3.266	4.39	13.323	2.606	5.11	14.312	6.221	2.30
PSEB	13.420	6.926	1.94	21.877	5.879	3.72	5.798	3.433	1.69
KPCL	8.575	2.506	3.42	8.716	2.502	3.48	6.631	2.478	2.68
MPSMCL				1.746	0.005	349.20	9.050	1.500	6.03
PUBLIC	**977.744**	**472.173**	**2.07**	**1036.730**	**481.211**	**2.15**	**1197.680**	**521.508**	**2.30**
TISCO	25.795	5.918	4.36	22.242	5.604	3.97	19.845	4.716	4.21
Meghalaya		5.640	0.00		5.732	0.00	0.000	5.732	0.00
ICML	9.117	3.129	2.91	8.172	2.708	3.02	8.854	3.492	2.54
JSPL	7.996	5.999	1.33	8.778	5.999	1.46	9.241	5.989	1.54
HIL	1.712	2.237	0.77	2.168	2.478	0.87	2.393	2.248	1.06
MIEL									
BLA	1.621	0.300	5.40	1.440	0.300	4.80	0.882	0.300	2.94
CML									
PIL	8.075	1.000	8.08	7.994	1.000	7.99	5.200	1.000	5.20
JNL	0.520	0.200	2.60	0.861	0.166	5.19	2.062	0.342	6.03
JPL	11.943	5.250	2.27	12.347	6.226	1.98	9.275	6.248	1.48
SIL					0.000				
UML	5.061	0.560	9.04	8.256	0.762	10.83	5.127	0.790	6.49
ESCL	2.587	0.096	26.95	4.092	0.396	10.33	4.092	0.381	10.74
SEML	2.295	0.976	2.35	2.138	1.165	1.84	3.004	1.189	2.53
BSIL	0.488	0.062	7.87	0.488	0.081	6.02	0.145	0.031	4.68
TUML-SVSL	1.367	0.341	4.01	0.916	0.317	2.89	0.613	0.198	3.10
SPL	2.119	0.225	9.42	19.927	1.695	11.76	30.505	9.406	3.24
SOVA	0.434	0.089	4.88	1.148	0.276	4.16	0.946	0.400	2.37
PRIVATE	**81.130**	**32.022**	**3.08**	**100.967**	**34.905**	**3.46**	**102.184**	**42.462**	**2.78**
INDIA	**1058.874**	**504.195**	**2.12**	**1137.697**	**516.116**	**2.23**	**1299.864**	**563.970**	**2.33**

Note: (1) Stripping ratio is defined as the ratio of OBR to Coal produced in Open Cast mining.

(2) Meghalaya OBR figures are not known and not reported.

(3) While calculating stripping ratio, if OBR not reported, corresponding production was excluded to find public/private sector OBR

TABLE 3.1: TREND OF DESPATCHES OF COAL AND LIGNITE DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Raw Coal		Lignite		**Total solid fossil fuel**	
	Despatches	Growth (%)	Despatches	Growth (%)	**Despatches**	**Growth (%)**
(1)	(2)	(3)	(4)	(5)	**(6)**	**(7)**
2005-06	395.587	4.47	30.339	0.84	**425.926**	**4.20**
2006-07	419.800	6.12	30.797	1.51	**450.597**	**5.79**
2007-08	453.567	8.04	34.657	12.53	**488.224**	**8.35**
2008-09	489.172	7.85	31.793	-8.26	**520.965**	**6.71**
2009-10	513.792	5.03	34.430	8.29	**548.222**	**5.23**
2010-11	523.465	1.88	37.685	9.45	**561.150**	**2.36**
2011-12	535.299	2.26	41.883	11.14	**577.182**	**2.86**
2012-13	567.136	5.95	46.313	10.58	**613.449**	**6.28**
2013-14	572.060	0.87	43.897	-5.22	**615.957**	**0.41**
2014-15	607.630	6.22	46.941	6.93	**654.571**	**6.27**

TABLE 3.2 : TRENDS OF DESPATCHES OF COAL BY TYPE DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Metallurgical Coal		Total Coking Coal		Non Coking Coal		**Raw Coal**	
	Despatches	Growth	Despatches	Growth	Despatches	Growth	**Despatches**	**Growth**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	**(8)**	**(9)**
2005-06	16.495	-6.06	30.537	-0.69	365.050	4.93	**395.587**	**4.47**
2006-07	16.334	-0.98	31.927	4.55	387.873	6.25	**419.800**	**6.12**
2007-08	16.438	0.64	33.543	5.06	420.024	8.29	**453.567**	**8.04**
2008-09	15.061	-8.38	35.724	6.50	453.448	7.96	**489.172**	**7.85**
2009-10	15.173	0.74	42.469	18.88	471.323	3.94	**513.792**	**5.03**
2010-11	16.075	5.94	48.950	15.26	474.515	0.68	**523.465**	**1.88**
2011-12	15.903	-1.07	51.723	5.66	483.576	1.91	**535.299**	**2.26**
2012-13	14.799	-6.94	55.859	8.00	511.277	5.73	**567.136**	**5.95**
2013-14	15.236	2.95	58.464	4.66	513.596	0.45	**572.060**	**0.87**
2014-15	13.381	-12.18	56.614	-3.16	551.016	7.29	**607.630**	**6.22**

TABLE 3.3: TREND OF DESPATCHES OF DIFFERENT TYPES OF COAL PRODUCTS IN LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Washed Coal (Coking)		Washed Coal (Non-Coking)		Middlings (Coking)		Middlings (Non-Coking)		Hard coke	
	Despatches	Growth	Despatches	Growth	Despatches	Growth	Despatches	Growth	Despatches	Growth
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2005-06	8.347	-3.38	12.322	15.43	5.349	1.71	1.882	4.38	13.030	6.36
2006-07	7.104	-14.89	12.633	2.52	5.758	7.65	2.244	19.23	12.739	-2.23
2007-08	7.206	1.44	12.821	1.49	6.536	13.51	2.466	9.89	12.774	0.27
2008-09	7.226	0.28	13.445	4.87	5.361	-17.98	4.018	62.94	12.465	-2.42
2009-10	6.518	-9.80	13.981	3.99	4.711	-12.12	3.726	-7.27	12.361	-0.83
2010-11	6.854	5.15	14.537	3.98	4.504	-4.39	3.790	1.72	12.546	1.50
2011-12	6.532	-4.70	15.751	8.35	3.802	-15.59	3.545	-6.46	12.340	-1.64
2012-13	6.614	1.26	14.237	-9.61	5.403	42.11	5.184	46.23	12.429	0.72
2013-14	6.645	0.47	15.454	8.55	4.894	-9.42	3.854	-25.66	12.707	2.24
2014-15	6.007	-9.60	16.999	10.00	4.928	0.69	4.493	16.58	13.919	9.54

Note: 1. All the above figures of Washed Coal & Middling relate to coal companies (private& public).
Private Washeries are not included here.

2. Data of Hard Coke relate to steel plants only. Private sector are not covered as not readily available.

TABLE 3.4: MONTHLY DESPATCHES OF DIFFERENT TYPES OF RAW COAL AND LIGNITE IN 2014-15

(Quantity in Million Tonnes)

Month	Coking Coal			Non Coking Coal			Raw Coal			Lignite		
	Desp.	Growth*	Share**	Desp.	Growth*	Share**	Desp.	Growth*	Share**	Desp.	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-14	5.116	9.2	9.04	44.924	2.2	8.15	50.040	2.9	8.24	4.600	7.0	9.80
May-14	5.253	7.8	9.28	44.955	7.7	8.16	50.208	7.7	8.26	4.698	5.4	10.01
Jun-14	4.752	0.1	8.39	42.904	5.4	7.79	47.656	4.9	7.84	3.979	10.0	8.48
1st Quarter	**15.121**	**5.7**	**26.71**	**132.783**	**5.0**	**24.10**	**147.904**	**5.1**	**24.34**	**13.277**	**7.3**	**28.28**
Jul-14	4.409	-14.7	7.79	43.246	7.3	7.85	47.655	4.8	7.84	3.650	13.8	7.78
Aug-14	4.556	-3.4	8.05	41.967	12.8	7.62	46.523	11.0	7.66	3.512	20.2	7.48
Sep-14	4.311	-6.0	7.61	40.104	3.2	7.28	44.415	2.2	7.31	3.198	1.8	6.81
2nd Quarter	**13.276**	**-8.3**	**23.45**	**125.317**	**7.7**	**22.74**	**138.593**	**5.9**	**22.81**	**10.360**	**11.8**	**22.07**
Oct-14	4.355	4.4	7.69	44.351	14.9	8.05	48.706	13.9	8.02	3.114	3.8	6.63
Nov-14	4.506	-3.9	7.96	47.168	10.8	8.56	51.674	9.4	8.50	3.370	17.3	7.18
Dec-14	4.569	-10.3	8.07	50.516	7.5	9.17	55.085	5.7	9.07	3.910	4.7	8.33
3rd Quarter	**13.430**	**-3.7**	**23.72**	**142.035**	**10.8**	**25.78**	**155.465**	**9.4**	**25.59**	**10.394**	**8.2**	**22.14**
Jan-15	4.552	-15.7	8.04	50.183	3.2	9.11	54.735	1.3	9.01	4.237	-4.5	9.03
Feb-15	4.805	-1.8	8.49	47.856	8.0	8.69	52.661	7.0	8.67	4.218	9.6	8.99
Mar-15	5.430	-0.2	9.59	52.842	6.2	9.59	58.272	5.6	9.59	4.455	2.2	9.49
4th Quarter	**14.787**	**-6.0**	**26.12**	**150.881**	**5.7**	**27.38**	**165.668**	**4.6**	**27.26**	**12.910**	**2.1**	**27.50**
Yr. 2014-15	**56.614**	**-3.2**	**100.00**	**551.016**	**7.3**	**100.00**	**607.630**	**6.2**	**100.00**	**46.941**	**6.9**	**100.00**

Note: (1) *Growth (%) is calculated over similar period of last year.

(2) **Share (%) is caculated as ratio to yearly production.

Contd….

TABLE 3.5: MONTHLY DESPATCHES OF DIFFERENT TYPES OF COAL PRODUCTS IN 2014-15

(Quantity in Million Tonnes)

Month	Washed Coal (Ckg)			Washed Coal (Nckg)			Middlings (Ckg)			Middlings (Nckg)			Hard Coke		
	Desp.	Growth*	Share**	Desp.	Growth*	Share**	Desp.	Growth*	Share**	Desp.	Growth*	Share**	Desp.	Growth*	Share**
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
Apr-14	0.520	-10.7	8.66	1.230	-4.9	7.24	0.297	-35.2	6.03	0.398	26.3	8.86	1.123	13.4	8.07
May-14	0.470	-17.0	7.82	1.451	-5.7	8.54	0.338	-19.9	6.86	0.467	29.7	10.39	1.166	11.3	8.38
Jun-14	0.481	-12.1	8.01	1.288	-14.0	7.58	0.427	-1.4	8.66	0.424	33.8	9.44	1.065	3.0	7.65
1st Quarter	**1.471**	**-13.2**	**24.49**	**3.969**	**-8.3**	**23.35**	**1.062**	**-19.1**	**21.55**	**1.289**	**29.9**	**28.69**	**3.354**	**9.2**	**24.10**
Jul-14	0.489	-13.5	8.14	1.495	-0.6	8.79	0.371	-18.6	7.53	0.399	65.6	8.88	1.178	8.0	8.46
Aug-14	0.461	-12.0	7.67	1.351	7.3	7.95	0.423	15.9	8.58	0.297	17.9	6.61	1.166	3.9	8.38
Sep-14	0.514	-12.6	8.56	1.308	22.8	7.69	0.388	1.0	7.87	0.458	79.6	10.19	1.208	10.7	8.68
2nd Quarter	**1.464**	**-12.7**	**24.37**	**4.154**	**8.5**	**24.44**	**1.182**	**-1.9**	**23.99**	**1.154**	**54.3**	**25.68**	**3.552**	**7.5**	**25.52**
Oct-14	0.517	-6.3	8.61	1.466	23.3	8.62	0.415	13.4	8.42	0.630	65.4	14.02	1.106	5.6	7.95
Nov-14	0.490	-5.6	8.16	1.437	18.7	8.45	0.415	7.8	8.42	0.459	-1.1	10.22	1.113	5.4	8.00
Dec-14	0.521	-8.9	8.67	1.486	9.3	8.74	0.423	3.4	8.58	0.251	-14.0	5.59	1.202	11.5	8.64
3rd Quarter	**1.528**	**-7.0**	**25.44**	**4.389**	**16.7**	**25.82**	**1.253**	**8.0**	**25.43**	**1.340**	**17.9**	**29.82**	**3.421**	**7.5**	**24.58**
Jan-15	0.523	-6.8	8.71	1.536	14.7	9.04	0.457	3.6	9.27	0.213	-26.8	4.74	1.236	13.5	8.88
Feb-15	0.484	-6.9	8.06	1.370	19.0	8.06	0.374	2.2	7.59	0.202	-28.4	4.50	1.112	15.1	7.99
Mar-15	0.537	-2.2	8.94	1.581	51.0	9.30	0.600	46.7	12.18	0.295	-27.0	6.57	1.244	13.6	8.94
4th Quarter	**1.544**	**-5.3**	**25.70**	**4.487**	**26.9**	**26.40**	**1.431**	**17.7**	**29.04**	**0.710**	**-27.3**	**15.80**	**3.592**	**14.0**	**25.81**
Yr. 2014-15	**6.007**	**-9.6**	**100.00**	**16.999**	**10.0**	**100.00**	**4.928**	**0.7**	**100.00**	**4.493**	**16.6**	**100.00**	**13.919**	**9.5**	**100.00**

Note: (1) *Growth is calculated over last quarter /year, as the case may be, and expressed in percentage.

(2) **Share is calculated as ratio to yearly despatches and expressed in percentage.

(3) All the above figures of Washed Coal & Middling relate to coal companies[won washery].
Private Washeries not owned by the coal companies are not included here.

(4) Data of Hard Coke relate to steel plants only. There are Private sector, specially in small scale sector, data of which are not readily available.

TABLE 3.6 : SHARE OF RAW COAL DESPATCHES BY STATES DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Telangana			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005-06	35.321	8.93	1.77	1.170	0.30	105.99	74.997	18.96	6.90
2006-07	37.487	8.93	6.13	1.182	0.28	1.03	80.526	19.18	7.37
2007-08	41.793	9.21	11.49	1.200	0.26	1.52	90.792	20.02	12.75
2008-09	44.410	9.08	6.26	0.835	0.17	-30.42	103.022	21.06	13.47
2009-10	49.266	9.59	10.93	1.071	0.21	28.26	106.921	20.81	3.78
2010-11	50.046	9.56	1.58	1.102	0.21	2.89	109.562	20.93	2.47
2011-12	51.389	9.60	2.68	0.800	0.15	-27.40	114.610	21.41	4.61
2012-13	52.025	9.17	1.24	0.618	0.11	-22.75	121.058	21.35	5.63
2013-14	47.892	8.37	-7.94	0.577	0.10	-6.63	124.674	21.79	2.99
2014-15	52.662	8.67	9.96	0.733	0.12	27.04	129.392	21.29	3.78

Year	Jammu & Kashmir			Jharkhand			Madhya Pradesh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2005-06	0.020	0.01	-25.93	79.669	20.14	4.00	54.949	13.89	6.31
2006-07	0.014	0.00	-30.00	84.292	20.08	5.80	59.996	14.29	9.18
2007-08	0.016	0.00	14.29	88.898	19.60	5.46	68.344	15.07	13.91
2008-09	0.012	0.00	-25.00	95.414	19.51	7.33	72.042	14.73	5.41
2009-10	0.017	0.00	41.67	99.863	19.44	4.66	73.481	14.30	2.00
2010-11	0.025	0.00	47.06	106.637	20.37	6.78	69.443	13.27	-5.50
2011-12	0.023	0.00	-8.00	109.792	20.51	2.96	69.560	12.99	0.17
2012-13	0.014	1.00	-39.13	119.276	21.03	8.64	60.411	10.65	-13.15
2013-14	0.013	2.00	-7.14	116.798	20.42	-2.08	63.096	11.03	4.44
2014-15	0.013	2.00	0.00	122.687	20.19	5.04	74.242	12.22	17.67

Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2005-06	34.792	8.80	3.79	5.566	1.41	3.97	69.136	17.48	3.53
2006-07	35.508	8.46	2.06	5.787	1.38	3.82	77.585	18.48	12.22
2007-08	37.389	8.24	5.30	6.541	1.44	11.53	85.147	18.77	9.75
2008-09	39.238	8.02	4.95	5.489	1.12	-19.17	93.316	19.08	9.59
2009-10	40.743	7.93	3.84	5.767	1.12	4.82	100.591	19.58	7.80
2010-11	38.240	7.31	-6.14	6.974	1.33	17.31	104.359	19.94	3.75
2011-12	38.108	7.12	-0.35	7.206	1.35	3.22	104.819	19.58	0.44
2012-13	38.316	6.76	0.55	5.640	0.99	-27.77	114.213	20.14	8.96
2013-14	37.205	6.50	-2.90	5.732	1.00	1.61	116.795	20.42	2.26
2014-15	38.553	6.34	3.62	5.732	0.94	0.00	125.382	20.63	7.35

Note: The state of Telangana has been formed from Andhra Pradesh w.e.f 02.06.2014 and the only producing company SCCL is in Telangana . So, for the whole year figures have been shown for Telangana State.

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TABLE 3.6 : SHARE OF RAW COAL DESPATCHES BY STATES DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Uttar Pradesh			West Bengal			State : Arunachal Pradesh		
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2005-06	15.853	4.01	-6.85	24.114	6.10	8.41			
2006-07	12.393	2.95	-21.83	25.030	5.96	3.80			
2007-08	11.216	2.47	-9.50	22.155	4.88	-11.49	0.076	0.02	0.00
2008-09	12.448	2.54	10.98	22.817	4.66	2.99	0.129	0.03	69.74
2009-10	13.587	2.64	9.15	22.259	4.33	-2.45	0.226	0.04	75.19
2010-11	15.393	2.94	13.29	21.439	4.10	-3.68	0.245	0.05	8.41
2011-12	15.467	2.89	0.48	23.203	4.33	8.23	0.322	0.06	31.43
2012-13	28.824	5.08	86.36	26.686	4.71	15.01	0.055	0.01	-82.92
2013-14	30.807	5.39	6.88	28.471	4.98	6.69	0	0.00	-100.00
2014-15	29.021	4.78	-5.80	29.213	4.81	2.61	0	0.00	0.00

Year	All India	
	Quantity	**Growth(%)**
(41)	(42)	(43)
2005-06	**395.587**	**4.47**
2006-07	**419.800**	**6.12**
2007-08	**453.567**	**8.04**
2008-09	**489.172**	**7.85**
2009-10	**513.792**	**5.03**
2010-11	**523.465**	**1.88**
2011-12	**535.299**	**2.26**
2012-13	**567.136**	**5.95**
2013-14	**572.060**	**0.87**
2014-15	**607.630**	**6.22**

TABLE 3.7 : SHARE OF LIGNITE DESPATCHES BY STATES DURING LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Tamilnadu			Gujarat		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2005-06	20.551	67.74	-3.23	9.111	30.03	9.74
2006-07	20.511	66.60	-0.19	9.819	31.88	7.77
2007-08	22.259	64.23	8.52	11.792	34.02	20.09
2008-09	20.748	65.26	-6.79	10.046	31.60	-14.81
2009-10	22.812	66.26	9.95	10.411	30.24	3.63
2010-11	23.081	61.25	1.18	13.079	34.71	25.63
2011-12	24.472	58.43	6.03	14.448	34.50	10.47
2012-13	24.312	52.49	-0.65	14.670	31.68	1.54
2013-14	24.438	55.67	0.52	11.831	26.95	-19.35
2014-15	24.088	51.32	-1.43	12.349	26.31	4.38

Year	Rajasthan			**ALL INDIA**	
	Quantity	Share (%)	Growth (%)	**Quantity**	**Growth (%)**
(8)	(9)	(10)	(11)	(12)	(13)
2005-06	0.677	2.23	23.54	**30.339**	**0.84**
2006-07	0.467	1.52	-31.02	**30.797**	**1.51**
2007-08	0.606	1.75	29.76	**34.657**	**12.53**
2008-09	0.999	3.14	64.85	**31.793**	**-8.26**
2009-10	1.207	3.51	20.82	**34.430**	**8.29**
2010-11	1.525	4.05	26.35	**37.685**	**9.45**
2011-12	2.963	7.07	94.30	**41.883**	**11.14**
2012-13	7.331	15.83	147.42	**46.313**	**10.58**
2013-14	7.628	17.38	4.05	**43.897**	**-5.22**
2014-15	10.504	22.38	37.70	**46.941**	**6.93**

TABLE 3.8 : TRENDS OF COMPANY WISE DESPATCHES OF COAL & LIGNITE DURING LAST THREE YEARS

(Quantity in Million Tonnes)

Company	2012-13			2013-14			2014-15		
	Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.043	35.501	35.544	0.045	35.929	35.974	0.036	38.184	38.220
BCCL	28.970	4.027	32.997	31.496	2.562	34.058	30.152	3.514	33.666
CCL	18.479	34.407	52.886	18.679	33.442	52.121	19.359	35.978	55.337
NCL	0.000	67.021	67.021	0.000	71.892	71.892	0.000	73.518	73.518
WCL	0.317	41.222	41.539	0.268	39.671	39.939	0.232	41.008	41.240
SECL	0.155	121.818	121.973	0.123	121.890	122.013	0.125	123.084	123.209
MCL		111.959	111.959		114.342	114.342	0.000	122.996	122.996
NEC		0.618	0.618		0.577	0.577	0.000	0.733	0.733
CIL	**47.964**	**416.573**	**464.537**	**50.611**	**420.305**	**470.916**	**49.904**	**439.015**	**488.919**
SCCL		52.025	52.025		47.892	47.892	0.000	52.662	52.662
JKML		0.014	0.014		0.013	0.013	0.000	0.013	0.013
JSMDCL		0.000	0.000		0.000	0.000	0.000	0.408	0.408
DVC		0.226	0.226		0.045	0.045	0.000	0.055	0.055
DVC EMTA		1.844	1.844		1.523	1.523	0.000	1.006	1.006
IISCO	0.560	0.156	0.716	0.541	0.081	0.622	0.420	0.199	0.619
SAIL	0.033	0.064	0.097	0.044	0.031	0.075	0.024	0.001	0.025
APMDTCL		0.055	0.055		0.000	0.000	0.000	0.000	0.000
RRVUNL		0.293	0.293		1.197	1.197	0.000	3.443	3.443
WBPDCL	0.000	3.256	3.256		2.610	2.610	0.000	6.248	6.248
PSEB		6.872	6.872		5.852	5.852	0.000	3.454	3.454
KPCL		2.515	2.515		2.472	2.472	0.000	2.413	2.413
WBMDTCL		0.265	0.265		0.734	0.734	0.000	1.119	1.119
MPSMCL					0.000	0.000	0.000	1.504	1.504
Total Public	**48.557**	**484.158**	**532.715**	**51.196**	**482.755**	**533.951**	**50.348**	**511.540**	**561.888**
TISCO	7.233	0.081	7.314	6.902	0.067	6.969	6.037	0.024	6.061
MEGHALAYA		5.640	5.640		5.732	5.732	0.000	5.732	5.732
ICML		3.221	3.221		3.278	3.278	0.000	3.771	3.771
JSPL		5.999	5.999		5.999	5.999	0.000	5.989	5.989
MIEL		0.798	0.798		0.905	0.905	0.000	1.022	1.022
BLA		0.300	0.300		0.300	0.300	0.000	0.300	0.300
HIL		2.254	2.254		2.453	2.453	0.000	2.386	2.386
PIL		1.000	1.000		1.000	1.000	0.000	1.000	1.000
JNL		0.479	0.479		0.394	0.394	0.000	0.777	0.777
JPL		5.088	5.088		6.223	6.223	0.000	5.726	5.726
SIL		0.244	0.244		0.159	0.159	0.000	0.196	0.196
ESCL	0.069	0.005	0.074	0.366	0.004	0.370	0.229	0.488	0.717
UML		0.564	0.564		0.759	0.759	0.000	0.794	0.794
SEML		0.893	0.893		1.117	1.117	0.000	1.266	1.266
BSIL		0.019	0.019		0.027	0.027	0.000	0.136	0.136
TUML/SVSL		0.367	0.367		0.300	0.300	0.000	0.208	0.208
SPL		0.081	0.081		1.845	1.845	0.000	9.261	9.261
SOVA		0.086	0.086		0.279	0.279	0.000	0.400	0.400
Total Private	**7.302**	**27.119**	**34.421**	**7.268**	**30.841**	**38.109**	**6.266**	**39.476**	**45.742**
ALL INDIA	**55.859**	**511.277**	**567.136**	**58.464**	**513.596**	**572.060**	**56.614**	**551.016**	**607.630**
LIGNITE :									
NLC			25.691			25.991			25.441
GMDCL			10.905			8.398			8.700
GIPCL			3.482			3.249			3.456
RSMML			1.387			1.428			1.405
GHCL			0.283			0.190			0.193
VSLPPL			0.815			0.839			0.823
BLMCL			3.750			3.802			6.923
ALL INDIA			**46.313**			**43.897**			**46.941**
COAL & LIGNITE			**613.449**			**615.957**			**654.571**

TABLE 3.9 : CAPTIVE BLOCK WISE DESPATCH OF RAW COAL DURING 2014-15

(Quantity in Million Tonnes)

Block	Company	State	Coking Coal	Non Coking Coal	**Total Coal**
Tasra	SAIL/IISCO	Jharkhand	0.024	0.001	**0.025**
Barjora North	DVCEMTA	West Bengal		1.006	**1.006**
Namchik Namphuk	APMDTCL	Arunachal Pradesh		0.000	**0.000**
Parsa E & Kanta Basan	RRUVNL	Chhittsgarh		3.443	**3.443**
Trans Damodar	WBMDTCL	West Bengal		1.119	**1.119**
Tara East & West	WBPDCL	West Bengal		1.818	**1.818**
Barjore	WBPDCL	West Bengal		0.214	**0.214**
Gangaramchak & Bhadulia	WBPDCL	West Bengal		0.209	**0.209**
Panchwara North	WBPDCL	Jharkhand		4.007	**4.007**
Pachwara Central	PSEB	Jharkhand		3.454	**3.454**
Baranj I-IV, Kiloni,Manora Deep	KPCL	Maharashtra		2.413	**2.413**
Amelia North	MPSMCL	Madhya Pradesh		1.504	**1.504**
Total Public			**0.024**	**19.188**	**19.212**
Ardhagram	SOVA	West Bengal		0.400	**0.400**
Belgaon	SIL	Maharashtra		0.196	**0.196**
Chotia	PIL	Chhittsgarh		1.000	**1.000**
Gare Palma IV/1	JSPL	Chhittsgarh		5.989	**5.989**
Gare Palma IV/2&3	JPL	Chhittsgarh		5.726	**5.726**
Gare Palma IV/4	JNL	Chhittsgarh		0.777	**0.777**
Gare Palma IV/5	MIEL	Chhittsgarh		1.022	**1.022**
Gare Palma IV/7	SEML	Chhittsgarh		1.266	**1.266**
Gotitoria E&W	BLA	Madhya Pradesh		0.300	**0.300**
Kathautia	UML	Jharkhand		0.794	**0.794**
Marki Mangli I	BSIL	Maharashtra		0.136	**0.136**
Marki Mangli II-III	TUML	Maharashtra		0.208	**0.208**
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		9.261	**9.261**
Parbatpur Central	ESCL	Jharkhand	0.229	0.488	**0.717**
Sarshatali	ICML	West Bengal		3.771	**3.771**
Talabira I	HIL	Odisha		2.386	**2.386**
Total Private			**0.229**	**33.720**	**33.949**
Grand Total			**0.253**	**52.908**	**53.161**

TABLE 3.10: STATEWISE AND COMPANYWISE DESPATCHES OF RAW COAL BY TYPE IN LAST THREE YEARS

(Quantity in Million Tonnes)

States	Company	2012-13			2013-14			2014-15		
		Coking	**N-Coking**	**Total**	Coking	N-Coking	**Total**	Coking	N-Coking	**Total**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Telangana	**SCCL**		**52.025**	**52.025**		47.892	**47.892**		52.662	**52.662**
Arunachal Pradesh	**APMDTCL**		**0.055**	**0.055**		0.000	**0.000**		0.000	**0.000**
Assam	**NEC**		**0.618**	**0.618**		0.577	**0.577**		0.733	**0.733**
Chhattisgarh	SECL	**0.155**	**106.353**	**106.508**	0.123	107.716	**107.839**	0.125	110.044	**110.169**
Chhattisgarh	JSPL		**5.999**	**5.999**		5.999	**5.999**		5.989	**5.989**
Chhattisgarh	MIEL		**0.798**	**0.798**		0.905	**0.905**		1.022	**1.022**
Chhattisgarh	PIL		**1.000**	**1.000**		1.000	**1.000**		1.000	**1.000**
Chhattisgarh	JNL		**0.479**	**0.479**		0.394	**0.394**		0.777	**0.777**
Chhattisgarh	JPL		**5.088**	**5.088**		6.223	**6.223**		5.726	**5.726**
Chhattisgarh	SEML		**0.893**	**0.893**		1.117	**1.117**		1.266	**1.266**
Chhattisgarh	RRVUNL		**0.293**	**0.293**		1.197	**1.197**		3.443	**3.443**
Chhattisgarh	**TOTAL**	**0.155**	**120.903**	**121.058**	0.123	124.551	**124.674**	0.125	129.267	**129.392**
Jammu & Kashmir	**JKML**	**0.000**	**0.014**	**0.014**		0.013	**0.013**		0.013	**0.013**
Jharkhand	ECL	**0.032**	**17.672**	**17.704**	0.038	17.301	**17.339**	0.029	18.646	**18.675**
Jharkhand	BCCL	**28.954**	**4.025**	**32.979**	30.257	2.388	**32.645**	29.610	3.124	**32.734**
Jharkhand	CCL	**18.479**	**34.407**	**52.886**	18.679	33.442	**52.121**	19.359	35.978	**55.337**
Jharkhand	JSMDCL		**0.000**	**0.000**		0.000	**0.000**		0.408	**0.408**
Jharkhand	DVC		**0.226**	**0.226**		0.045	**0.045**		0.055	**0.055**
Jharkhand	IISCO	**0.560**		**0.560**	0.541	0.000	**0.541**	0.420	0.000	**0.420**
Jharkhand	TISCO	**7.233**	**0.081**	**7.314**	6.902	0.067	**6.969**	6.037	0.024	**6.061**
Jharkhand	PSEB		**6.872**	**6.872**		5.852	**5.852**		3.454	**3.454**
Jharkhand	UML		**0.564**	**0.564**		0.759	**0.759**		0.794	**0.794**
West Bengal	WBPDCL		**0.000**	**0.000**		0.082	**0.082**		4.007	**4.007**
Jharkhand	ESCL	**0.069**	**0.005**	**0.074**	0.366	0.004	**0.370**	0.229	0.488	**0.717**
Jharkhand	SAIL	**0.033**	**0.064**	**0.097**	0.044	0.031	**0.075**	0.024	0.001	**0.025**
Jharkhand	**TOTAL**	**55.360**	**63.916**	**119.276**	56.827	59.971	**116.798**	55.708	66.979	**122.687**
Madhya Pradesh	NCL		**38.197**	**38.197**		41.085	**41.085**		44.497	**44.497**
Madhya Pradesh	WCL	**0.317**	**6.051**	**6.368**	0.268	5.424	**5.692**	0.232	5.408	**5.640**
Madhya Pradesh	SECL		**15.465**	**15.465**		14.174	**14.174**		13.040	**13.040**
Madhya Pradesh	MPSMCL		**0.000**	**0.000**		0.000	**0.000**		1.504	**1.504**
Madhya Pradesh	BLA		**0.300**	**0.300**		0.300	**0.300**		0.300	**0.300**
Madhya Pradesh	SPL		**0.081**	**0.081**		1.845	**1.845**		9.261	**9.261**
Madhya Pradesh	**TOTAL**	**0.317**	**60.094**	**60.411**	0.268	62.828	**63.096**	0.232	74.010	**74.242**
Maharashtra	WCL		**35.171**	**35.171**		34.247	**34.247**		35.600	**35.600**
Maharashtra	SIL		**0.244**	**0.244**		0.159	**0.159**		0.196	**0.196**
Maharashtra	KPCL		**2.515**	**2.515**		2.472	**2.472**		2.413	**2.413**
Maharashtra	BSIL		**0.019**	**0.019**		0.027	**0.027**		0.136	**0.136**
Maharashtra	TUML/SVSL		**0.367**	**0.367**		0.300	**0.300**		0.208	**0.208**
Maharashtra	**TOTAL**	**0.000**	**38.316**	**38.316**	0.000	37.205	**37.205**	0.000	38.553	**38.553**
Meghalaya	**MEGHALAYA**		**5.640**	**5.640**		5.732	**5.732**		5.732	**5.732**
Odisha	MCL		**111.959**	**111.959**		114.342	**114.342**		122.996	**122.996**
Odisha	HIL		**2.254**	**2.254**		2.453	**2.453**		2.386	**2.386**
Odisha	**TOTAL**		**114.213**	**114.213**		116.795	**116.795**		125.382	**125.382**
Uttar Pradesh	**NCL**		**28.824**	**28.824**		30.807	**30.807**		29.021	**29.021**
West Bengal	ECL	**0.011**	**17.829**	**17.840**	0.007	18.628	**18.635**	0.007	19.538	**19.545**
West Bengal	BCCL	**0.016**	**0.002**	**0.018**	1.239	0.174	**1.413**	0.542	0.390	**0.932**
West Bengal	IISCO		**0.156**	**0.156**		0.081	**0.081**		0.199	**0.199**
West Bengal	WBPDCL		**3.256**	**3.256**		2.528	**2.528**		2.241	**2.241**
West Bengal	ICML		**3.221**	**3.221**		3.278	**3.278**		3.771	**3.771**
West Bengal	DVC EMTA		**1.844**	**1.844**		1.523	**1.523**		1.006	**1.006**
West Bengal	WBMDTCL		**0.265**	**0.265**		0.734	**0.734**		1.119	**1.119**
West Bengal	SOVA		**0.086**	**0.086**		0.279	**0.279**		0.400	**0.400**
West Bengal	**TOTAL**	**0.027**	**26.659**	**26.686**	**1.246**	**27.225**	**28.471**	**0.549**	**28.664**	**29.213**
Total Public		**48.557**	**484.158**	**532.715**	**51.196**	**482.755**	**533.951**	**50.348**	**511.540**	**561.888**
Total Private		**7.302**	**27.119**	**34.421**	**7.268**	**30.841**	**38.109**	**6.266**	**39.476**	**45.742**
All India		**55.859**	**511.277**	**567.136**	**58.464**	**513.596**	**572.060**	**56.614**	**551.016**	**607.630**

Note: The state of Telangana has been formed from Andhra Pradesh w.e.f 02.06.2014 and the only producing company SCCL is in Telangana . So, for the whole year figures have been shown for Telangana State.

TABLE 3.11: GRADEWISE DESPATCH OF COKING COAL BY COMPANIES IN 2014-15

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE										
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	SLV1	Met Coal	Non Met	**Total Coking**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	**(8)**	(9)	(10)	(11)	(12)
ECL			0.007			0.029			0.007	0.029	**0.036**
BCCL	0.052	0.327		0.102	1.190	7.694	20.787		2.145	28.007	**30.152**
CCL					0.030	3.082	16.247		4.321	15.038	**19.359**
NCL											**0.000**
WCL					0.232				0.198	0.034	**0.232**
SECL			0.125							0.125	**0.125**
MCL											**0.000**
NEC											**0.000**
CIL	**0.052**	**0.327**	**0.132**	**0.102**	**1.452**	**10.805**	**37.034**	**0.000**	**6.671**	**43.233**	**49.904**
SCCL											**0.000**
JKML											**0.000**
JSMDCL											**0.000**
DVC											**0.000**
DVC EMTA											**0.000**
IISCO						0.092	0.328		0.420	0.000	**0.420**
SAIL							0.024		0.024	0.000	**0.024**
APMDTCL											**0.000**
RRUVNL											**0.000**
WBMDTCL											**0.000**
WBPDCL											**0.000**
PSEB											**0.000**
KPCL											**0.000**
MPSMCL											**0.000**
PUBLIC	**0.052**	**0.327**	**0.132**	**0.102**	**1.452**	**10.897**	**37.386**	**0.000**	**7.115**	**43.233**	**50.348**
TISCO					0.242	0.909	4.886		6.037	0.000	**6.037**
MEG											**0.000**
ICML											**0.000**
JSPL											**0.000**
HIL											**0.000**
MIEL											**0.000**
BLA											**0.000**
CML											**0.000**
PIL											**0.000**
JNL											**0.000**
JPL											**0.000**
SIL											**0.000**
ESCL						0.129	0.100		0.229		**0.229**
UML											**0.000**
SEML											**0.000**
BSIL											**0.000**
TUML											**0.000**
SPL											**0.000**
SOVA											**0.000**
PRIVATE	**0.000**	**0.000**	**0.000**	**0.000**	**0.242**	**1.038**	**4.986**	**0.000**	**6.266**	**0.000**	**6.266**
GRAND TOTAL	**0.052**	**0.327**	**0.132**	**0.102**	**1.694**	**11.935**	**42.372**	**0.000**	**13.381**	**43.233**	**56.614**

TABLE 3.12: GRADEWISE DESPATCH OF NON COKING COAL BY COMPANIES IN 2014-15

(Quantity in Million Tonnes)

Companies	NON-COKING COAL GRADE																		Total Non coking	Total Coal
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	UNG		
(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
ECL		0.928	1.468	13.078	4.532	1.465	1.892	0.236					14.585						**38.184**	**38.220**
BCCL		0.111	0.239	0.033	0.089	1.773	1.107	0.107	0.055										**3.514**	**33.666**
CCL			0.050	0.181	2.175	0.578	0.877	4.104	15.296	8.959	3.758								**35.978**	**55.337**
NCL					0.913	0.202	17.291	9.118		45.664				0.330					**73.518**	**73.518**
WCL				0.009	0.400	1.379	2.966	8.682	25.335	2.237									**41.008**	**41.240**
SECL			2.941	4.604	7.381	6.340	3.771	1.178	0.367	1.304	86.253	8.945							**123.084**	**123.209**
MCL					0.160			0.712	0.182	2.193	10.757	66.992	42.000						**122.996**	**122.996**
NEC	0.248	0.417		0.068															**0.733**	**0.733**
CIL	**0.248**	**1.456**	**4.698**	**17.973**	**15.650**	**11.737**	**27.904**	**24.137**	**41.235**	**60.357**	**100.768**	**75.937**	**56.585**	**0.330**	**0.000**	**0.000**	**0.000**	**0.000**	**439.015**	**488.919**
SCCL					0.730		8.358	0.590	10.664	7.261	10.188		12.394		1.424		0.347	0.706	**52.662**	**52.662**
JKML																	0.013		**0.013**	**0.013**
JSMDCL												0.408							**0.408**	**0.408**
DVC				0.055															**0.055**	**0.055**
DVC EMTA						0.302	0.704												**1.006**	**1.006**
IISCO				0.038		0.161													**0.199**	**0.619**
SAIL													0.001						**0.001**	**0.025**
APMDTCL																	0.000		**0.000**	**0.000**
RRUVNL											3.443								**3.443**	**3.443**
WBMDTCL				0.836	0.283														**1.119**	**1.119**
WBPDCL				0.214		6.034													**6.248**	**6.248**
PSEB						1.209	1.727	0.518											**3.454**	**3.454**
KPCL								2.413											**2.413**	**2.413**
MPSMCL											1.504								**1.504**	**1.504**
PUBLIC	**0.248**	**1.456**	**4.698**	**19.116**	**16.663**	**19.443**	**38.693**	**27.658**	**51.899**	**67.618**	**115.903**	**76.345**	**68.980**	**0.330**	**1.424**	**0.000**	**0.360**	**0.706**	**511.540**	**561.888**
TISCO						0.002		0.007				0.015							**0.024**	**6.061**
MEG	5.732																		**5.732**	**5.732**
ICML											3.771								**3.771**	**3.771**
JSPL												1.374			2.022		2.593		**5.989**	**5.989**
HIL												1.604		0.782					**2.386**	**2.386**
MIEL								0.503				0.519							**1.022**	**1.022**
BLA							0.012	0.158		0.130									**0.300**	**0.300**
CML																			**0.000**	**0.000**
PIL									1.000										**1.000**	**1.000**
JNL									0.081	0.361		0.335							**0.777**	**0.777**
JPL												1.332	1.262	2.657		0.475			**5.726**	**5.726**
SIL									0.196										**0.196**	**0.196**
ESCL																	0.488		**0.488**	**0.717**
UML						0.794													**0.794**	**0.794**
SEML												0.642		0.436			0.188		**1.266**	**1.266**
BSIL												0.136							**0.136**	**0.136**
TUML											0.208								**0.208**	**0.208**
SPL										9.261									**9.261**	**9.261**
SOVA								0.261	0.139										**0.400**	**0.400**
PRIVATE	**5.732**	**0.000**	**0.000**	**0.000**	**0.000**	**0.796**	**0.012**	**0.929**	**1.416**	**9.752**	**3.979**	**5.957**	**1.262**	**3.875**	**2.022**	**0.475**	**3.269**	**0.000**	**39.476**	**45.742**
GRAND TOTAL	**5.980**	**1.456**	**4.698**	**19.116**	**16.663**	**20.239**	**38.705**	**28.587**	**53.315**	**77.370**	**119.882**	**82.302**	**70.242**	**4.205**	**3.446**	**0.475**	**3.629**	**0.706**	**551.016**	**607.630**

TABLE 3.13: MODEWISE COMPANYWISE DESPATCHES OF RAW COAL IN 2014-15 (External & Internal)

(Quantity of Million Tonnes)

Company	YEAR 2014-15 (External)							YEAR 2014 - 15 (Internal)							
	Rail	Road	MGR	Rope	Belt	Other	**Total External**	Rail	Road	MGR	Rope	Belt	Other	**Total Internal**	**Total Despatch**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	**(8)**	(9)	(10)	(11)	(12)	(13)	(14)	**(15)**	**(16)**
ECL	25.538	1.639	11.043				**38.220**							**0.000**	**38.220**
BCCL	26.771	5.184					**31.955**	0.683	1.028					**1.711**	**33.666**
CCL	26.222	18.304					**44.526**		10.811					**10.811**	**55.337**
NCL	25.188	9.256	35.458				**69.902**		3.616					**3.616**	**73.518**
WCL	22.719	14.619	0.401	2.381	0.971		**41.091**						0.149	**0.149**	**41.240**
SECL	43.639	45.206	24.824		6.539	3.001	**123.209**							**0.000**	**123.209**
MCL	81.259	25.152	14.213		2.372		**122.996**							**0.000**	**122.996**
NEC	0.619	0.114					**0.733**							**0.000**	**0.733**
CIL	**251.955**	**119.474**	**85.939**	**2.381**	**9.882**	**3.001**	**472.632**	**0.683**	**15.455**	**0.000**	**0.000**	**0.000**	**0.149**	**16.287**	**488.919**
SCCL	30.725	9.840	7.581	0.448		4.068	**52.662**							**0.000**	**52.662**
JKML		0.013					**0.013**							**0.000**	**0.013**
JSMDCL		0.408					**0.408**							**0.000**	**0.408**
DVC		0.055					**0.055**							**0.000**	**0.055**
DVC EMTA		1.006					**1.006**							**0.000**	**1.006**
IISCO		0.199					**0.199**		0.169		0.092	0.159		**0.420**	**0.619**
SAIL	0.001	0.024					**0.025**							**0.000**	**0.025**
APMDTCL		0.000					**0.000**							**0.000**	**0.000**
RRUVNL							**0.000**						3.443	**3.443**	**3.443**
WBMDTCL		1.119					**1.119**							**0.000**	**1.119**
WBPDCL	5.825	0.423					**6.248**							**0.000**	**6.248**
PSEB/PANEM	3.454						**3.454**							**0.000**	**3.454**
KPCL	2.413						**2.413**							**0.000**	**2.413**
MPSMCL	1.504						**1.504**							**0.000**	**1.504**
PUBLIC	**295.877**	**132.561**	**93.520**	**2.829**	**9.882**	**7.069**	**541.738**	**0.683**	**15.624**	**0.000**	**0.092**	**0.159**	**3.592**	**20.150**	**561.888**
TISCO							**0.000**		0.323		1.509	4.229		**6.061**	**6.061**
MEG		5.732					**5.732**							**0.000**	**5.732**
ICML		3.771					**3.771**							**0.000**	**3.771**
JSPL		0.269					**0.269**					5.720		**5.720**	**5.989**
HIL		2.386					**2.386**							**0.000**	**2.386**
MIEL		1.022					**1.022**							**0.000**	**1.022**
BLA							**0.000**		0.300					**0.300**	**0.300**
CML							**0.000**							**0.000**	**0.000**
PIL		1.000					**1.000**							**0.000**	**1.000**
JNL		0.777					**0.777**							**0.000**	**0.777**
JPL					5.726		**5.726**							**0.000**	**5.726**
SIL	0.196						**0.196**							**0.000**	**0.196**
ESCL		0.014					**0.014**		0.703					**0.703**	**0.717**
UML	0.687	0.107					**0.794**							**0.000**	**0.794**
SEML		0.763					**0.763**	0.034	0.469					**0.503**	**1.266**
BSIL		0.136					**0.136**							**0.000**	**0.136**
TUML		0.208					**0.208**							**0.000**	**0.208**
SPL		1.415			7.846		**9.261**							**0.000**	**9.261**
SOVA		0.400					**0.400**							**0.000**	**0.400**
PRIVATE	**0.883**	**18.000**	**0.000**	**0.000**	**13.572**	**0.000**	**32.455**	**0.034**	**1.795**	**0.000**	**1.509**	**9.949**	**0.000**	**13.287**	**45.742**
GRAND TOTAL	**296.760**	**150.561**	**93.520**	**2.829**	**23.454**	**7.069**	**574.193**	**0.717**	**17.419**	**0.000**	**1.601**	**10.108**	**3.592**	**33.437**	**607.630**

TABLE 3.14: COMPANYWISE OFF-TAKE OF RAW COAL & LIGNITE TO DIFFERENT PRIORITY SECTORS DURING 2014-15

(Quantity of Million Tonnes)

Company	Power (Utility)	Power (Captive)	Steel	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	**Total Despatches**	Colliery Consumption	**Total Offtake**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	**(15)**	(16)	**(17)**
COAL :																
ECL	35.097	0.089	0.007	0.364	0.080		0.134		0.019	0.062	0.002		2.366	**38.220**	0.249	**38.469**
BCCL	27.329	0.105	1.266			0.965							4.001	**33.666**	0.063	**33.729**
CCL	33.410	1.437	13.435			0.234	0.723		0.024				6.074	**55.337**	0.001	**55.338**
NCL	61.955	4.257			0.131		0.099	0.257					6.819	**73.518**	0.175	**73.693**
WCL	30.950	1.650	0.232		1.863		0.395		0.106	0.475	0.080		5.489	**41.240**	0.006	**41.246**
SECL	98.128	4.154	0.125		3.579	1.071	2.761		0.007	0.219	0.039		13.126	**123.209**	0.014	**123.223**
MCL	87.543				0.432	0.024							34.997	**122.996**	0.005	**123.001**
NEC	0.364				0.018					0.003			0.348	**0.733**		**0.733**
CIL	**374.776**	**11.692**	**15.065**	**0.364**	**6.103**	**2.294**	**4.112**	**0.257**	**0.156**	**0.759**	**0.121**	**0.000**	**73.220**	**488.919**	**0.513**	**489.432**
SCCL	39.206	2.655			4.987		0.345		0.243	0.726	0.292	0.014	4.194	**52.662**	0.063	**52.725**
JKML					0.002						0.001	0.010		**0.013**		**0.013**
JSMDCL	0.100				0.150		0.150					0.008		**0.408**		**0.408**
DVC		0.055												**0.055**		**0.055**
DVC EMTA		1.006												**1.006**		**1.006**
IISCO			0.420										0.199	**0.619**		**0.619**
SAIL			0.024	0.001										**0.025**		**0.025**
APMDTCL													0.000	**0.000**		**0.000**
RRVUNL		3.443												**3.443**		**3.443**
WBMDTCL	0.424				0.032		0.270			0.056	0.005	0.026	0.306	**1.119**		**1.119**
WBPDCL		6.248												**6.248**		**6.248**
PSEB/PANEM		3.454												**3.454**		**3.454**
KECML		2.413												**2.413**		**2.413**
MPSMCL		1.504												**1.504**		**1.504**
PUBLIC	**414.506**	**32.470**	**15.509**	**0.365**	**11.274**	**2.294**	**4.877**	**0.257**	**0.399**	**1.541**	**0.419**	**0.058**	**77.919**	**561.888**	**0.576**	**562.464**
TISCO			6.061											**6.061**		**6.061**
MEG													5.732	**5.732**		**5.732**
ICML	3.771													**3.771**		**3.771**
JSPL							5.989							**5.989**		**5.989**
HIL		2.386												**2.386**		**2.386**
MIEL		1.022												**1.022**		**1.022**
BLA	0.212				0.088									**0.300**		**0.300**
CML														**0.000**		**0.000**
PIL							1.000							**1.000**		**1.000**
JNL							0.777							**0.777**		**0.777**
JPL		5.726												**5.726**		**5.726**
SIL							0.196							**0.196**		**0.196**
ESCL		0.141	0.384				0.137					0.055		**0.717**		**0.717**
UML							0.794							**0.794**		**0.794**
SEML		0.171	0.331				0.324						0.440	**1.266**		**1.266**
BSIL							0.136							**0.136**		**0.136**
TUML/SVSL							0.208							**0.208**		**0.208**
SPL		9.261												**9.261**		**9.261**
SOVA		0.050					0.238						0.112	**0.400**		**0.400**
PRIVATE	**3.983**	**18.757**	**6.776**	**0.000**	**0.088**	**0.000**	**9.799**	**0.000**	**0.000**	**0.000**	**0.000**	**0.055**	**6.284**	**45.742**	**0.000**	**45.742**
GRAND TOTAL	**418.489**	**51.227**	**22.285**	**0.365**	**11.362**	**2.294**	**14.676**	**0.257**	**0.399**	**1.541**	**0.419**	**0.113**	**84.203**	**607.630**	**0.576**	**608.206**
LIGNITE:																
GIPCL		3.456												**3.456**		**3.456**
GMDCL		3.126			0.314	0.005			0.313	0.556	2.848	0.600	0.938	**8.700**		**8.700**
GHCL		0.193												**0.193**		**0.193**
NLCL	22.594	1.900		0.023	0.755				0.007	0.093	0.001	0.013	0.055	**25.441**		**25.441**
RSMML	0.458				0.200				0.008	0.041	0.038		0.660	**1.405**		**1.405**
VSLPPL		0.823												**0.823**		**0.823**
BLMCL		6.923												**6.923**		**6.923**
TOTAL	**23.052**	**16.421**	**0.000**	**0.023**	**1.269**	**0.005**	**0.000**	**0.000**	**0.328**	**0.690**	**2.887**	**0.613**	**1.653**	**46.941**	**0.000**	**46.941**

TABLE 3.15: AVAILABILITY AND OFF-TAKE OF INDIAN RAW COAL BY COMPANIES DURING 2013-14 & 2014-15

(Quantity in Million Tonnes)

Company	2013-14							2014-15						
	AVAILABILITY			OFF-TAKE			Closing Stock	AVAILABILITY			OFF-TAKE			Closing Stock
	Opening Stock	Production	**Total**	Despatches	Colliery Consumption	**Total**		Opening Stock	Production	**Total**	Despatches	Colliery Consumption	**Total**	
(1)	(9)	(10)	**(11)**	(12)	(13)	**(14)**	(15)	(9)	(10)	**(11)**	(12)	(13)	**(14)**	(15)
CIL	58.168	462.413	**520.581**	470.916	0.374	**471.290**	48.683	48.683	494.234	**542.917**	488.919	0.513	**489.432**	53.485
SCCL	3.020	50.469	**53.489**	47.892	0.050	**47.942**	5.548	5.548	52.536	**58.084**	52.662	0.063	**52.725**	5.348
JKML	0.005	0.019	**0.024**	0.013		**0.013**	0.013	0.013	0.013	**0.026**	0.013		**0.013**	0.013
JSMDCL			**0.000**			**0.000**		0.000	0.415	**0.415**	0.408		**0.408**	0.007
DVC	0.011	0.054	**0.065**	0.045		**0.045**	0.020	0.020	0.066	**0.086**	0.055		**0.055**	0.030
DVC EMTA	0.009	1.519	**1.528**	1.523		**1.523**	0.005	0.005	1.001	**1.006**	1.006		**1.006**	0
IISCO	0.008	0.622	**0.630**	0.622		**0.622**	0.009	0.009	0.626	**0.635**	0.619		**0.619**	0.013
SAIL	0.006	0.069	**0.075**	0.075		**0.075**	0.000		0.025	**0.025**	0.025		**0.025**	0
APMDTCL	0.022		**0.022**			**0.000**	0.000			**0.000**	0.000		**0.000**	0
WBPDCL	0.039	2.606	**2.645**	2.610		**2.610**	0.034	0.034	6.221	**6.255**	6.248		**6.248**	0.008
RRVUNL	0.000	1.197	**1.197**	1.197		**1.197**	0.000	0.000	3.443	**3.443**	3.443		**3.443**	0
WBMDTCL	0.085	0.726	**0.811**	0.734		**0.734**	0.077	0.077	1.042	**1.119**	1.119		**1.119**	0
PSEB	0.083	5.879	**5.962**	5.852		**5.852**	0.110	0.110	3.433	**3.543**	3.454		**3.454**	0.089
KPCL		2.502	**2.502**	2.472		**2.472**	0.030	0.030	2.478	**2.508**	2.413		**2.413**	0.095
MPSMCL		0.005	**0.005**			**0.000**	0.005	0.005	1.500	**1.505**	1.504		**1.504**	0
PUBLIC	**61.456**	**528.080**	**589.536**	**533.951**	**0.424**	**534.375**	**54.534**	**54.534**	**567.033**	**621.567**	**561.888**	**0.576**	**562.464**	**59.088**
TISCO	0.014	6.972	**6.986**	6.969	0.001	**6.970**	0.017	0.017	6.044	**6.061**	6.061		**6.061**	0.012
Meghalaya		5.732	**5.732**	5.732		**5.732**	0.000		5.732	**5.732**	5.732		**5.732**	0.000
ICML	0.848	2.708	**3.556**	3.278		**3.278**	0.278	0.278	3.492	**3.770**	3.771		**3.771**	0.000
JSPL	0.010	5.999	**6.009**	5.999		**5.999**	0.010	0.010	5.989	**5.999**	5.989		**5.989**	0.010
HIL	0.122	2.478	**2.600**	2.453		**2.453**	0.144	0.144	2.248	**2.392**	2.386		**2.386**	0.009
MIEL	0.008	0.919	**0.927**	0.905		**0.905**	0.022	0.022	1.000	**1.022**	1.022		**1.022**	0.000
BLA	0.000	0.300	**0.300**	0.300		**0.300**	0.000	0.000	0.300	**0.300**	0.300		**0.300**	0.000
PIL	0.001	1.000	**1.001**	1.000		**1.000**	0.001	0.001	1.000	**1.001**	1.000		**1.000**	0.000
JNL	0.025	0.446	**0.471**	0.394		**0.394**	0.076	0.076	0.703	**0.779**	0.777		**0.777**	0.002
JPL	0.164	6.226	**6.390**	6.223		**6.223**	0.005	0.005	6.248	**6.253**	5.726		**5.726**	0.000
SIL	0.020	0.148	**0.168**	0.159		**0.159**	0.009	0.009	0.196	**0.205**	0.196		**0.196**	0.009
ESCL	0.093	0.461	**0.554**	0.370		**0.370**	0.157	0.157	0.436	**0.593**	0.717		**0.717**	0.107
UML	0.001	0.762	**0.763**	0.759		**0.759**	0.004	0.004	0.790	**0.794**	0.794		**0.794**	0.000
SEML	0.084	1.165	**1.249**	1.117		**1.117**	0.131	0.131	1.189	**1.320**	1.266		**1.266**	0.054
BSIL	0.055	0.081	**0.136**	0.027		**0.027**	0.109	0.109	0.031	**0.140**	0.136		**0.136**	0.004
TUML/SVSL	0.001	0.317	**0.318**	0.300		**0.300**	0.017	0.017	0.198	**0.215**	0.208		**0.208**	0.007
SPL	0.144	1.695	**1.839**	1.845		**1.845**	0.000	0.000	9.406	**9.406**	9.261		**9.261**	0.145
SOVA	0.003	0.276	**0.279**	0.279		**0.279**	0.000	0.000	0.400	**0.400**	0.400		**0.400**	0.000
PRIVATE	**1.593**	**37.685**	**39.278**	**38.109**	**0.001**	**38.110**	**0.980**	**0.980**	**45.402**	**46.382**	**45.742**	**0.000**	**45.742**	**0.359**
INDIA	**63.049**	**565.765**	**628.814**	**572.060**	**0.425**	**572.485**	**55.514**	**55.514**	**612.435**	**667.949**	**607.630**	**0.576**	**608.206**	**59.447**

TABLE-4.1. TRENDS OF PIT-HEAD CLOSING STOCK OF DIFFERENT SOLID FOSSIL FUELS IN LAST TEN YEARS

(Quantity in Million Tonnes)

Year	Raw coal			Lignite			Total solid fossil fuel	
	Pit-head Closing Stock	Share in total solid fossil fuel (%)	Change over previous year (%)	Pit-head Closing Stock	Share in total solid fossil fuel (%)	Change over previous year (%)	Pit-head Closing Stock	Change over previous year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2005-06	34.334	98.49	43.24	0.525	1.51	-2.05	34.859	42.25
2006-07	44.348	97.79	29.17	1.002	2.21	90.86	45.350	30.10
2007-08	46.779	99.30	5.48	0.328	0.70	-67.27	47.107	3.87
2008-09	47.317	98.13	1.15	0.903	1.87	175.30	48.220	2.36
2009-10	64.863	99.14	37.08	0.565	0.86	-37.43	65.428	35.69
2010-11	72.192	99.16	11.30	0.610	0.84	7.96	72.802	11.27
2011-12	74.040	98.60	2.56	1.051	1.40	72.30	75.091	3.14
2012-13	63.049	97.69	-14.84	1.493	2.31	42.06	64.542	-14.05
2013-14	55.514	96.76	-11.95	1.860	3.24	24.58	57.374	-11.11
2014-15	59.447	94.93	7.08	3.176	5.07	70.75	62.623	9.15

TABLE-4.2 : MONTHLY PIT-HEAD CLOSING STOCK OF COAL, LIGNITE AND VARIOUS COAL PRODUCTS IN 2014-15

(Quantity in Million Tonnes)

Month	Raw Coal	Lignite	Washed Coal (Coking)	Washed Coal (Non-Coking)	Middlings (Coking)	Middlings (Non-Coking)	Hard Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Apr-14	51.007	1.143	0.127	0.346	0.301	1.225	0.053
May-14	46.235	1.148	0.188	0.184	0.312	1.101	0.114
Jun-14	42.310	1.398	0.153	0.272	0.295	1.013	0.195
1st Quarter	**42.310**	**1.398**	**0.153**	**0.272**	**0.295**	**1.013**	**0.195**
Jul-14	36.627	0.878	0.182	0.257	0.332	0.926	0.120
Aug-14	33.606	0.827	0.152	0.562	0.302	0.654	0.131
Sep-14	33.225	0.553	0.164	0.267	0.309	0.838	0.118
2nd Quarter	**33.225**	**0.553**	**0.164**	**0.267**	**0.309**	**0.838**	**0.118**
Oct-14	34.287	0.377	0.141	0.338	0.301	0.544	0.109
Nov-14	37.028	0.348	0.162	0.378	0.322	0.360	0.092
Dec-14	40.250	0.560	0.152	0.605	0.341	0.418	0.041
3rd Quarter	**40.250**	**0.560**	**0.152**	**0.605**	**0.341**	**0.418**	**0.041**
Jan-15	43.327	0.915	0.168	0.761	0.644	0.540	0.021
Feb-15	48.870	1.406	0.179	0.851	0.668	0.596	0.035
Mar-15	59.447	3.176	0.181	0.837	0.615	1.116	0.045
4th Quarter	**59.447**	**3.176**	**0.181**	**0.837**	**0.615**	**1.116**	**0.045**
2014-15	**59.447**	**3.176**	**0.181**	**0.837**	**0.615**	**1.116**	**0.045**

TABLE-4.3 : TRENDS OF PIT-HEAD CLOSING STOCK OF RAW COAL AND LIGNITE BY COMPANIES IN LAST THREE YEARS

(Quantity in Million Tonnes)

Company	2012-13		2013-14		2014-15	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COAL :						
ECL	2.114	3.35	1.913	3.45	3.451	5.81
BCCL	5.090	8.07	3.576	6.44	4.362	7.34
CCL	11.504	18.25	9.405	16.94	9.718	16.35
NCL	9.579	15.19	6.107	11.00	4.898	8.24
WCL	5.816	9.22	5.600	10.09	5.501	9.25
SECL	5.930	9.41	7.764	13.99	12.816	21.56
MCL	18.053	28.63	14.149	25.49	12.524	21.07
NEC	0.082	0.13	0.169	0.30	0.215	0.36
CIL	**58.168**	**92.26**	**48.683**	**87.69**	**53.485**	**89.97**
SCCL	3.020	4.79	5.548	9.99	5.348	9.00
JKML	0.005	0.01	0.013	0.02	0.013	0.02
JSMDCL					0.007	0.01
DVC	0.011	0.02	0.020	0.04	0.030	0.05
DVC EMTA	0.009	0.01	0.005	0.01		
IISCO	0.008	0.01	0.009	0.02	0.013	0.02
SAIL	0.006	0.01				
APMDTCL	0.022	0.03				
WBPDCL	0.039	0.062	0.034	0.061	0.008	0.061
PSEB	0.083	0.13	0.110	0.20	0.089	0.15
RRVUNL						
WBMDTCL	0.085	0.13	0.077	0.14		
MPSMCL			0.005	0.01		
KPCL		0.00	0.030	0.05	0.095	0.16
PUBLIC	**61.456**	**97.47**	**54.534**	**98.23**	**59.088**	**99.40**
TISCO	0.014	0.02	0.017	0.03	0.012	0.02
Meghalaya						
ICML	0.848	1.34	0.278	0.50		0.00
JSPL	0.010	0.02	0.010	0.02	0.010	0.02
HIL	0.122	0.19	0.144	0.26	0.009	0.02
MIEL	0.008	0.01	0.022	0.04		
BLA						
PIL	0.001	0.00	0.001	0.00		
JNL	0.025	0.04	0.076	0.14	0.002	0.00
JPL	0.164	0.26	0.005	0.01		
SIL	0.020	0.03	0.009	0.02	0.009	0.02
ESCL	0.093	0.15	0.157	0.28	0.107	0.18
UML	0.001	0.00	0.004	0.01		
SEML	0.084	0.13	0.131	0.24	0.054	0.09
BSIL	0.055	0.09	0.109	0.20	0.004	0.01
TUML/SVSL	0.001	0.00	0.017	0.03	0.007	0.01
SPL	0.144	0.23			0.145	0.24
SOVA	0.003	0.00				
PRIVATE	**1.593**	**2.53**	**0.980**	**1.77**	**0.359**	**0.60**
ALL INDIA	**63.049**	**100.00**	**55.514**	**100.00**	**59.447**	**100.00**
LIGNITE :						
NLC	1.121	75.08	1.739	93.49	2.842	89.48
GMDCL						
GIPCL	0.296	19.83	0.053	2.85		0.00
GHCL	0.024	1.61	0.016	0.86	0.023	0.72
RSMML						
VSLPPL			0.051	2.74	0.233	7.34
BLMCL	0.052	3.48	0.001	0.05	0.078	2.46
ALL INDIA	**1.493**	**100.00**	**1.860**	**100.00**	**3.176**	**100.00**
COAL & LIGNITE	**64.542**		**57.374**		**62.623**	

TABLE 4.4 : CAPTIVE BLOCK WISE PIT-HEAD CLOSING STOCK OF RAW COAL DURING 2014-15

(Quantity in Million Tonnes)

Block	Company	State	Coking Coal	Non Coking Coal	Total Coal
Tasra	SAIL/IISCO	Jharkhand		0.000	**0.000**
Barjora North	DVCEMTA	West Bengal		0.000	**0.000**
Namchik Namphuk	APMDTCL	Arunachal Pradesh		0.000	**0.000**
Parsa E & Kanta Basan	RRUVNL	Chhittsgarh		0.000	**0.000**
Trans Damodar	WBMDTCL	West Bengal		0.000	**0.000**
Tara East & West	WBPDCL	West Bengal		0.000	**0.000**
Barjore	WBPDCL	West Bengal		0.001	**0.001**
Gangaramchak & Bhadulia	WBPDCL	West Bengal		0.000	**0.000**
Panchwara North	WBPDCL	Jharkhand		0.007	**0.007**
Pachwara Central	PSEB	Jharkhand		0.089	**0.089**
Baranj I-IV, Kiloni,Manora Deep	KPCL	Maharashtra		0.095	**0.095**
Amelia North	MPSMCL	Madhya Pradesh		0.000	**0.000**
Total Public			**0.000**	**0.192**	**0.192**
Ardhagram	SOVA	West Bengal		0.000	**0.000**
Belgaon	SIL	Maharashtra		0.009	**0.009**
Chotia	PIL	Chhittsgarh		0.000	**0.000**
Gare Palma IV/1	JSPL	Chhittsgarh		0.010	**0.010**
Gare Palma IV/2&3	JPL	Chhittsgarh		0.000	**0.000**
Gare Palma IV/4	JNL	Chhittsgarh		0.002	**0.002**
Gare Palma IV/5	MIEL	Chhittsgarh		0.000	**0.000**
Gare Palma IV/7	SEML	Chhittsgarh		0.054	**0.054**
Gotitoria E&W	BLA	Madhya Pradesh		0.000	**0.000**
Kathautia	UML	Jharkhand		0.000	**0.000**
Marki Mangli I	BSIL	Maharashtra		0.004	**0.004**
Marki Mangli II-III	TUML/SVSL	Maharashtra		0.007	**0.007**
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		0.145	**0.145**
Parbatpur Central	ESCL	Jharkhand	0.041	0.066	**0.107**
Sarshatali	ICML	West Bengal		0.000	**0.000**
Talabira I	HIL	Odisha		0.009	**0.009**
Total Private			**0.041**	**0.306**	**0.347**
Grand Total			**0.041**	**0.498**	**0.539**

TABLE 5.1 : YEAR WISE IMPORT OF COAL AND COKE TO INDIA DURING LAST TEN YEARS

(Quantity in Million Tonne & Value in Million Rs.)

Year	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2005-06	16.891	95373	21.695	53722	**38.586**	**149095**	2.619	22186		
2006-07	17.877	101806	25.204	65080	**43.081**	**166886**	4.686	40211		
2007-08	22.029	121025	27.765	86358	**49.794**	**207384**	4.248	51231		
2008-09	21.080	226140	37.923	187268	**59.003**	**413408**	1.881	46051		
2009-10	24.690	201311	48.565	190489	**73.255**	**391800**	2.355	33311		
2010-11	19.484	208621	49.434	206875	**68.918**	**415496**	1.490	31204		
2011-12	31.801	424692	71.052	363683	**102.853**	**788376**	2.365	47585		
2012-13	35.557	378398	110.228	490057	**145.785**	**868455**	3.081	56919	0.0006	10
2013-14	36.872	348319	129.985	574973	**166.857**	**923292**	4.171	67995	0.0013	24
2014-15	43.715	337656	168.388	707586	**212.103**	**1045241**	3.294	43806	0.0006	17

TABLE 5.2 : YEAR WISE EXPORT OF COAL AND COKE FROM INDIA DURING LAST TEN YEARS

(Quantity in Million Tonne & Value in Million Rs.)

Year	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2005-06	0.046	88	1.943	2585	**1.989**	**2673**	0.157	790		
2006-07	0.107	222	1.447	2915	**1.554**	**3137**	0.076	323		
2007-08	0.036	84	1.591	2684	**1.627**	**2768**	0.097	987		
2008-09	0.109	245	1.546	3240	**1.655**	**3485**	1.338	7246		
2009-10	0.270	696	2.180	4347	**2.450**	**5042**	0.129	2080		
2010-11	0.111	265	1.764	4544	**1.875**	**4809**	0.729	11647		
2011-12	0.097	287	1.917	5525	**2.014**	**5900**	0.613	11525		
2012-13	0.056	302	2.387	8349	**2.443**	**8651**	1.201	6017	0.0691	360
2013-14	0.008	35	2.180	10805	**2.188**	**10840**	0.154	1521	0.0019	61
2014-15	0.042	413	1.196	6784	**1.238**	**7197**	0.102	1140	0.0028	40

Note: **Source:** DGCI & S , KOLKATA

(1) Coke also includes soft coke, retort carbon which are negligible

(2) Some figures may not match with DGCI&S publication due to subsequent corrections and roundings.

(3) Coking coal, appeared to be exported from Meghalaya, should be treated as non coking coal for accounting purpose.

(4) Export data for 2009-10 and 2010-11 are revised.

TABLE 5.3 : SOURCE COUNTRY-WISE IMPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2014-15

(Quantity in Million Tonnes & Value in Million Rs.)

Country	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	**(6)**	**(7)**	(8)	(9)	(10)	(11)
Andorra			0.079	328	**0.079**	**328**				
Australia	37.504	288739	9.956	55152	**47.459**	**343891**	0.215	2767		
Canada	1.856	14563	0.101	636	**1.957**	**15200**	0.000	2		
Chad			0.020	62	**0.020**	**62**				
Chile			1.728	5549	**1.728**	**5549**				
China PRP			0.019	334	**0.019**	**334**	2.027	25469	0.0000	1
Colombia			0.001	15	**0.001**	**15**	0.103	1909		
Indonesia			118.215	451920	**118.215**	**451920**				
Italy							0.039	590		
Japan							0.341	5090		
Latvia			0.001	11	**0.001**	**11**	0.004	55		
Malaysia	0.003	25	0.009	36	**0.012**	**61**				
Mozambique	1.409	10635	0.570	2724	**1.979**	**13359**				
New Zealand	1.025	7897			**1.025**	**7897**				
Panama C Z			0.032	224	**0.032**	**224**				
Poland							0.098	1337		
Russia	0.133	882	1.200	7604	**1.333**	**8486**	0.132	1944		
South Africa	0.160	962	30.571	151675	**30.731**	**152636**				
Switzerland			0.026	111	**0.026**	**111**				
U Arab Emts			0.013	167	**0.013**	**167**				
UK	0.002	64	0.001	19	**0.003**	**83**	0.000	5		
USA	1.602	13725	2.668	16276	**4.270**	**30001**			0.0004	10
Ukraine			0.201	1838	**0.201**	**1838**	0.306	4375		
Venezuela							0.029	261		
Vietnam SOC REP			0.033	529	**0.033**	**529**				
Unspecified	0.021	164	2.946	12376	**2.967**	**12539**	0.000	3	0.0002	6
TOTAL	**43.715**	**337656**	**168.388**	**707586**	**212.103**	**1045241**	**3.294**	**43806**	**0.0006**	**17**

Source: DGCI & S , KOLKATA

TABLE 5.4 : DESTINATION COUNTRY-WISE EXPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2014-15

(Quantity in Million Tonnes & Value in Million Rs.)

Country	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	**(6)**	**(7)**	(8)	(9)	(10)	(11)
Baharain IS					**0.000**	**0**			0.0017	22
Bangladesh PR	0.007	38	0.535	2616	**0.542**	**2654**	0.003	27		
Bhutan			0.038	548	**0.038**	**548**	0.013	222		
Iran	0.035	372			**0.035**	**372**				
Jordan			0.000	1	**0.000**	**1**	0.000	7		
Malaysia			0.000	2	**0.000**	**2**	0.000	2		
Nepal	0.000	2	0.482	3025	**0.482**	**3027**	0.056	400	0.0008	5
Nigeria			0.000	0	**0.000**	**0**	0.001	13		
Oman	0.000	1			**0.000**	**1**	0.002	20		
Pakistan IR					**0.000**	**0**	0.024	378	0.0000	0
Saudi Arab			0.000	2	**0.000**	**2**	0.001	22	0.0001	4
Sri Lanka DSR			0.000	0	**0.000**	**0**	0.001	13	0.0001	2
U Arab Emts			0.141	588	**0.141**	**588**	0.001	22	0.0000	0
South Africa					**0.000**	**0**	0.000	6		
Others	0.000	0	0.000	2	**0.000**	**2**	0.001	9	0.0001	6
TOTAL	**0.042**	**413**	**1.196**	**6784**	**1.238**	**7197**	**0.102**	**1140**	**0.0028**	**40**

Source: DGCI & S , KOLKATA

TABLE 5.5 : PORT WISE IMPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2014-15

(Quantity in Million Tonnes & Value in Million Rs.)

Port	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	**(6)**	**(7)**	(8)	(9)	(10)	(11)
Alibag	0.258	2071	2.402	6744	**2.660**	**8816**	0.07691	1133		
Appiic Multi Prod Sez Vizag DC			0.030	139	**0.030**	**139**	0.03565	407		
Bedi Sea			4.910	18445	**4.910**	**18445**				
Bhavnagar			1.154	4471	**1.154**	**4471**				
Bhuj			0.388	1375	**0.388**	**1375**				
Chennai Sea	0.002	59	5.947	20016	**5.949**	**20075**	0.00017	3		
Cochin Sea			0.080	348	**0.080**	**348**	0.00247	38		
Dehej Sea			14.240	58396	**14.240**	**58396**				
Delhi (ICD)			0.000	0	**0.000**	**0**	0.00007	1		
Dhamra(chandbali)	6.914	53010	6.726	32245	**13.640**	**85255**				
Dharmatar Sea	0.221	1618	0.019	136	**0.240**	**1753**				
Ennore Sea	0.330	2665	6.391	33703	**6.721**	**36368**				
Gangavaram Port	5.443	41542	8.452	39662	**13.895**	**81203**	0.08746	1301		
Hazira Port, Surat			1.712	5873	**1.712**	**5873**				
Hetero Infra Sez Nakkapalli AP			0.042	91	**0.042**	**91**				
ICD Bhusawal					**0.000**	**0**	0.00331	51		
ICD Ludhiana			0.000	1	**0.000**	**1**				
Jabilant Infra Ltd Kandla			0.015	51	**0.015**	**51**				
Kakinada Sea	0.047	293	4.883	18083	**4.929**	**18377**				
Kandla Sea	0.482	4102	8.741	36378	**9.224**	**40480**				
Karikal	0.258	1956	0.282	1180	**0.540**	**3136**				
Kiadb Textile Sez Karnataka			0.095	310	**0.095**	**310**				
Kolkata Sea	5.687	44766	3.857	18433	**9.544**	**63199**	0.54147	6905		
Krishnapatnam	3.383	24691	9.972	44092	**13.355**	**68784**	0.04155	466		
Magdalla Port Sea	0.621	4502	3.905	16816	**4.526**	**21318**	0.99748	14280		
Marmagoa Sea	4.988	39481	2.904	17643	**7.891**	**57123**	0.32778	4170		
Mumbai Sea			5.459	22860	**5.459**	**22860**	0.00001	1		
Mundra	1.223	9282	22.998	94972	**24.221**	**104254**	0.00199	19	0.00003	0
Navlakhi			6.642	26941	**6.642**	**26941**				
Newmangalore Sea	0.877	6703	6.778	31523	**7.656**	**38226**	0.34046	4408		
Nhava Sheva Sea	0.000	5	0.005	138	**0.005**	**143**	0.00023	7	0.00061	17
Okha	0.177	1325	0.521	2318	**0.697**	**3642**				
Paradip Sea	6.732	52512	9.483	38093	**16.215**	**90605**	0.70708	9037		
Parri Infra Co Pvt Ltd			0.042	134	**0.042**	**134**				
Pipavab(Vicyor)	0.063	486	1.453	7455	**1.516**	**7941**				
Porbandar			0.446	2249	**0.446**	**2249**				
Sez Dahej			0.003	14	**0.003**	**14**				
Sez Mundra			12.701	46238	**12.701**	**46238**				
Sez Wardha Power Ltd. Warora			0.078	404	**0.078**	**404**				
Sikka			0.027	145	**0.027**	**145**				
Tuticorin Sea			5.187	22884	**5.187**	**22884**	0.00166	36		
Visakhapatnam Sea	6.008	46586	9.419	36586	**15.427**	**83172**	0.12814	1543		
TOTAL	**43.715**	**337656**	**168.388**	**707586**	**212.103**	**1045241**	**3.29388**	**43806**	**0.00064**	**17**

Source: DGCI & S , KOLKATA

TABLE 5.6 : PORT WISE EXPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2014-15

(Quantity in Million Tonnes & Value in Million Rs.)

Port	Coking Coal		Non Coking Coal		**Total Coal**		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	**Quantity**	**Value**	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	**(6)**	**(7)**	(8)	(9)	(10)	(11)
Bagmara			0.003	14	**0.003**	**14**				
Banbasa,Champawat/Uttarakhand	0.000	0	0.000	0	**0.000**	**0**				
Bhollaganj			0.000	2	**0.000**	**2**				
Borsorah			0.151	667	**0.151**	**667**				
CFS Mulund					**0.000**	**0**	0.000	0		
Chasuapara			0.030	133	**0.030**	**133**				
Chengrabandha Rly. Station			0.084	428	**0.084**	**428**				
Chennai Sea					**0.000**	**0**			0.0000	0
Cochin Sea			0.000	1	**0.000**	**1**				
Dalu			0.005	22	**0.005**	**22**				
Dawki			0.020	87	**0.020**	**87**				
Delhi Air					**0.000**	**0**			0.0000	2
Ghajadanga			0.010	51	**0.010**	**51**	0.002	14		
Golokgans Rly. Stn			0.000	0	**0.000**	**0**				
Gouriphanta			0.040	75	**0.040**	**75**				
Hatisar (Deosiri)			0.004	37	**0.004**	**37**				
Hili (West)			0.035	161	**0.035**	**161**				
ICD Bangalore				0	**0.000**	**0**	0.000	0		
ICD Durgapur, WB					**0.000**	**0**	0.000	1		
ICD Hyderabad					**0.000**	**0**			0.0000	1
ICD Nagpur			0.000	1	**0.000**	**1**				
ICD Sabarmati			0.000	0	**0.000**	**0**	0.000	0		
Jaigaon			0.046	640	**0.046**	**640**	0.016	263		
Jogbani	0.000	1	0.015	81	**0.016**	**81**	0.001	6		
Kolkata Sea			0.000	0	**0.000**	**0**	0.000	8		
Kotwaligate (Mohedipur)			0.003	12	**0.003**	**12**				
LCS Fulbari	0.005	25	0.005	31	**0.010**	**55**				
Magdalla Port Sea			0.141	583	**0.141**	**583**				
Mahendraganj	0.002	13	0.015	81	**0.018**	**94**				
Mankachar			0.007	36	**0.007**	**36**				
Marmagoa Sea					**0.000**	**0**	0.000	11		
Mmundra	0.035	372	0.001	7	**0.036**	**380**	0.027	444	0.0000	0
Nautanwa (Sonauli)			0.062	431	**0.062**	**431**	0.033	223		
Nepalganj	0.000	1	0.025	159	**0.025**	**161**	0.001	8	0.0005	3
Newmangalore Sea					**0.000**	**0**			0.0017	22
Nhava Sheva Sea	0.000	0	0.000	2	**0.000**	**3**	0.001	14	0.0002	10
Old Raghna Bazar LCS (Tripura)			0.000	1	**0.000**	**1**				
Panitanki			0.308	2031	**0.308**	**2031**	0.008	49	0.0002	1
Paradip Sea			0.080	432	**0.080**	**432**				
Petrapole Land			0.000	2	**0.000**	**2**	0.001	12		
Pipavab(Vicyor)					**0.000**	**0**	0.001	8		
Raxaul Land			0.019	118	**0.019**	**118**	0.011	74	0.0001	1
Sutarkandi			0.087	456	**0.087**	**456**				
Tuticorin Sea	0.000	1	0.000	0	**0.000**	**1**	0.001	5		
TOTAL	**0.042**	**413**	**1.196**	**6784**	**1.238**	**7197**	**0.102**	**1140**	**0.0028**	**40**

Source: DGCI & S , KOLKATA

TABLE 6.1: SUMMARY OF COAL AND LIGNITE BLOCKS DURING 2014-15

Sector	End Use	Mode of Allotment	TILL 24/09/2014		AFTER 24/09/2014 TILL 31/03/2015	
			No of Blocks	Geological Reserves (Qty. in MT)	No of Blocks	Geological Reserves (Qty. in MT)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A. COAL BLOCKS						
Public Sector Undertakings	Power	Govt. dispensation	44	15914.638	18	3795.290
	Power	Captive dispensation				
		Sub total	**44**	**15914.638**	**18**	**3795.290**
	Commercial Mining	Govt. dispensation	32	7090.052	4	246.060
	Iron & Steel	Govt. dispensation	2	360.230	1	251.880
	Iron & Steel	Captive dispensation				
		Sub total	**2**	**360.230**	**1**	**251.880**
		PSU Total	**78**	**23364.920**	**23**	**4293.230**
Private Companies	Power	Captive dispensation	16	2576.870	5	466.130
	Power	Ultra Mega Power Project	12	4747.400	12	4747.400
		Sub total	**28**	**7324.270**	**17**	**5213.530**
	Iron & Steel	Captive dispensation	28	3495.426	12	810.181
	Cement	Captive dispensation	2	225.390	2	225.390
	Small and Isolated Patch (Commercial Mining)	Captive dispensation	2	9.340	2	9.340
	Coal to Oil	Captive dispensation				
		Pvt. Total	**60**	**11054.426**	**33**	**6258.441**
ALL INDIA	Power		72	23238.908		
	Iron & Steel		30	3855.656		
	Cement		2	225.390		
	Commercial Mining		34	7099.392		
	Coal to Oil					
		Grand Total	**138**	**34419.346**	**56**	**10551.671**

Sector	End Use	Mode of Allotment	No of blocks	Geological Reserves (Qty. in MT)
(1)	(2)	(3)	(4)	(5)
B. LIGNITE BLOCKS				
State PSU	Power	Govt. dispensation	10	1027.530
	Commercial	Govt. dispensation	9	462.400
	Subtotal		**19**	**1489.930**
Private	Power	Captive dispensation	5	99.500
	Commercial	Captive dispensation	1	7.800
	Subtotal		**6**	**107.300**
ALL INDIA	Power		15	1127.030
	Commercial		10	470.200
	Grand Total		**25**	**1597.230**

NOTE :

(1) Out of total 218 captive coal blocks, Hon'ble Supreme Court of India vide judgement dated 25th August, 2014 read with its order dated 24th September, 2014 has cancelled the allocation of 204 captive coal blocks (Schedule-I Coal Mines) as per the Coal Mines (Special Provisions) Ordinance, 2014 promulgated as the Coal Mines (Special Provisions) Act, 2015.

(2) Out of 204 Schedule-I coal mines, 42 coal mines have been considered under Schedule- II coal minesfor which 1st day of April, 2015 being the date on which the allocation of coal blocks to prior allottees shall stand camcelled, in pursuance of the order of the Hon'ble Supreme Court dated 24-09-2014 passed in Writ Petiton (Criminal) No. 120 of 2012.

(3) The above facys and figures are for 56 captive coal mines (14 stands allocated and 42 Schedule-II coal mines).

(4) GR quantities are GR value as available with this office and subject to change for few blocks with approval of mine plan.

Table 6.2: Yearwise and Sectorwise Allotment of Captive Coal Blocks (till 24/09/2014)

(GR in Million Tonnes)

Year of Allotment	Power		Ultra Mega Power Project		Iron & Steel		Govt. Commmercial		Private Comm & Cement		Coal to Oil		**Total**	
	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	**Coal Blocks (No.)**	**Geological Reserves**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1993	1	171.800											**1**	**171.800**
1994	1	22.550											**1**	**22.550**
1995	1	100.000											**1**	**100.000**
1996	1	100.000			3	484.215			2	9.340			**6**	**593.555**
1997													**0**	**0.000**
1998	3	375.207											**3**	**375.207**
1999					2	153.1835							**2**	**153.184**
2000					1	67.170							**1**	**67.170**
2001	1	562.000			1	24.260							**2**	**586.260**
2002	1	92.920											**1**	**92.920**
2003	10	317.590			4	427.169	2	322.120					**16**	**1066.879**
2004	4	1899.890											**4**	**1899.890**
2005	5	1557.090			11	1528.530	1	61.730					**17**	**3147.350**
2006	10	5815.008	6	1591.860	3	183.548	15	5274.616					**34**	**12865.032**
2007	11	3746.8632	1	916.520	3	240.580	12	1264.835	2	225.390			**29**	**6394.188**
2008	5	1337.410	1	100.000	1	241.000	1	110.000					**8**	**1788.410**
2009	1	137.000	3	1339.020	1	506.000							**5**	**1982.020**
2010			1	800.000									**1**	**800.000**
2011							1	56.7510					**1**	**56.751**
2012													**0**	**0.000**
2013*	5	2256.180											**5**	**2256.180**
2014	0	0.000											**0**	**0.000**
Total	**60**	**18491.508**	**12**	**4747.400**	**30**	**3855.656**	**32**	**7090.052**	**4**	**234.730**	**0**	**0.000**	**138**	**34419.346**

NOTE : Details of status of captive coal blocks during 2014-15 has been given as foot note under Table 6.1.

Table 6.3: Yearwise Allotment and Sectorwise Status of Captive Coal Blocks (from 24.09.2014 till 31.03.2015)

(GR in Million Tonnes)

Year of Allotment	Power		Ultra Mega Power Project		Iron & Steel		Govt. Commmercial		Private Comm & Cement		Coal to Oil		**Total**	
	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	**Coal Blocks (No.)**	**Geological Reserves**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1993	1	171.800											**1**	**171.800**
1994	1	22.550											**1**	**22.550**
1995	1	100.000											**1**	**100.000**
1996	1	100.000			3	484.215			2	9.340			**6**	**593.555**
1997													**0**	**0.000**
1998	2	178.860											**2**	**178.860**
1999					1	38.847							**1**	**38.847**
2000					1	67.170							**1**	**67.170**
2001	1	562.000			1	24.260							**2**	**586.260**
2002	1	92.920											**1**	**92.920**
2003	9	173.590			2	68.289	1	4.790					**12**	**246.669**
2004	1	1436.000											**1**	**1436.000**
2005	3	890.840			4	269.680	1	61.730					**8**	**1222.250**
2006			6	1591.860			1	123.540					**7**	**1715.400**
2007	2	532.860	1	916.520	1	109.600	1	56.000	2	225.390			**7**	**1840.370**
2008			1	100.000									**1**	**100.000**
2009			3	1339.020									**3**	**1339.020**
2010			1	800.000									**1**	**800.000**
2011													**0**	**0.000**
2012													**0**	**0.000**
2013													**0**	**0.000**
2014													**0**	**0.000**
2015													**0**	**0.000**
Total	**23**	**4261.420**	**12**	**4747.400**	**13**	**1062.061**	**4**	**246.060**	**4**	**234.730**	**0**	**0**	**56**	**10551.671**

Note: * Till March'2015 GR=Geological Reserves as estimated during allocation.

NOTE : Details of status of captive coal blocks during 2014-15 has been given as foot note under Table 6.1.

Table 6.4: Statewise and Sectorwise Status of Captive Coal Blocks during 2014-15

(GR in Million Tonnes)

State	Power		Ultra Mega Power Project		Iron & Steel		Govt. Commmercial		Private Comm & Cement		Coal to Oil		**Total**	
	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves	Coal Blocks (No.)	Geological Reserves
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
TILL 24/09/2014														
Arunachal Pradesh							1	4.79					**1**	**4.790**
Telangana	1	77.04											**1**	**77.040**
Chhattisgarh	13	4500.66	2	1113.67	6	484.55	9	2875.02					**30**	**8973.899**
Jharkhand	18	7494.65	2	1141.87	11	1220.51	6	571.00					**37**	**10428.023**
Maharashtra	6	156.91	1	100.00	7	110.10	1	24.18					**15**	**391.190**
Madhya Pradesh	2	613.55	3	706.86			8	1062.76	4	234.73			**17**	**2617.900**
Odisha	12	4978.74	4	1685.00	4	1424.90	1	898.50					**21**	**8987.134**
West Bengal	8	669.97			2	615.60	6	1653.80					**16**	**2939.370**
Total	**60**	**18491.51**	**12**	**4747.40**	**30**	**3855.66**	**32**	**7090.05**	**4**	**234.73**	**0**	**0.0**	**138**	**34419.346**
After 24.09.2014 Till 31.03.2015														
Arunachal Pradesh							1	4.79					**1**	**4.790**
Telangana													**0**	**0.000**
Chhattisgarh	4	711.72000	2	1113.67	5	377.3505							**11**	**2202.741**
Jharkhand	4	2700.270	2	1141.87	3	512.400							**9**	**4354.540**
Maharashtra	6	156.91	1	100.00	4	62.71							**11**	**319.620**
Madhya Pradesh			3	706.86			2	179.54	4	234.73			**9**	**1121.130**
Odisha	1	22.550	4	1685.00									**5**	**1707.550**
West Bengal	8	669.97			1	109.60	1	61.73					**10**	**841.300**
Total	**23**	**4261.420**	**12**	**4747.400**	**13**	**1062.06**	**4**	**246.060**	**4**	**234.73**	**0**	**0.0**	**56**	**10551.671**

NOTE : Details of status of captive coal blocks during 2014-15 has been given as foot note under Table 6.1.

Appendix - A

Concepts, Definitions and Practices

1. Coal: Coal is a combustible sedimentary rock formed from ancient vegetation which has been consolidated between other rock strata and transformed by the combined effects of microbial action, pressure and heat over a considerable time period. This process is commonly called 'coalification'. Coal occurs as layers or seams, ranging in thickness from millimeters to many tens of metres. It is composed mostly of carbon (50–98 per cent), hydrogen (3–13 per cent) and oxygen, and smaller amounts of nitrogen, sulphur and other elements. It also contains water and particles of other inorganic matter. When burnt, coal releases energy as heat which has a variety of uses.

2. Classification of Coal

2.1 Coal refers to a whole range of combustible sedimentary rock materials spanning a continuous quality scale. For convenience, this continuous series is often divided into two main categories, namely **Hard Coal** and **Brown Coal**. These are further divided into two subcategories as given below.

- **Hard Coal**
- Anthracite
- Bituminous coal
- Coking coal
- Other bituminous coal
- **Brown coal**
- Sub-bituminous coal
- **Lignite**

2.2 In practice, hard coal is calculated as the sum of anthracite and bituminous coals. Anthracite is a high-rank, hard coal used mainly for industrial and residential heat raising. Bituminous coal is a medium-rank coal used for gasification, industrial coking and heat raising and residential heat raising. Bituminous coal that can be used in the production of a coke capable of supporting a blast furnace charge is known as **coking coal**. Other bituminous coal, not included under coking coal, is also commonly known as **thermal coal**. This also includes recovered slurries, middling and other low-grade, higher-rank coal products not further classified by type.

2.3 Classifying different types of coal into practical categories for use at an international level is difficult because divisions between coal categories vary between classification systems, both national and international, based on calorific value, volatile matter content, fixed carbon content, caking and coking properties, or some combination of two or more of these criteria.

2.4 Although the relative value of the coals within a particular category depends on the degree of dilution by moisture and ash and contamination by sulphur, chlorine, phosphorous and certain trace elements, these factors do not affect the divisions between categories.

2.5 The International Coal Classification of the Economic Commission for Europe (UNECE) recognizes two broad categories of coal:

i) **Hard coal** – Coal of gross calorific value not less than 5700 kcal/kg (23.9 GJ/t) on an ash-free but moist basis and with a mean random reflectance of vitrinite of at least 0.6.

ii) **Brown coal** - Non-agglomerating coal with

a gross calorific value less than 5700 kcal/kg (23.9 GJ/t) containing more than 31% volatile matter on a dry mineral matter free basis.

2.6 It should be stressed that the above classification system is based on the inherent qualities of the coal in question and not on the final use of the coal. In this way the classification system attempts to be objective and simple to apply.

3. Classification of Coal in India

3.1 In India coal is broadly classified into two types – Coking and Non-Coking. The former constitute only a small part of the total coal resources of the country. These two are further subdivided as follows on the basis of certain physical and chemical parameter as per the requirement of the industry.

3.2 **Coking Coal:** Coking coal, when heated in the absence of air, form coherent beads, free from volatiles, with strong and porous mass, called coke. Coking coal has coking properties and is mainly used in steel making and metallurgical industries.

3.3 **Semi Coking Coal:** Semi Coking Coal, when heated in the absence of air, form coherent beads not strong enough to be directly fed into the blast furnace. Such coal is blended with coking coal in adequate proportion to make coke. Clearly, Semi Coking Coal has comparatively less coking properties than coking coal. It is mainly used as blendable coal in steel making, merchant coke manufacturing and other metallurgical industries.

3.4 **Non-Coking Coal:** Non-Coking Coal does not have coking properties and is mainly used for power generation. It is also used for cement, fertilizer, glass, ceramic, paper, chemical and brick manufacturing, and for other heating purposes.

3.5 **Washed Coal:** Processing of coal through water separation mechanism to improve the quality of coal by removing denser material (rocks) and high ash produces washed coal which has less ash, higher moisture, better sizing, better consistency, less abrasive, etc. The washed coking coal is used in manufacturing of hard coke for steel making. Washed non-coking coal is used mainly for power generation but is also used by cement, sponge iron and other industrial plants.

3.6 **Middlings and Rejects**: In the process of coal washing, apart from Clean Coal we also get two by-products, namely, Middlings and Rejects. Clean coal has low density whereas rejects have high density. Middlings have intermediate density. Rejects contain high ash, mineral impurities, fraction of raw coal feed, etc. and are used for Fluidized Bed Combustion (FBC) Boilers for power generation, road repairs, briquette (domestic fuel) making, land filling, etc. Middlings are fraction of raw coal feed having values of classificatory parameters between that of clan coals and rejects. It is used for power generation. It is also used by domestic fuel plants, brick manufacturing units, cement plants, industrial plants, etc.

3.7 **Hard Coke**: Solid product obtained from carbonaisation of coal, used mainly in the iron & steel industry.

4. Categorisation of Coal in India

4.1 In India, **coking coal** has been categorized or graded on the basis of ash content as per following scheme:

Grade	Ash Content
Steel Gr I	Ash content < 15%
Steel Gr II	15%< = Ash content <18%
Washery Gr.I	18%< = Ash content <21%
Washery Gr.II	21%< = Ash content < 24%
Washery Gr. III	24%< = Ash content < 28%
Washery Gr. IV	28%< = Ash content < 35%

4.2 In India, **semi coking coal** has been categorized or graded on the basis of ash and moisture content as per following scheme:

Grade	Ash + Moisture content
Semi coking Gr. I	less than 19%
Semi coking Gr. II	Between 19% and 24%

4.3 In India, **non-coking coal** had been categorized or graded on the basis of Useful Heat Value (UHV) as per following scheme:

Grade	Useful Heat Value
A	UHV.> 6200 kCal/Kg
B	6200 >=UHV(KCal/Kg)>5600
C	5600 >=UHV(KCal/Kg)>4940
D	4940 >=UHV(KCal/Kg)>4200
E	4200 >=UHV(KCal/Kg)>3360
F	3360 >=UHV(KCal/Kg)>2400
G	2400 >=UHV(KCal/Kg)>1300

N.B 1: "Useful heat value" is defined as:

$$UHV = 8900 - 138 (A + M)$$

Where UHV = Useful heat value in kCal/kg,
A = Ash content (%), M = Moisture content (%).

N.B 2: In the case of coal having moisture less than 2 percent and volatile content less than 19 percent the useful heat value shall be the value arrived as above reduced by 150 kilo calories per kilogram for each 1 percent reduction in volatile content below 19 percent fraction pro-rata.

N.B 3: Both moisture and ash is determined after equilibrating at 60 percent relative humidity and 40 degree C temperature.

N.B 4: Ash percentage of coking coals and hard coke shall be determined after air drying as per IS1350 -1959. If the moisture so determined is more than 2 per cent, the determination shall be after equilibrating at 60 percent relative humidity at 40 degree C temperature as per IS : 1350 - 1959.

4.4 In order to adopt the best international practices, India decided to switch over from the grading based on Useful Heat Value (UHV) to the grading based on Gross Calorific Value (GCV) and therefore on 16.01.2011 the Ministry of Coal notified the switch over. As per the new system, following nomenclature has been introduced for gradation of **non-coking coal.**

Grades	**GCV Range (Kcal/Kg)**
G1	GCV exceeding 7000
G2	GCV between 6701 and 7000
G3	GCV between 6401 and 6700
G4	GCV between 6101 and 6400
G5	GCV between 5801 and 6100
G6	GCV between 5501 and 5800
G7	GCV between 5201 and 5500
G8	GCV between 4901 and 5200
G9	GCV between 4601 and 4900
G10	GCV between 4301 and 4600
G11	GCV between 4001 and 4300
G12	GCV between 3700 and 4000
G13	GCV between 3400 and 3700
G14	GCV between 3101 and 3400
G15	GCV between 2801 and 3100
G16	GCV between 2501 and 2800
G17	GCV between 2201 and 2500

4.5 Based on the GCV ranges of proposed gradation and erstwhile gradation, a concordance table is generated for better understanding. However, it may be noted that this concordance does not depict exact one-to-one relation between the two systems.

Table 5: Concordance Table

Old Grading based on UHV	New Grading based on GCV
A	G1
	G2
	G3
B	G4
	G5
C	G6
D	G7
	G8
E	G9
	G10
F	G11
	G12
G	G13
	G14
Non-coking Coal Ungraded	G15
	G16
	G17

5 Some General Concepts

5.1 **Run-of-mine (ROM) coal**: The coal delivered from the mine to the Coal Preparation Plant (CPP) is called run-of-mine (ROM) coal. This is the raw material for the CPP and consists of coal, rocks, middlings, minerals and contamination. Contamination is usually introduced by the mining process and may include machine parts, used consumables and parts of ground engaging tools. ROM coal can have a large variability of moisture and particle size.

5.2 **Opencast Mining:** Open-pit mining, open-cut mining or opencast mining is a surface mining technique of extracting rock or minerals from the earth by their removal from an open pit or borrow. This form of mining differs from extractive methods that require tunneling into the earth such as long wall mining. Open-pit mines are used when deposits of commercially useful minerals or rock are found near the surface; that is, where the overburden (surface material covering the valuable deposit) is relatively thin or the material of interest is structurally unsuitable for tunneling (as would be the case for sand, cinder, and gravel). For minerals that occur deep below the surface - where the overburden is thick or the mineral occurs as veins in hard rock - underground mining methods extract the valued material.

5.3 **Underground Mining of Coal**: It refers to a group of underground mining techniques such as Longwall Mining, Room-And-Pillar Mining, etc. used to extract coal from sedimentary ("soft") rocks in which the overlying rock is left in place, and the mineral(coal) is removed through shafts or tunnels.

5.4 **Despatch and Off-take**: The term "Despatches" (say, of raw coal) is used in this compilation to mean all the despatches to different sectors but exclude collieries' own consumption (boiler coal used in collieries and supply to employee). On the other hand "Off-take" means total quantity of raw coal lifted for consumption and naturally includes colliery consumption. Therefore,

Off-take = Despatches + Colliery Consumption

5.5 **Change of Stock**: Change of Stock means the difference between opening and closing stock of an item.

5.6 **Pit-Head Stock:** The term "Pit-head Closing Stock" of raw coal is used in this compilation to mean all the raw coal stock at pit- head of collieries.

5.7 **Pit-head Value**: Pit-head Value of coal is the value of coal at pit-head of the colliery. It is computed on the basis of basic price and

therefore it does not involve any cost of loading, transportation from pit-head, Cess, Royalty, Sales tax, Stowing Excise Duty etc. This approach is followed by all non-captive coal companies, viz., CIL Subsidiaries, Singareni Collieries Companies Ltd. (SCCL), Jharkhand State Mineral Development Corporation Ltd. (JSMDCL) and Jammu & Kashmir Mineral Ltd. (JKML).

5.7.1 In case of captive collieries, pit-head value of coal depends upon their accounting policy. If the costing of coal is done on no-profit-no-loss basis then pit-head value is calculated accordingly. This practice is found to be followed in captive collieries of public sector units.

5.7.2 On the other hand, if the captive colliery is treated as independent commercial unit then pit-head value is calculated on the basis of unit value of realisation, which includes cost price and profit/loss per unit but excludes any transportation cost from pit-head, Cess, Royalty, Sales tax, Stowing Excise Duty etc. This is particularly followed in private captive colliery which is in contract to supply coal to any priority sector for which captive colliery is permitted (Steel, Iron, Power, Cement, etc.).

5.7.3 Even there are private sector collieries being managed by the parent company engaged in manufacturing of Steel and Iron, Power, Cement for which captive collieries are allowed. Due to non-availability of value figures from these companies, pit-head value of coal is determined on the basis of nearest Coal India Subsidiary price rate considering comparable grade and location. Though this may not be a correct price and would not depict a true picture, yet we use it because this is one of the acceptable estimates.

5.7.4 While using value data it is to be kept in mind that these data are useful for macro-level study or trend study. However, the quality of coal has been deteriorating over the years, quite inversely proportional to the open cast production share in the total production. Thus the comparison of unit value over the years would not reflect correct picture of inflation until this deteriorating effect of quality is not considered and that effect is removed.

5.7.5 It may be concluded that, in India, unit value (Rs.) of coal in terms per kilo calorie useful heat value has been increasing more rapidly than being exhibited by simple unit value comparison over the years.

6. Commodity Classification

6.1 For export import data, the 8-digit codes of Indian Trade Classification (based on Harmonised Coding System) have been adopted by DGCI&S in classifying the various grades of coal and coal products. For Coking coal the only 8-digit code is "27011910" and all other codes of coal are taken as non-coking coal (Mainly pertains to remaining part of 2701, some parts of 2702 & 2703). Similarly all items in 2704 group have been taken under coke. The effect of retort carbon is negligible and included under coke.

ABBREVIATIONS

COAL COMPANIES:

ECL	Eastern Coalfields Limited (Coal India Ltd. Subsidiary) -Public - Non Captive
BCCL	Bharat Coking Coal Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
CCL	Central Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
NCL	Northern Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
WCL	Western Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
SECL	South Eastern Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
MCL	Mahanadi Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
NEC	North Eastern Coalfields (Coal India Ltd. Subsidiary) - Public - Non Captive
SCCL	Singareni Collieries Company Limited - Public - Non Captive
JKML	Jammu & Kashmir Minerals Limited - Public - Non Captive
JSMDCL	Jharkhand State Mineral Development Corporation Limited - Public - Non Captive
DVC	Damodar Valley Corporation - Public - Non Captive
DVC EMTA	DVC Emta Coal Mines Limited - Public - Captive
IISCO	Indian Iron & Steel Company Limited - Public - Non Captive
SAIL	Steel Authority of India Limited - Public - Captive
APMDTCL	Arunachal Pradesh Mineral Development & Trading Corp. Ltd. - Public - Non Captive
WBPDCL	West Bengal Power Development Corporation Limited - Public - Captive
RRVUNL	Rajasthan Rajya Viddyut Unnayan Nigam Limited - Public - Captive
KECML	Karnataka Emta Coal Mines Limited - Public - Captive
WBMDTCL	West Bengal Mineral Deveplopment and Trading Corpopration Limited - Public - Captive
PSEB/PANEM	Panjab State Electricity Board/Panem Coal Mines Limited - Public - Captive
MPSMCL	Madhya Pradesh State Mineral Corporation Limited
ICML	Integrated Coal Mining Limited - Private - Captive
JSPL	Jindal Steel & Power Limited - Private - Captive
TISCO	Tata Iron & Steel Company Limited - Private - Non Captive
HIL	Hindalco Industries Limited - Private - Captive
BLA	BLA Industries Limited - Private - Captive
MIEL	Monnet Ispat & Energy Limited - Private - Captive
PIL	Prakash Industries Limited - Private - Captive
JNL	Jayswal Neco Limited - Private - Captive
JPL	Jindal Power Open Cast Coal Mine - Private - Captive
SIL	Sunflag Iron & Steel Company Limited - Private - Captive
ESCL	Electro Steel Casting Limited - Private - Captive
UML	Usha Martin Limited - Private - Captive
SEML	Sarda Energy & Minarals Limited - Private - Captive
BSIL	B. S. Ispat Limited - Private - Captive
TUML	Topworth Urja and Minerals Limited - Private - Captive
SPL	Sasan Power Limted - Private - Captive
SOVA	Sova Ispat Limited - Private - Captive

LIGNITE COMPANIES:

NLC	Neyveli Lignite Corporation Limited - Public - Non Captive
GIPCL	Gujarat Industries Power Company Limited - Public - Captive
GMDCL	Gujarat Mineral Development Corporation Limited - Public - Non Captive
GHCL	Gujarat Heavy Chemical Limited - Private - Captive
RSMML	Rajasthan State Mines and Mineral Limited - Public - Non Captive
VS LIGNITE	V. S Lignite Power Limited - Private - Captive
BLMCL	Barmer Lignite Mining Company Limited - Private - Captive

O.C.	OPEN CAST
U.G.	UNDER GROUND
OBR	Over Burden Removal