



# **PROVISIONAL COAL STATISTICS 2018-19**

**GOVERNMENT OF INDIA  
MINISTRY OF COAL  
COAL CONTROLLER'S ORGANISATION  
KOLKATA**

## **Provisional Coal Statistics 2018-19**

Any suggestions for improvement are most welcome  
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## 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. To meet the immediate requirement, "**Provisional Coal Statistics 2018-19**" 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.

Kolkata  
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( Anjani Kumar )  
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# 1

# Historical Perspective





# Highlights

## (A) Production

In the year 2018-19, total production of raw coal in India was 728.718 MT whereas it was 675.400 MT in 2017-18, showing a growth of 7.89% over the previous year. In the year 2018-19, production of lignite was 44.283 MT against 46.644 MT in 2017-18, showing a negative growth of 5.06% over the year 2017-18. [Ref : table 2.1]

- The contribution of public sector and private sector in the production of raw coal in 2018-19 was as follows: [Ref : table 2.10]

Production of Raw Coal in 2018-19 (MT)			
Sector	Coking	Non Coking	<b>Total Coal</b>
Public	34.586	660.397	<b>694.983</b>
Private	6.546	27.189	<b>33.735</b>
<b>All India</b>	<b>41.132</b>	<b>687.586</b>	<b>728.718</b>

- In the year 2018-19, production of coking coal was 41.132 MT whereas it was 40.148 MT in 2017-18, showing an increase of 2.45% over the previous year. In 2018-19, production of non-coking coal was 687.586 MT against 635.252 MT in 2017-18, showing a growth of 8.24% over the previous year 2017-18. [Ref Table: 2.10].
- In the year 2018-19, production of washed coal (coking) was 5.570 MT against 5.753 MT in 2017-18, thus decreased by 3.2% over 2017-18. In 2018-19, production of middling (coking) was 3.502 MT against 3.670 MT in 2017-18, thus decreased by 4.6% over 2017-18. [Ref Table: 2.3]
- In the year 2018-19, Chhattisgarh registered highest coal production of 161.893 MT (22.2%) followed by Odisha 144.312 MT (19.8%), Jharkhand 134.666 MT (18.5%) and Madhya Pradesh 118.661 MT (16.3%). In 2018-19, Tamil Nadu was the largest producer of lignite and produced 23.041 MT (52.0%) followed by Gujarat 12.565 MT (28.4%) and Rajasthan 8.677 MT (19.6%). [Ref Table: 2.6 & 2.7]
- In the year 2018-19, Coal India Limited produced 606.887 MT (83.3%) and SCCL 64.401 MT (8.8%) of coal. In that year main producer of lignite was Neyveli Lignite Corporation and produced 24.250 MT (54.8%). [Ref Table: 2.10]
- Like previous years in the year 2018-19, Jharkhand was the highest producer of coking coal and produced 39.641 MT which was 96.4% of total coking coal production of 41.132 MT. As the highest non-coking coal producing state, Chhattisgarh produced 161.646 MT (23.5%) followed by Odisha 144.312 MT (21.0%) and Madhya Pradesh 118.473 (17.2%). [Ref Table: 2.8]

7. In the year 2018-19, 94.17% of coal production in India was from opencast mines (686.212 MT) and the rest 5.83% was from underground mines (42.506 MT). [Ref Table:-2.15]. SECL was the highest producer of coal from underground mines and produced 14.773 MT (34.76%) followed by SCCL 9.178 MT (21.59%) and ECL 9.061 MT (21.32%). [Ref Table: 2.16]
8. Productivity (OMS) of opencast mines in 2018-19 was 15.20 Tonnes for CIL and 16.95 Tonnes for SCCL. OMS for underground mines of CIL was 0.95 Tonnes and for SCCL it was 1.39 Tonnes. OMS is the output measured in tonnes per unit of man-shift. [Ref table: 2.18]
9. Overall stripping ratio for the year 2018-19 was 2.56. Stripping ratio is defined as the ratio of over burden removal to coal produced in open cast mining. [Ref table 2.19]

### **(B) Despatch**

1. In the year 2018-19, despatch of indigenous raw coal was 732.794 MT against 690.003 MT in 2017-18, thus increased by 6.20% over 2017-18. In this year despatch of lignite was 45.811 MT against 46.317 MT in 2017-18, decreased by 1.09% over 2017-18. [Ref table : 3.1]
2. The contribution of public sector and private sector in the dispatch of raw coal in 2018-19 was as follows: [Ref table : 3.8]

Despatch of Raw Coal in 2018-19 (MT)			
Sector	Coking	Non-coking	<b>Total Coal</b>
Public	36.757	662.162	<b>698.919</b>
Private	6.561	27.314	<b>33.875</b>
<b>All India</b>	<b>43.318</b>	<b>689.476</b>	<b>732.794</b>

3. In the year 2018-19, despatch of coking coal decreased from 45.380 MT in 2017-18 to 43.318 MT in 2018-19, showing a decrease by 4.54% in 2018-19. [Ref: Table 3.8]
4. In the year 2018-19, despatch of non-coking coal was 689.476 MT whereas it was 644.623 MT in 2017-18, thus increased by 6.96% over 2017-18. [Ref table : 3.8]
5. In the year 2018-19, despatch of washed coal (coking) was 5.552 MT against 5.778 MT in 2017-18, decreased by 3.91% over 2017-18. In 2018-19, despatch of middling (coking) was 3.856 MT against 4.071 MT in 2017-18, decreased by 5.28% over 2017-18. [Ref table : 3.3]
6. In the year 2018-19, major quantity of coal was despatched from Chhattisgarh 159.984 MT (21.83%) followed by Odisha 142.464 MT (19.44%), Jharkhand 136.061 MT (18.57%), Madhya Pradesh 103.404 MT (14.11%) and Telangana 68.426 MT (9.34%). [Ref table : 3.6]
7. In case of lignite despatch, Tamil Nadu had the highest share of 24.510 MT (53.5%) followed by Gujarat 12.554 MT (27.4%) and Rajasthan 8.747 MT (19.09%). [Ref table : 3.7]
8. Out of the total despatch of raw coal in the year 2018-19, despatch of CIL was 607.953 MT (83.0%) and SCCL 67.669 MT (9.2%). Among the other PSUs, maximum coal was despatched by RRVUNL 15.000 MT. Despatch of coal from private sector was 33.875 MT in which SPL had the largest share of 18.001 MT followed by TSL 6.561 MT. [Ref table : 3.8]

9. Power Sector continued to be the largest user of coal. In 2018-19, coal despatched to power sector was 637.949 MT (87.0%) compared to 576.19 MT in 2017-18. In 2018-19, other than power sector coal was mainly dispatched to steel sector 17.365 MT, Cement 8.817 MT, Sponge Iron 12.231 MT etc. details are available in table 3.14.

### **(C) Pit Head Closing Stock**

1. Pit-head closing stock of raw coal at the end of 2018-19 was 57.640 MT against 62.043 MT at the end of 2017-18. Closing Stock of lignite at the end of 2018-19 was 5.672 MT whereas it was 7.210 MT at the end of 2017-18. Out of total closing stock at the end of 2018-19, share of public sector was 56.776 MT. [Ref table: 4.3]

### **(D) Import and Export**

1. In the year 2018-19, total import of coal was 235.24 MT compared to 208.273 MT in 2017-18, thus increased by 12.9% over 2017-18. In 2018-19, import of coking coal was 51.838 MT whereas it was 47.003 MT in 2017-18, increased by 10.3% over 2017-18. Import of non-coking coal was 183.402 MT in 2018-19 compared to 161.269 MT in 2017-18, increased by 13.7% over 2017-18. [Ref table : 5.1]
2. In the year 2018-19, coal was mainly imported from Indonesia (112.773MT), Australia (48.166MT), South Africa (31.153 MT), USA (14.976 MT), Russia (4.921MT) and Mozambique (7.092 MT) [Ref table : 5.3]
3. In the year 2018-19, so far port wise import of coal was concerned, import was mainly through Mundra (24.2 MT), Krishnapatnam (21.885 MT), Paradip Sea (18.827 MT), Gangavaram (18.331 MT), Kandla Sea (14.86 MT), Vishakhapatnam (14.947 MT), Kolkata Sea (13.470 MT), etc. [Ref table : 5.5]
4. In the year 2018-19, export of coal was 1.313 MT compared to 1.503 MT in 2017-18. Coal was mainly exported to Nepal (0.857 MT) and Bangladesh (0.376 MT). [Ref table : 5.4]
5. Coal was mainly exported through Panitanki (0.313606 MT) Borsorah port (0.173142 MT). [Ref table :5.6]

### **(E) Captive Coal Block**

In the year 2018-19, the total production of raw coal from captive coal blocks in India was 54.852 MT compared to 41.620 MT in 2017-18. In 2018-19, despatch of coal from captive coal blocks was 50.448 MT compared to 41.821 MT in 2017-18. [Ref table 2.12 and 3.10]

### **(G) Geological Coal Reserve**

As per Geological Survey of India, geological reserves of coal in India as on 01.04.2019 was 3,26,496 Million Tonnes. The type wise break-up of coal reveals that reserve of coking coal (prime, medium and semi-coking) was 35,005 Million Tonnes and non-coking coal was 2,91,492 Million Tonnes.

Total coal extracted since 1950 up to 2018-19 was around **15845.939** Million Tonnes.

## Introductory Note

1.1 Provisional Coal Statistics 2018-19 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 2018-19, the coal statistics has been termed as provisional. However, to provide a glimpse of the variation between the provisional statistics and the final one, present below the corresponding figures for last five years along with the provisional figures for 2018-19.

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
2012-13	Provisional	51.834	505.873	557.707	46.598	55.212	514.555	569.767	46.312
	Final	51.582	504.82	556.402	46.453	55.859	511.277	567.136	46.313
	Change (F-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
	Final	56.818	508.947	565.765	44.271	58.464	513.596	572.06	43.897
	Change (F-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	607.63	46.941
	Final	57.446	551.733	609.179	48.27	56.438	547.334	603.772	46.954
	Change (F-P)	-0.01%	-0.59%	-0.53%	0.03%	-0.31%	-0.67%	-0.63%	0.03%
2015-16	Provisional	60.887	578.347	639.234	43.843	59.213	572.956	632.169	42.212
	Final	60.887	578.343	639.23	43.842	59.213	573.229	632.442	42.211
	Change (F-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.04%	0.00%
2016-17	Provisional	61.661	601.131	662.792	45.230	59.545	590.774	650.319	43.155
	Final	61.661	596.207	657.868	45.230	59.308	586.670	645.978	43.155
	Change (F-P)	0.00%	-0.82%	-0.74%	0.00%	-0.40%	-0.69%	-0.67%	0.00%
2017-18	Provisional	40.147	635.253	675.400	46.255	45.380	642.451	687.831	45.929
	Final	40.148	635.252	675.400	46.644	45.38	644.623	690.003	46.317
	Change (F-P)	0.00%	0.00%	0.00%	0.84%	0.00%	0.34%	0.32%	0.84%
2018-19	Provisional	41.132	687.586	728.718	44.283	43.318	689.476	732.794	45.811
	Final								
	Change (F-P)								
N.B12:	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 2018-19, apart from providing data on production, despatch and stock of coal and lignite in India for the year 2018-19 also provides data on coal reserves in India as on 01-04-2019, import and export of coal, performance of captive mining etc. during 2018-19.

1.4 In this report of 2018-19, like previous years, specific information has been provided regarding performance of captive coal blocks so far production, despatch and closing stock are concerned. Segregation has been made between the coal blocks in public sector and private sector on the basis of the original allotment made between public sector and private sector. Performance of coal blocks so far production, despatch and closing stock is concerned is shown in the corresponding tables of this publication.

1.5 As the purpose of the publication of the Provisional Coal Statistics 2018-19 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

1.6 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	01/04/2017 *	1,43,058	1,39,311	32,779	<b>3,15,148</b>
	01/04/2018 *	1,48,787	1,39,164	31,069	<b>3,19,020</b>
	01/04/2019 *	1,55,614	1,40,501	30,381	<b>3,26,496</b>
Lignite	01/04/2017	6,541	26,014	12,143	<b>44,698</b>
	01/04/2018	6,541	26,389	12,734	<b>45,664</b>
	01/04/2019	6,788	26,237	12,734	<b>45,759</b>

\* Including Sikkim. 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

1.7 In the year 2018-19, coal production in India reached 728.718 MT and registered a growth of 7.89% over the last year. During this

period production of lignite reached 44.283 MT registering a negative growth of 5.06% over the last year. Statement 3A shows domestic production of coal in 2018-19 by Public and Private Sectors.

Statement 3(A): Coal Production in India by Company			
Company	Coal Production (2018-19) [MT]		
	Coking	Non-coking	Total
CIL	34.143	572.744	<b>606.887</b>
SCCL	-	64.401	<b>64.401</b>
Other Public	0.443	23.252	<b>23.695</b>
Total Public	34.586	660.397	<b>694.983</b>
Total Private	6.546	27.189	<b>33.735</b>
<b>All India</b>	<b>41.132</b>	<b>687.586</b>	<b>728.718</b>

1.8 It can be seen that Coal India Limited alone accounted for 83.3% of coal production in the country and share of SCCL was 8.84%. Share of public sector was 95.4% and that of private sector was 4.6%. 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 all India coal production were SECL (21.6%), MCL (19.8%) and NCL (13.9%). These three subsidiary companies of CIL collectively accounted for 55.3% of total coal production at all India level and 66.4% of production by CIL group.

Statement 3(B): Coal Production in India by CIL Subsidiary wise coal production			
Company	Coal Production (2018-19) [MT]		
	Coking	Non-coking	Total
ECL	0.029	50.131	<b>50.160</b>
BCCL	24.339	6.700	<b>31.039</b>
CCL	9.340	59.381	<b>68.721</b>
NCL	0.000	101.503	<b>101.503</b>
WCL	0.188	52.992	<b>53.180</b>
SECL	0.247	157.102	<b>157.349</b>
MCL	0.000	144.151	<b>144.151</b>
NEC	0.000	0.784	<b>0.784</b>
<b>CIL</b>	<b>34.143</b>	<b>572.744</b>	<b>606.887</b>

1.9 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 (94.36%). and 5.64% was coking coal.

1.10 From Table 2.2 it can be seen that in the year 2018-19 production of coking coal increased by 2.45% over the year previous year 2017-18

and non-coking coal production increased by 8.24% over the previous year.

1.11 Statement 4 shows coal production in India during 2018-19 by states. It may be observed that the four major states were Chhattisgarh (22.2%), Odisha (19.8%), Jharkhand (18.5%) and Madhya Pradesh (16.3%). These four states together contributed about 76.8% of the total coal production in the country.

Statement 4: Coal Production in India by State			
States	Coal Production (2018-19) [MT]		
	Coking	Non Coking	Total
Arunachal Pradesh		0	<b>0</b>
Assam		0.784	<b>0.784</b>
Chhattisgarh	0.247	161.646	<b>161.893</b>
Jammu & Kashmir		0.013	<b>0.013</b>
Jharkhand	39.641	95.025	<b>134.666</b>
Madhya Pradesh	0.188	118.473	<b>118.661</b>
Maharashtra		49.818	<b>49.818</b>
Meghalaya		0.000	<b>0.000</b>
Odisha		144.312	<b>144.312</b>
Telangana		65.160	<b>65.160</b>
Uttar Pradesh		20.275	<b>20.275</b>
West Bengal	1.056	32.080	<b>33.136</b>
<b>All India</b>	<b>41.132</b>	<b>687.586</b>	<b>728.718</b>

1.12 Considering coal production from the technology point of view then it can be seen from Table 2.15 that in the year 2018-19 production from opencast mining was 686.212 MT which accounted for 94.17% of the total coal production and the rest 42.506 MT i.e. 5.83% was from the underground mining. 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 89.0% in 2009-10 to 94.17% in 2018-19.



1.13 It can be seen from Table 2.3 that production of coal products increased from 37.291 MT in the year 2017-18 to 40.878 MT in the year 2018-19. Out of total coal products in 2018-19, production of washed coal (coking) was 5.570 MT and washed coal (non-coking) was 19.363 MT.

1.14 Table 2.13 and 2.14 show details of coal production by type (coking and non-coking) and grade by each company for the year 2018-19.

1.15 Stripping Ratio defined as the ratio of OBR (over burden removal) 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 the year 2018-19, the stripping ratio at all India level was 2.56, the corresponding figure for the year 2017-18 was 2.74. Stripping ratio of CIL for 2018-19 was 2.02 and 2.19 in the year 2017-18. In the year 2018-19, stripping ratio for the public sector as a whole was 2.04 and for the private sector it was 4.96. In case of CIL companies, NEC reported the highest stripping ratio of 10.84 against coal production (OC) of 0.784 MT whereas MCL reported the lowest stripping ratio of 0.91 against coal production (OC) of 143.280 MT.

1.16 Output per man shift (OMS) is one of the measures of efficiency in coal production. Statement 5 shows OMS in respect of type of mines i.e. OC and UG for the year 2017-18 and 2018-19 for two major players in the public sectors namely CIL and SCCL. From Table 2.17 it can be seen that OMS for CIL in respect of open cast mining has shown an increasing trend in last ten years which increased from 9.48 in 2009-10 to 15.35 in 2015-16 and decreased thereafter to 15.20 in 2018-19. In case of SCCL it increased from 10.71 in 2009-10 to 13.26 in 2011-12 and thereafter dropped to 11.10 in 2013-14. However, it showed upward trend again to 13.85 in 2016-17 and 16.95 in 2018-19. Further details on the issue can be seen from the table 2.18.

Type of Mining	Company	Year	
		2017-18	2018-19
OC	CIL	13.15	15.20
	SCCL	13.73	16.95
UG	CIL	0.86	0.95
	SCCL	1.08	1.39
<b>Overall</b>	<b>CIL</b>	<b>7.44</b>	<b>8.67</b>
	<b>SCCL</b>	<b>4.89</b>	<b>6.22</b>

1.17 In Table 2.1 it is shown that production of lignite in the year 2018-19 was 44.283 MT whereas it was 46.644 MT in 2017-18 showing a negative growth of 5.06% over the previous year. It can also be seen that while coal production registered an increase of 37.0% in the year 2018-19 in comparison to the year 2009-10, the corresponding increase in lignite production was 30.0%. Statement 6 shows production of lignite by different companies in 2017-18 and 2018-19. In the year 2018-19, three major producing companies with share in total production were NLC (54.76%), GMDCL (20.69%) and BLMCL (13.20%).

Company	2017-18	2018-19
NLC	25.153	24.250
GMDCL	10.212	9.160
GIPCL	3.123	3.312
RSMML	1.019	1.318
GHCL	0.057	0.093
VS LPPL	0.426	0.305
BLMCL	6.265	5.845
<b>ALL INDIA</b>	<b>46.255</b>	<b>44.283</b>

## Despatch

1.18 In the year 2018-19, despatch of raw coal was 732.794 MT against 690.003 MT in the year 2017-18, thus resulting a growth of 6.20% over the previous year.

1.19 Statement 7 shows despatch of coal by different companies in the year 2018-19. It can be seen that Coal India Limited alone accounted for 82.96% of overall coal despatch in the country, while share of SCCL in coal despatch was 9.23%. The contribution of the private sector was 4.62%. In CIL group of companies, share of SECL in all India coal despatch during 2018-19 was 21.29%, MCL 19.42% and NCL 13.86%. These three subsidiary companies of CIL collectively accounted for 54.57% of raw coal despatch in all India level.

Company	Coal Despatch (2018-19) [MT]		
	Coking	Non-coking	Total
ECL	0.026	50.198	<b>50.224</b>
BCCL	25.726	7.356	<b>33.082</b>
CCL	10.117	58.328	<b>68.445</b>
NCL		101.574	<b>101.574</b>
WCL	0.196	55.354	<b>55.550</b>
SECL	0.249	155.772	<b>156.021</b>
MCL		142.303	<b>142.303</b>
NEC		0.754	<b>0.754</b>
<b>CIL</b>	<b>36.314</b>	<b>571.639</b>	<b>607.953</b>
SCCL		67.669	<b>67.669</b>
<b>Other Public</b>	0.443	22.854	<b>23.297</b>
<b>Total Public</b>	<b>36.757</b>	<b>662.162</b>	<b>698.919</b>
<b>Total Private</b>	<b>6.561</b>	<b>27.314</b>	<b>33.875</b>
<b>ALL INDIA</b>	<b>43.318</b>	<b>689.476</b>	<b>732.794</b>

1.20 Statement 8 shows details of off-take of raw coal in India in the year 2018-19 by different sectors of economy. Analysis of total off-take by different sector shows that power sector accounted for 87.03% of total raw coal off-take. Further details are shown in Table 3.14.

Sector	Off-take [MT]
Power (Utility)	546.170
Power (Captive)	91.779
Steel	17.365
Steel (Boilers)	0.297
Cement	8.817
Fertilizers	1.789
Sponge Iron	12.231
Other basic-Metal	1.097
Chemical	0.251
Pulp & Paper	1.637
Textiles & Rayons	0.204
Bricks	0.093
Others	51.064
<b>Total Despatches</b>	<b>732.794</b>
Colliery Consumption	0.219
<b>Total off-take</b>	<b>733.013</b>

1.21 Table 3.11 and 3.12 show details of coal despatch by type (coking and non-coking) and grade of coal by each company during the year 2018-19

1.22 From Statement 9 it can be seen that despatch as well as off-take of lignite in the year 2018-19 was 45.811 MT. Like coal, lignite was mainly despatched to power sector and share was 82.23% of total off-take. Besides this lignite was despatched to other sectors also as shown in the statement below.

Sector	Off-take (2018-19) [MT]
Power (Utility)	22.790
Power (Captive)	14.879
Steel	0.094
Cement	1.498
Fertiliser	0.001
Other Basic Metal	0.004
Chemical	0.328
Pulp & Paper	0.603
Textiles & Rayons	2.558
Bricks	0.634
Others	2.374
<b>Total Despatch</b>	<b>45.811</b>
Colliery Consumption	0
<b>Total Off-take</b>	<b>45.811</b>

## Pit Head Closing Stock

1.23 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 31-03-2019 of coal and lignite was 57.640 MT and 5.672 MT respectively.

1.24 Statement 10 provides trend for last ten years for pit head closing stock of coal and lignite. It can be seen that in case of coal pit-head closing stock has been increasing over the years from the year 2009-10 till 2011-12, however, for the year 2012-13 and 2013-14, it showed decreasing trend. Thereafter it again showed increasing trend till 2016-17 and decreased again in 2017-18 and 2018-09. In case of lignite, closing stock has been showing upward trend since the year 2009-10.

Statement 10: Pit Head Closing Stock of Coal and Lignite in India in last ten years.		
Year	Pit Head Closing Stock [MT]	
	Raw Coal	Lignite
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	59.389	3.176
2015-16	65.361	4.809
2016-17	76.889	6.883
2017-18	62.043	7.210
2018-19	57.640	5.672

1.25 Statement 11 shows pit head closing stock of coal of CIL- subsidiaries, SCCL and others as on 31-03-2018 and 31-03-2019. It can be seen that in 2018-19, CIL registered a decrease of 7.09% in its Pit head closing stock of coal. In the CIL Group, there was significant decline in closing stock in case of BCCL and WCL whereas there was significant increase of closing stock in

SECL. There was also significant decline of closing stock in case SCCL and private sector. Further details on this aspect may be seen from Tables 4.1 to 4.3.

Statement 11: Company wise Pit Head Closing Stock (MT) of Coal in India		
Company	As on	
	31-03-2018	31-03-2019
(1)	(2)	(3)
<b>COAL :</b>		
ECL	2.496	2.249
BCCL	5.416	3.416
CCL	13.469	13.745
NCL	3.441	3.370
WCL	11.614	9.240
SECL	7.947	9.265
MCL	11.178	12.906
NEC	0.069	0.100
<b>CIL</b>	<b>55.630</b>	<b>54.291</b>
SCCL	4.921	1.609
Others Public	0.480	0.876
<b>Total Public</b>	<b>61.031</b>	<b>56.776</b>
<b>Total Private</b>	<b>1.012</b>	<b>0.864</b>
<b>ALL INDIA</b>	<b>62.043</b>	<b>57.640</b>
<b>LIGNITE :</b>		
Statement 12: Company wise Pit Head Closing Stock (MT) of Lignite in India		
	As on	
	31-03-2018	31-03-2019
(1)	(2)	(3)
NLC	6.784	5.319
GMDCL	0.000	0.000
GIPCL	0.000	0.000
GHCL	0.014	0.025
RSMML	0.000	0.000
VSLPPL	0.062	0.050
BLMCL	0.350	0.278
<b>TOTAL</b>	<b>7.210</b>	<b>5.672</b>

## Import & Export

1.26 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 limited. Therefore, to bridge the demand and supply gap as well as to provide high quality coal for use in various industries the country has no option but to resort to import of coal, especially low-ash coal.

1.27 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.

1.28 In the year 2018-19 import of raw coal of the country was 235.240 MT (in value 11708807 Million Rupees) against import of 208.273 MT (in value 1384770 Million Rupees) in 2017-18. Thus in the year 2018-19, import of coal increased by 12.95% over the previous year. The share of coking and non-coking coal is given in statement 13.

Statement 13: Import of Coal to India in 2018-19		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	51.838	720497
Non-Coking	183.402	988310
<b>Total</b>	<b>235.240</b>	<b>1708807</b>

It can be seen that the share of coking coal in the total quantity was 22.04% which in value terms accounted for 42.16% of the total. Statement 14 shows source major country wise import of coal in India in 2018-19. It can be seen that Indonesia with 47.94% share (112.773 MT) remained the leading supplier of coal to India followed by

Australia 20.48% (48.166 MT) and South Africa 13.24% (31.153 MT). These three countries together accounted for 81.66% of the total import to India during the year 2018-19.

Statement 14: Source Country-Wise Import of		
Country	Quantity [MT]	Share
Indonesia	112.773	47.94 %
Australia	48.166	20.48%
South Africa	31.153	13.24%
USA	14.976	6.37%
Mozambique	7.092	3.01%
Russia	4.921	2.09%
Canada	4.458	1.90%
Others	11.701	4.97%
<b>Total</b>	<b>235.240</b>	<b>100%</b>

1.29 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 2018-19		
Country	Quantity [MT]	% Share
Australia	36.931	71.24
Canada	4.294	8.28
USA	4.134	7.97
Mozambique	2.239	4.32
Indonesia	1.167	2.25
New Zealand	0.447	0.86
Others	2.626	5.07
<b>Total</b>	<b>51.838</b>	<b>100%</b>

Statement 16: Source Country-Wise Import of Non-Coking Coal to India during 2018-19		
Country	Quantity [MT]	Share
Indonesia	111.607	60.85%
South Africa	31.153	16.99%
Australia	11.236	6.13%
USA	10.842	5.91%
Russia	4.376	2.39%
Mozambique	4.853	2.65%
Others	9.335	5.09%
<b>Total</b>	<b>183.402</b>	<b>100.00%</b>

1.30 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
2014-15	55.460	56.438	43.715	0.042
2015-16	77.000	59.213	43.561	0.064
2016-17	56.620	59.308	41.644	0.027
2017-18	63.170	45.380	47.003	0.068
2018-19	58.370	43.318	51.838	0.060

Statement 18: Demand*, Despatch, Import and Export of Non-coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2014-15	731.570	547.334	174.068	1.196
2015-16	833.000	573.229	159.388	1.511
2016-17	828.250	586.670	149.309	1.746
2017-18	845.230	642.451	161.269	1.435
2018-19	932.980	689.476	183.402	1.254

\*Source: Annual Plan, MOC

1.31 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 2018-19 (Statement 19). It can be seen from the statement that coal was exported mainly to Nepal was 0.857 MT (65.27%) followed by Bangladesh 0.376 MT (28.64%).

Statement 19: Export of Coal by India to different countries during 2018-19		
Country	Quantity [MT]	% Share
Bangladesh PR	0.376	28.64%
Nepal	0.857	65.27%
Bhutan	0.028	2.13%
Others	0.052	3.96%
<b>Total</b>	<b>1.313</b>	<b>100.00%</b>

1.32 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 2018-19		
Country	Quantity [MT]	% Share
Egypt A R P	0.050	83.33
Others	0.010	16.67
<b>Total</b>	<b>0.060</b>	<b>100</b>

Statement 21: Export of Non-Coking Coal from India to different countries during 2018-19		
Country	Quantity [MT]	Share
Bangladesh PR	0.375	29.90%
Nepal	0.849	67.70%
Bhutan	0.028	2.23%
Others	0.002	0.17%
<b>Total</b>	<b>1.254</b>	<b>100.00%</b>

### Captive Coal & Lignite Blocks

1.34 The policy of the allotment of Captive Coal Blocks was adopted by the Government of India in the year 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 Block.

During the year 2014-15 by virtue of judgment dated 25.08.2014 read with the order dated 24.09.2014 of the Hon'ble Supreme Court of India, out of 218 captive coal blocks, allocation of 204 coal blocks were cancelled except allocation of 12 coal blocks for UMPPs and one coal block each allocated to NTPC and SAIL.

1.35 Further, allocation of four coal blocks for UMPPs, namely, Chhatrasal coal block cancelled on 07.05.2015 and Meenakshi, Meenakshi B and Dip side of Meenakshi blocks of UMPP cancelled on 15.12.2015. As such as on date 10 coal blocks allocated through earlier dispensations stand allocated.

1.36 Subsequent to the order of the Hon'ble Supreme Court of India, 42 nos. of producing coal blocks [Schedule II coal mines as per the Coal Mines (Special Provisions) Ordinance, 2014 replaced by the Coal Mines (Special Provision) Act, 2015] were allowed to produce coal up to 31.03.2015. Thus total number of blocks stand allocated from 25.09.2014 to 31.03.2015 was 52 [42 + 10 earlier coal blocks].

1.37 In 2018-19, 20 captive coal blocks vested/allocated including 3 blocks under CIL custodian produced coal. From these total 23 coal blocks production of coal was 54.852 MT in 2018-19.

1.38 Under the "Auction by Competitive Bidding Rules, 2012", 13 regionally explored coal blocks have been allotted to Central/State Government companies.

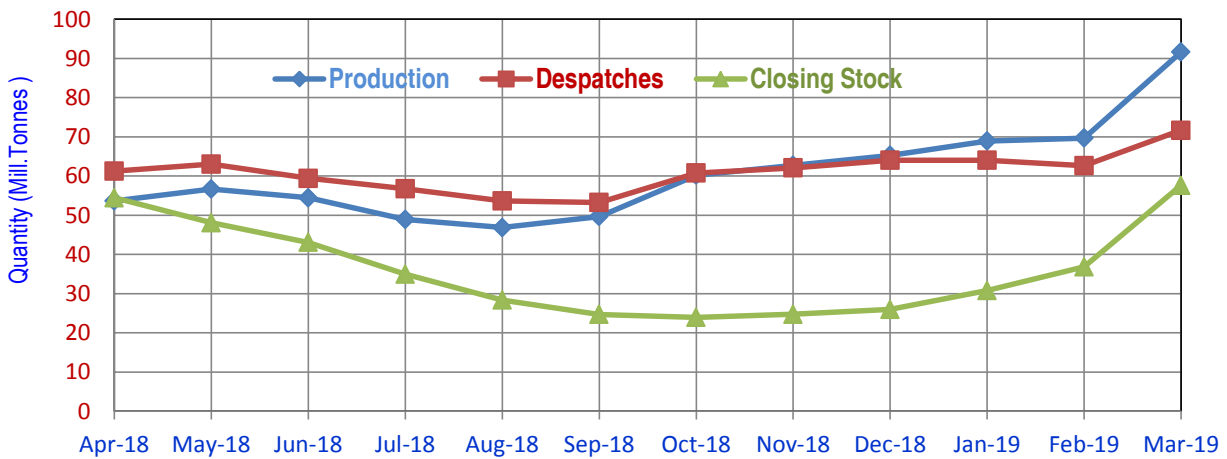
1.39 In 2017-18 CMDPA of 5 coal blocks have been terminated.

1.40 In 2018-19, 3 coal blocks have been allocated. Therefore, as on 31.03.2019, number of coal blocks stand exist was 110 = (vested/allotted 80 + Custodian 7 + Under Auction by Competitive Bidding Rules, 2012-13 -13 and blocks not cancelled – 10).

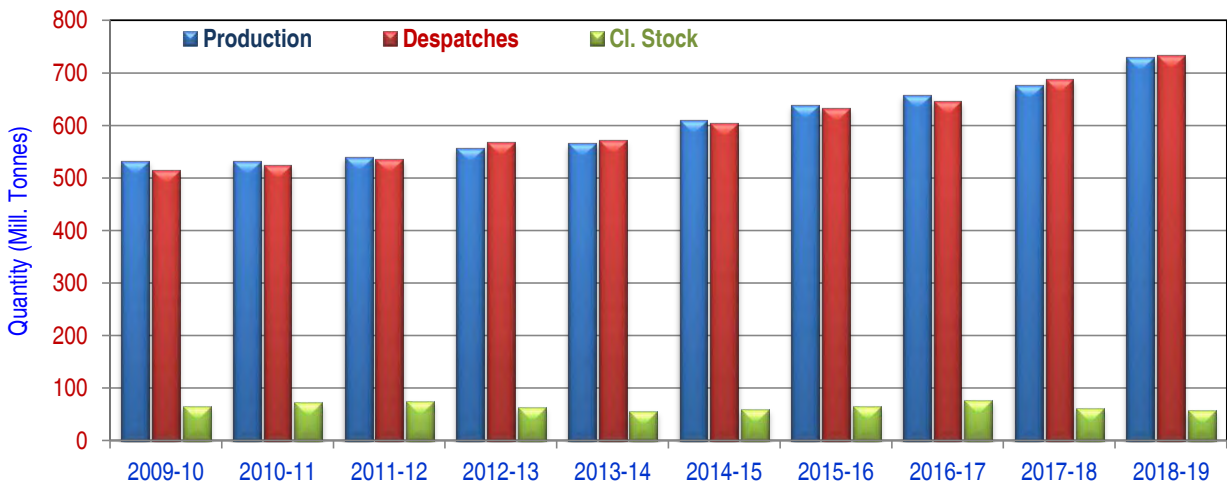
1.41 As on 31.03.2019, number of lignite blocks stand allocated are 23.



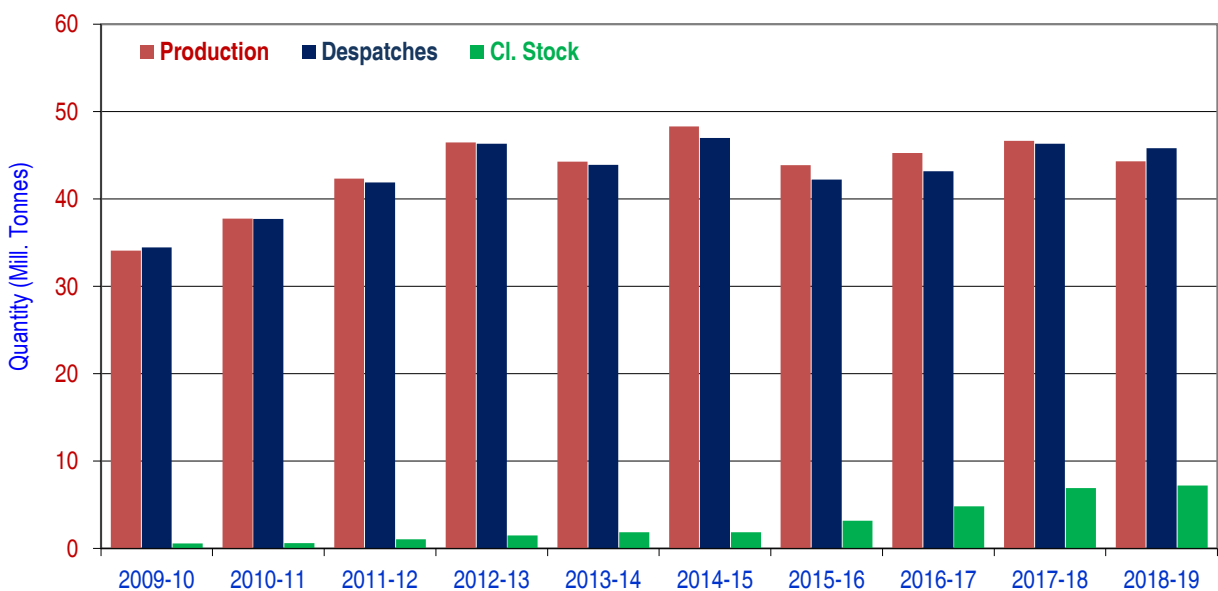
**Chart-I : MONTH-WISE RAW COAL PRODUCTION, DESPATCHES & STOCK IN INDIA, 2018-19**



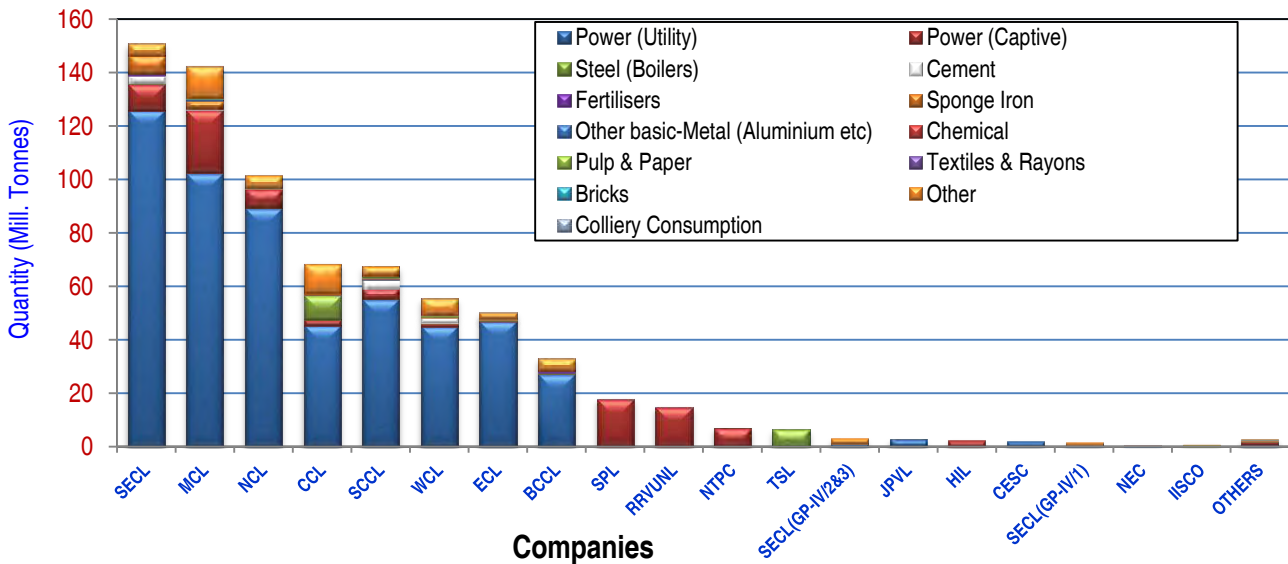
**Chart-II : RAW COAL PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS**



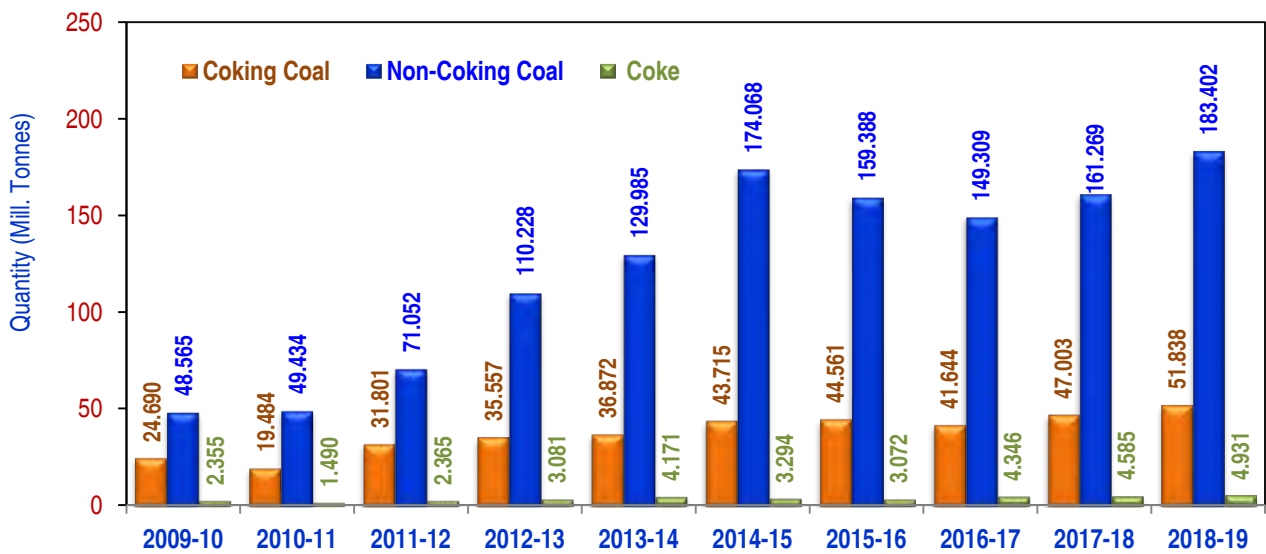
**Chart-III : LIGNITE PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS**



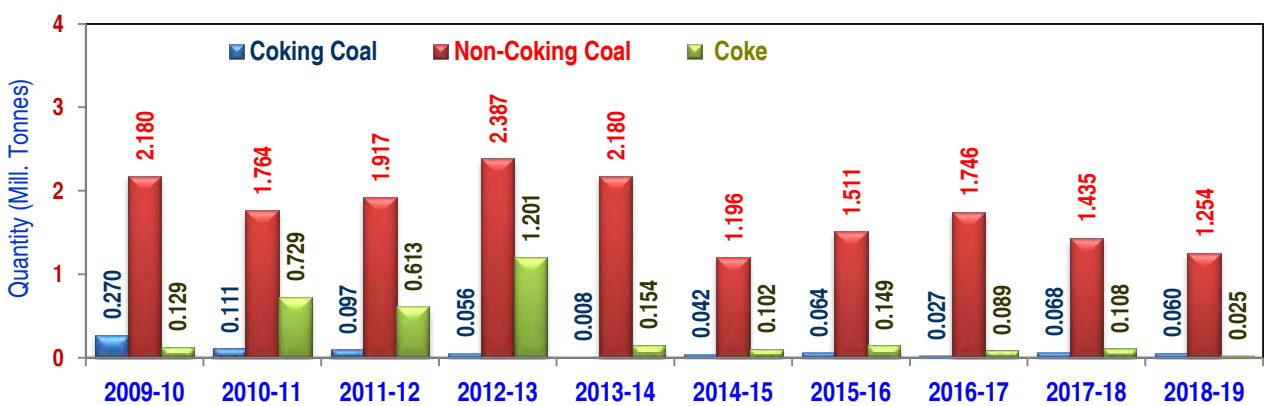
**Chart -IV : Sectorwise Despatches of Raw Coal from different companies in 2018-19**



**Chart - V : Import of Coal (Coking and Non-coking) and Coke during last Ten Years**



**Chart - VI : Export of Coal (Coking and Non-coking) and Coke during last Ten Years**



**Table 1.1: All India Coal Demand (BE) and Supply - Sectorwise: 2018-19**

(Quantity in MillionTonnes)

Sector	Demand ( BE )	Actual Supply			Achievement
		Indigenous	Import	Total	
<b>I. Coking Coal</b>					
1 Steel/Coke Oven/Private Cokeries	10.67	17.66	0.00	<b>17.66</b>	<b>165.5%</b>
2 Import	47.70	0.00	51.84	<b>51.84</b>	<b>108.7%</b>
<b>Sub Total (Raw Coal)</b>	<b>58.37</b>	<b>17.66</b>	<b>51.84</b>	<b>69.50</b>	<b>119.1%</b>
<b>II. Non Coking Coal</b>				<b>0.00</b>	
3 Power (Utilities)	655.66	546.17		<b>546.17</b>	83.3%
4 Power (Captive) [CPP]*	105.00	91.78		<b>91.78</b>	87.4%
5 Cement	37.99	8.82		<b>8.82</b>	23.2%
6 Sponge Iron/CDI	41.33	12.23		<b>12.23</b>	29.6%
7 Others	93.00	56.13		<b>56.13</b>	60.4%
8 Coll. Consumption		0.22		<b>0.22</b>	-
<b>Sub-total (Raw Coal)</b>	<b>932.98</b>	<b>715.35</b>	<b>183.40</b>	<b>898.75</b>	<b>96.3%</b>
<b>III. Total Raw Coal Offtake</b>	<b>991.35</b>	<b>733.01</b>	<b>235.24</b>	<b>968.25</b>	<b>97.7%</b>

Note:

- 1 Sectorwise Demand as per Annual Plan of Min. of Coal, GOI.
- 2 Import of Coal (Provisional) for the year 2018-19 (Source DGCI&S)
- \* CPP includes despatch to Fertilizer Sector.

**Table 1.2: Supply Plan of Indigenous Coal - Sourcewise in 2018-19**

(Quantity in MillionTonnes)

Source of Supply	Supply Plan (BE)	Actual supply	Achievement
1 ECL	46.76	50.41	107.8%
2 BCCL	38.00	33.10	87.1%
3 CCL	68.70	68.45	99.6%
4 NCL	95.00	101.57	106.9%
5 WCL	49.70	55.55	111.8%
6 SECL*	159.50	156.03	97.8%
7 MCL	151.50	142.31	93.9%
8 NEC	0.84	0.75	89.8%
<b>9 Total CIL</b>	<b>610.00</b>	<b>608.17</b>	<b>99.7%</b>
10 SCCL	65.00	67.67	104.1%
11 <b>Others</b>	55.00	57.17	103.9%
<b>All India Indigenous Coal Supply</b>	<b>730.00</b>	<b>733.01</b>	<b>100.4%</b>

\* Including 1.839 from GP=IV/1 and 3.200 from GP-IV/2&3

Total Coal Supply / Availability	BE (2018-19)	Actual	Achievement
a. Demand	991.35	968.25	97.7%
b. Indegenous Supply	730.00	733.01	100.4%
c. Materialisation through Import	235.24	235.24	100.0%
d. Total Supply/ Availability	965.24	968.25	100.3%
e. Overall Demand - Supply Gap	26	-3	

Demand & Supply Plan is as per Annual Plan 2018-19 of MOC.

**Table 1.3: Indigenous Coal Supply Plan (BE) & Achievement : 2018-19**

(Quantity in MillionTonnes)

Sector	BE (2018-19) \$				Actual				Achievement ( %)			
	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total
<b>I. Coking Coal</b>												
1 Steel (Indigenous)	8.40	0.00	8.00	16.40	10.20	0.00	7.46	17.66	121%		93%	108%
2 Private Cokeries/												
<b>Sub Total (R/C)</b>	<b>8.40</b>	<b>0.00</b>	<b>8.00</b>	<b>16.40</b>	<b>10.20</b>	<b>0.00</b>	<b>7.46</b>	<b>17.66</b>	<b>121%</b>		<b>93%</b>	<b>108%</b>
<b>II. Non Coking Coal</b>												
3 Power (Utilities)	479.00	54.24	6.00	539.24	485.13	55.39	5.65	546.17	101%	102%	94%	101%
4 Power (Captive) CPP)#	46.02	4.04	44.00	94.06	44.44	3.91	43.43	91.78	97%	97%	99%	98%
5 Cement	6.27	2.25	0.25	8.77	5.46	3.15	0.20	8.82	87%	140%	81%	101%
6 Sponge Iron/ CDI	11.11	1.60	0.35	13.06	11.68	0.22	0.33	12.23	105%	14%	93%	94%
7 Others	59.00	4.86	0.12	63.98	51.04	4.99	0.10	56.13	87%	103%	84%	88%
8 Colly. Consumption	0.20	0.00	0.00	0.20	0.22	0.00	0.00	0.22	110%	0%		110%
<b>Sub-total (R/C)</b>	<b>601.60</b>	<b>66.99</b>	<b>50.72</b>	<b>719.31</b>	<b>597.97</b>	<b>67.67</b>	<b>49.71</b>	<b>715.35</b>	<b>99%</b>	<b>101%</b>	<b>98%</b>	<b>99%</b>
<b>III. Total Raw Coal</b>	<b>610.00</b>	<b>66.99</b>	<b>58.72</b>	<b>735.71</b>	<b>608.17</b>	<b>67.67</b>	<b>57.17</b>	<b>733.01</b>	<b>100%</b>	<b>101%</b>	<b>97%</b>	<b>100%</b>

\$ Based on Annual Plan 2018-19 of MOC.

# CPP Includes Despatch to Fertilizer Sector.

**TABLE 1.4 : BALANCE SHEET OF AVAILABILITY AND SUPPLY OF RAW COAL & LIGNITE DURING 2017-18 & 2018-19**  
(Quantity in Million Tonnes)

Availability (within India)	2017-18	2018-19	Supply (within India)	2017-18				2018-19			
				Raw Coal	Lignite	Imported Coal	Total	Raw Coal	Lignite	Imported Coal	Total
<b>(A) Production</b>			Sectors								
Coking Coal	40.148	41.132									
Non-coking Coal	635.252	687.586									
Lignite	46.644	44.283	Steel & Washery	11.447	0.120	47.004	<b>58.571</b>	17.662	0.094	51.838	<b>69.594</b>
<b>Total</b>	<b>722.044</b>	<b>773.001</b>	Power (Utility+Captive)	585.488	38.839	N.A.	<b>624.327</b>	637.949	37.669	N.A.	<b>675.618</b>
<b>(B) Change of Vendible Stock (Closing - Opening)</b>			Cement	7.708	1.091	N.A.	<b>8.799</b>	8.817	1.498	N.A.	<b>10.315</b>
Coking Coal	-5.113	-1.917	Textile	0.238	2.457		<b>2.695</b>	0.204	2.558		<b>2.762</b>
Non-coking Coal	-8.803	-2.176	Sponge Iron	8.528	0.093		<b>8.621</b>	12.231	0.048		<b>12.279</b>
Lignite	0.327	-1.538	Fertilizer & Chem.	2.160	0.224		<b>2.384</b>	1.789	0.001		<b>1.790</b>
<b>Total Change (Cl - Op)</b>	<b>-13.589</b>	<b>-5.631</b>	Paper	1.510	0.758		<b>2.268</b>	1.637	0.603		<b>2.240</b>
<b>(C) Import</b>			Brick	0.115	0.380		<b>0.495</b>	0.093	0.634		<b>0.727</b>
Coking Coal	47.004	51.838	Others	72.809	2.355	161.245	<b>236.409</b>	52.412	2.706	183.402	<b>238.520</b>
Non-coking Coal	161.245	183.402	Colliery Consmn.	0.243			<b>0.243</b>	0.219			<b>0.219</b>
<b>Total Raw Coal</b>	<b>208.250</b>	<b>235.240</b>	<b>Total Off-take</b>	<b>690.246</b>	<b>46.317</b>	<b>208.250</b>	<b>944.813</b>	<b>733.013</b>	<b>45.811</b>	<b>235.240</b>	<b>1014.064</b>
<b>(D) Export</b>			Statistical Difference				<b>-2.434</b>				<b>-1.505</b>
<b>(E) Total Availability</b>	<b>942.379</b>	<b>1012.559</b>	<b>Total Supply</b>				<b>942.379</b>				<b>1012.559</b>

**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 opening 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 : 2009-10 to 2018-19 (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)
2009-10	Coal	532.042	73.255	2.454	70.801	47.317	64.863	17.546	585.297
	Lignite	34.071				0.903	0.565	-0.338	34.409
	<b>Total</b>	<b>566.113</b>	<b>73.255</b>	<b>2.454</b>	<b>70.801</b>	<b>48.220</b>	<b>65.428</b>	<b>17.208</b>	<b>619.706</b>
2010-11	Coal	532.694	68.918	4.409	64.509	64.863	72.192	7.329	589.874
	Lignite	37.733				0.565	0.610	0.045	37.688
	<b>Total</b>	<b>570.427</b>	<b>68.918</b>	<b>4.409</b>	<b>64.509</b>	<b>65.428</b>	<b>72.802</b>	<b>7.374</b>	<b>627.562</b>
2011-12	Coal	539.950	102.853	2.014	100.839	72.192	74.040	1.848	642.637
	Lignite	42.332				0.610	1.051	0.441	42.773
	<b>Total</b>	<b>582.282</b>	<b>102.853</b>	<b>2.014</b>	<b>100.839</b>	<b>72.802</b>	<b>75.091</b>	<b>2.289</b>	<b>685.410</b>
2012-13	Coal	556.402	145.785	2.443	143.342	74.040	63.049	-10.991	688.753
	Lignite	46.453	0.001	0.069	-0.068	1.051	1.493	0.442	46.827
	<b>Total</b>	<b>602.855</b>	<b>145.786</b>	<b>2.512</b>	<b>143.274</b>	<b>75.091</b>	<b>64.542</b>	<b>-10.549</b>	<b>735.580</b>
2013-14	Coal	565.766	168.439	2.153	166.286	63.049	55.178	-7.871	724.181
	Lignite	44.271	0.001	0.002	-0.001	1.493	1.860	0.367	44.637
	<b>Total</b>	<b>610.037</b>	<b>168.440</b>	<b>2.155</b>	<b>166.285</b>	<b>64.542</b>	<b>57.038</b>	<b>-7.504</b>	<b>768.818</b>
2014-15	Coal	612.435	212.103	1.238	210.865	55.178	59.389	4.211	827.511
	Lignite	48.257	0.001	0.003	-0.002	1.860	3.176	1.316	49.571
	<b>Total</b>	<b>660.692</b>	<b>212.104</b>	<b>1.241</b>	<b>210.863</b>	<b>57.038</b>	<b>62.565</b>	<b>5.527</b>	<b>877.082</b>
2015-16	Coal	639.230	203.949	1.575	202.374	59.389	65.361	5.972	847.576
	Lignite	43.842	0.001	0.001	0.001	3.176	4.809	1.633	45.476
	<b>Total</b>	<b>683.072</b>	<b>203.950</b>	<b>1.576</b>	<b>202.375</b>	<b>62.565</b>	<b>70.170</b>	<b>7.605</b>	<b>893.052</b>
2016-17	Coal	657.868	190.953	1.773	189.180	65.361	76.889	11.528	858.576
	Lignite	45.230	0.019	0.005	0.014	4.809	6.883	2.074	47.318
	<b>Total</b>	<b>703.098</b>	<b>190.972</b>	<b>1.778</b>	<b>189.194</b>	<b>70.170</b>	<b>83.772</b>	<b>13.602</b>	<b>905.894</b>
2017-18	Coal	675.400	208.249	1.504	206.745	75.952	62.036	13.916	896.061
	Lignite	46.644	0.010	0.004	0.006	6.883	7.210	-0.327	46.323
	<b>Total</b>	<b>722.044</b>	<b>208.259</b>	<b>1.508</b>	<b>206.751</b>	<b>82.835</b>	<b>69.246</b>	<b>13.589</b>	<b>942.384</b>
2018-19	Coal	728.718	235.240	1.313	233.927	62.036	57.642	-4.394	958.251
	Lignite	44.283	0.019	0.040	-0.021	7.210	5.672	-1.538	42.724
	<b>Total</b>	<b>773.001</b>	<b>235.260</b>	<b>1.354</b>	<b>233.906</b>	<b>69.246</b>	<b>63.314</b>	<b>-5.932</b>	<b>1000.975</b>

Note: Total Primary Supply is estimated as sum of indigenous production, Net Import & Stock Change.

For simplicity, only stock change of pit head stock is taken.



~ Provisional Coal Statistics 2018-19 ~

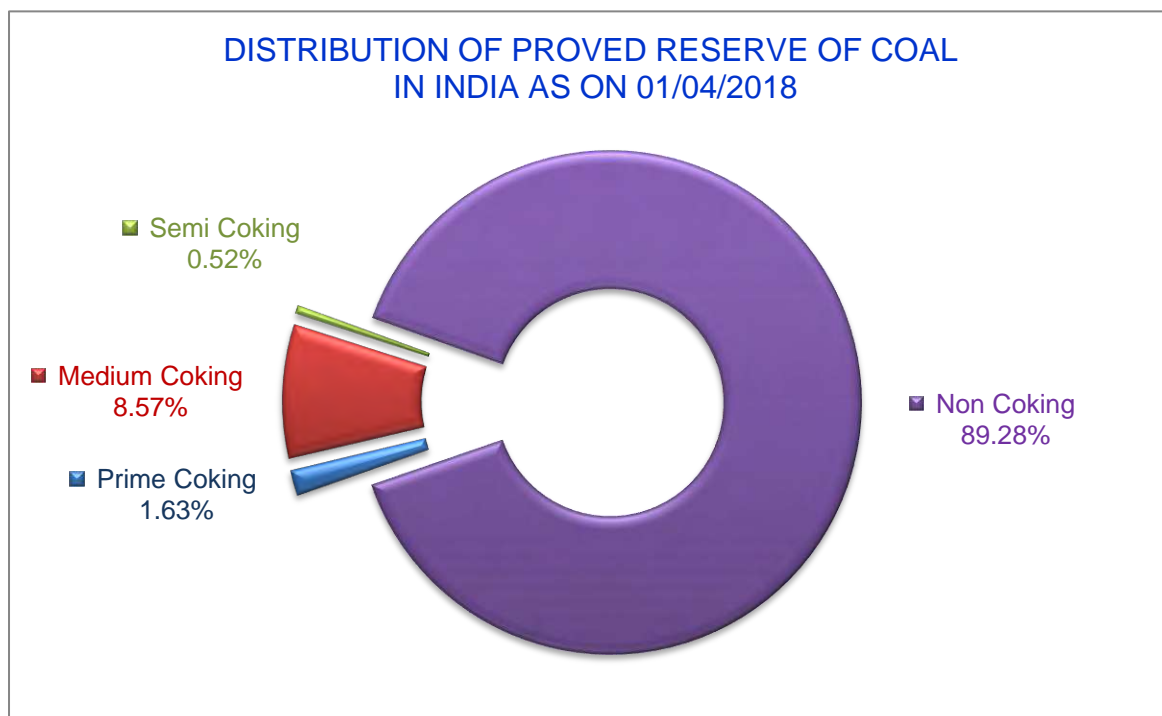
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# Resources & Exploration



**TABLE - 1.6: INVENTORY OF GEOLOGICAL RESERVE OF COAL BY TYPE AS ON 1<sup>st</sup> APRIL 2017, 2018 & 2019**

Type of Coal	As on	Reserve (Quantity in Million Tonnes)			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Prime Coking	01/04/2016	4,614	699	0.00	<b>5,313</b>
	01/04/2017	4,614	699	0.00	<b>5,313</b>
	01/04/2018	4,649	664	0.00	<b>5,313</b>
	01/04/2019	4,668	645	0.00	<b>5,313</b>
Medium Coking	01/04/2016	13,389	12,114	1,879	<b>27,382</b>
	01/04/2017	13,501	12,133	1,879	<b>27,513</b>
	01/04/2018	13,914	11,709	1,879	<b>27,502</b>
	01/04/2019	14,876	11,245	1,863	<b>27,984</b>
Blendable / Semi Coking	01/04/2016	482	1,004	222	<b>1,708</b>
	01/04/2017	519	995	193	<b>1,708</b>
	01/04/2018	519	995	193	<b>1,708</b>
	01/04/2019	519	995	193	<b>1,708</b>
Non Coking (Including High Sulphur )	01/04/2016	1,19,602	1,25,335	29,462	<b>2,74,398</b>
	01/04/2017	1,24,423	1,25,485	30,706	<b>2,80,615</b>
	01/04/2018	1,29,705	1,25,796	28,996	<b>2,84,498</b>
	01/04/2019	1,35,552	1,27,615	28,325	<b>2,91,492</b>
<b>Total</b>	<b>01/04/2016 *</b>	<b>1,38,087</b>	<b>1,39,151</b>	<b>31,563</b>	<b>3,08,802</b>
	<b>01/04/2017 *</b>	<b>1,43,058</b>	<b>1,39,311</b>	<b>32,779</b>	<b>3,15,148</b>
	<b>01/04/2018 *</b>	<b>1,48,787</b>	<b>1,39,164</b>	<b>31,069</b>	<b>3,19,020</b>
	<b>01/04/2019 *</b>	<b>1,55,614</b>	<b>1,40,501</b>	<b>30,381</b>	<b>3,26,496</b>



\* Including Sikkim

Source: Geological Survey of India

**TABLE - 1.7: STATEWISE INVENTORY OF GEOLOGICAL RESOURCES OF COAL AS ON 1<sup>st</sup> APRIL 2017, 2018 & 2019**

(Quantity in Million Tonnes)

State	As on	Resources				State	As on	Resources			
		Proved	Indicated	Inferred	Total			Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)
<b>GONDAWANA COALFIELDS</b>						<b>TERTIARY COAL FIELDS</b>					
Assam	1/4/2017	0	14	0	14	Arunachal Pradesh	1/4/2017	31	40	19	90
	1/4/2018	0	14	0	14		1/4/2018	31	40	19	90
	1/4/2019	0	14	0	14		1/4/2019	31	40	19	90
Andhra Pradesh	1/4/2017	0	1,149	432	1,581	Assam	1/4/2017	465	43	3	511
	1/4/2018	0	1,149	432	1,581		1/4/2018	465	43	3	511
	1/4/2019	97	1,078	432	1,607		1/4/2019	465	43	3	511
Jharkhand	1/4/2017	44,341	31,876	6,223	82,440	Meghalaya	1/4/2017	89	17	471	576
	1/4/2018	45,563	31,439	6,150	83,152		1/4/2018	89	17	471	576
	1/4/2019	48,032	30,400	6,074	84,506		1/4/2019	89	17	471	576
Bihar	1/4/2017	0	0	1,354	1,354	Nagaland	1/4/2017	9	0	401	410
	1/4/2018	161	813	392	1,367		1/4/2018	9	0	401	410
	1/4/2019	310	1,513	11	1,834		1/4/2019	9	22	415	446
Madhya Pradesh	1/4/2017	11,269	12,760	3,645	27,673	<b>Tertiary Coalfields</b>	1/4/2017	594	99	895	1,588
	1/4/2018	11,958	12,154	3,875	27,987		1/4/2018	594	99	895	1,588
	1/4/2019	12,182	12,736	3,875	28,793		1/4/2019	594	121	908	1,623
Chhattisgarh	1/4/2017	19,997	34,462	2,202	56,661						
	1/4/2018	20,428	34,576	2,202	57,206						
	1/4/2019	21,446	36,260	2,202	59,908						
Maharashtra	1/4/2017	7,038	3,158	2,063	12,259						
	1/4/2018	7,178	3,074	2,048	12,299						
	1/4/2019	7,573	3,257	1,847	12,677						
Odisha	1/4/2017	34,810	34,060	8,415	77,285						
	1/4/2018	37,391	34,165	7,739	79,295						
	1/4/2019	39,654	33,473	7,713	80,840						
Sikkim	1/4/2017	0	58	43	101						
	1/4/2018	0	58	43	101						
	1/4/2019	0	58	43	101						
Uttar Pradesh	1/4/2017	884	178	0	1,062						
	1/4/2018	884	178	0	1,062						
	1/4/2019	884	178	0	1,062						
Telangana	1/4/2017	10,402	8542	2520	21,464						
	1/4/2018	10,475	8576	2651	21,702						
	1/4/2019	10,622	8,565	2,652	21,839						
West Bengal	1/4/2017	13,723	12,954	4,990	31,667						
	1/4/2018	14,156	12,869	4,643	31,667						
	1/4/2019	14,219	12,847	4,624	31,690						
<b>Gondawana</b>	<b>1/4/2017</b>	<b>1,42,464</b>	<b>1,39,212</b>	<b>31,885</b>	<b>3,13,561</b>	<b>INDIA</b>	<b>1/4/2017</b>	<b>1,43,058</b>	<b>1,39,311</b>	<b>32,780</b>	<b>3,15,149</b>
	<b>1/4/2018</b>	<b>1,48,194</b>	<b>1,39,065</b>	<b>30,174</b>	<b>3,17,433</b>		<b>1/4/2018</b>	<b>1,48,787</b>	<b>1,39,164</b>	<b>31,069</b>	<b>3,19,020</b>
	<b>1/4/2019</b>	<b>1,55,021</b>	<b>1,40,379</b>	<b>29,472</b>	<b>3,24,872</b>		<b>1/4/2019</b>	<b>1,55,614</b>	<b>1,40,501</b>	<b>30,381</b>	<b>3,26,496</b>

Source: Geological Survey of India

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

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

**TABLE - 1.8 : STATEWISE INVENTORY OF GEOLOGICAL RESERVE OF LIGNITE  
AS ON 1<sup>st</sup> APRIL 2017, 2018 & 2019**

State	As on	Resources (Quantity in Million Tonnes)			
		Proved	Indicated	Inferred	<b>Total</b>
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	01-04-2017	1278.65	283.70	1159.70	<b>2722.05</b>
	01-04-2018	1278.65	283.70	1159.70	<b>2722.05</b>
	01-04-2019	1278.65	283.70	1159.70	<b>2722.05</b>
J & K	01-04-2017	0.00	20.25	7.30	<b>27.55</b>
	01-04-2018	0.00	20.25	7.30	<b>27.55</b>
	01-04-2019	0.00	20.25	7.30	<b>27.55</b>
Kerala	01-04-2017	0.00	0.00	9.65	<b>9.65</b>
	01-04-2018	0.00	0.00	9.65	<b>9.65</b>
	01-04-2019	0.00	0.00	9.65	<b>9.65</b>
Pondicherry	01-04-2017	0.00	405.61	11.00	<b>416.61</b>
	01-04-2018	0.00	405.61	11.00	<b>416.61</b>
	01-04-2019	0.00	405.61	11.00	<b>416.61</b>
Rajasthan	01-04-2017	1168.53	2670.84	1896.60	<b>5735.98</b>
	01-04-2018	1168.53	3029.78	2150.77	<b>6349.08</b>
	01-04-2019	1168.53	3029.78	2150.77	<b>6349.08</b>
Tamilnadu	01-04-2017	4093.53	22632.87	9055.98	<b>35782.38</b>
	01-04-2018	4093.53	22648.33	9392.85	<b>36134.71</b>
	01-04-2019	4340.35	22496.63	9392.85	<b>36229.83</b>
West Bengal	01-04-2017	0.00	1.13	2.80	<b>3.93</b>
	01-04-2018	0.00	1.13	2.80	<b>3.93</b>
	01-04-2019	0.00	1.13	2.80	<b>3.93</b>
<b>All India</b>	<b>01-04-2017</b>	<b>6540.71</b>	<b>26014.40</b>	<b>12143.03</b>	<b>44698.14</b>
	<b>01-04-2018</b>	<b>6540.71</b>	<b>26388.80</b>	<b>12734.07</b>	<b>45663.58</b>
	<b>01-04-2019</b>	<b>6787.53</b>	<b>26237.10</b>	<b>12734.07</b>	<b>45758.70</b>

Note: Figures compiled by Neyveli Lignite Corporation Ltd.

**TABLE: 1.9 - PERCENTAGE CHANGE IN ACTUAL OVER PROVISIONAL DURING LAST SIX 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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	Provisional	51.654	488.286	<b>539.940</b>	43.105	51.528	483.624	<b>535.152</b>	42.500
	Actual	51.660	488.290	<b>539.950</b>	42.332	51.723	483.576	<b>535.299</b>	41.883
	Change(A-P)	0.01%	0.00%	<b>0.00%</b>	-1.79%	0.38%	-0.01%	<b>0.03%</b>	-1.45%
2012-13	Provisional	51.834	505.873	<b>557.707</b>	46.598	55.212	514.555	<b>569.767</b>	46.312
	Actual	51.582	504.820	<b>556.402</b>	46.453	55.859	511.277	<b>567.136</b>	46.313
	Change(A-P)	-0.49%	-0.21%	<b>-0.23%</b>	-0.31%	1.17%	-0.64%	<b>-0.46%</b>	0.00%
2013-14	Provisional	56.818	508.948	<b>565.766</b>	44.271	58.302	512.949	<b>571.251</b>	43.897
	Actual	56.818	508.947	<b>565.765</b>	44.271	58.464	513.596	<b>572.06</b>	43.897
	Change(A-P)	0.00%	0.00%	<b>0.00%</b>	0.00%	0.28%	0.13%	<b>0.14%</b>	0.00%
2014-15	Provisional	57.451	554.984	<b>612.435</b>	48.257	56.614	551.016	<b>607.630</b>	46.941
	Actual	57.446	551.733	<b>609.179</b>	48.270	56.438	547.334	<b>603.772</b>	46.954
	Change(A-P)	-0.01%	-0.59%	<b>-0.53%</b>	0.03%	-0.31%	-0.67%	<b>-0.63%</b>	0.03%
2015-16	Provisional	60.887	578.347	<b>639.234</b>	43.843	59.213	572.956	<b>632.169</b>	42.212
	Actual	60.887	578.343	<b>639.230</b>	43.842	59.213	573.229	<b>632.442</b>	42.211
	Change(A-P)	0.00%	0.00%	<b>0.00%</b>	0.00%	0.00%	0.05%	<b>0.04%</b>	0.00%
2016-17	Provisional	61.661	601.131	<b>662.792</b>	45.230	59.545	590.774	<b>650.319</b>	43.155
	Actual	61.661	596.207	<b>657.868</b>	45.230	59.308	586.670	<b>645.978</b>	43.155
	Change(A-P)	0.00%	-0.82%	<b>-0.74%</b>	0.00%	-0.40%	-0.69%	<b>-0.67%</b>	0.00%
2017-18	Provisional	40.147	635.253	<b>675.400</b>	46.255	45.380	642.451	<b>687.831</b>	45.929
	Actual	40.148	635.252	<b>675.400</b>	46.644	45.380	644.623	<b>690.003</b>	46.317
	Change(A-P)	0.00%	0.00%	<b>0.00%</b>	0.84%	0.00%	0.34%	<b>0.32%</b>	0.84%
2018-19	Provisional	1.396513	1.38257	<b>2.779</b>	0.044	0.043	0.689	<b>0.733</b>	0.045811
	Actual								
	Change(A-P)	-100.00%	-100.00%	<b>-100.00%</b>	-100.00%	-100.00%	-100.00%	<b>-100.00%</b>	-100.00%

N.B : P=Provisional, A=Actual



# 2

# Production & Productivity



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

(Quantity in Million Tonnes)

Year	Raw Coal		Lignite		Total Solid Fossil Fuel	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
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	609.179	7.67	48.270	9.03	657.449	7.77
2015-16	639.230	4.93	43.842	-9.17	683.072	3.90
2016-17	657.868	2.92	45.230	3.17	703.098	2.93
2017-18	675.400	2.66	46.644	3.13	722.044	2.69
2018-19	728.718	7.89	44.283	-5.06	773.001	7.06

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

(Quantity in 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)
2009-10	17.731	2.49	44.413	27.59	487.629	6.48	532.042	7.97
2010-11	17.695	-0.20	49.547	11.56	483.147	-0.92	532.694	0.12
2011-12	16.239	-8.23	51.660	4.26	488.290	1.06	539.950	1.36
2012-13	14.547	-10.42	51.582	-0.15	504.820	3.39	556.402	3.05
2013-14	15.114	3.90	56.818	10.15	508.947	0.82	565.765	1.68
2014-15	13.784	-8.80	57.446	1.11	551.733	8.41	609.179	7.67
2015-16	14.339	4.03	60.887	5.99	578.343	4.82	639.230	4.93
2016-17	15.254	6.38	61.661	1.27	596.207	3.09	657.868	2.92
2017-18	33.884	122.13	40.148	-34.89	635.252	6.55	675.400	2.66
2018-19	35.084	3.54	41.132	2.45	687.586	8.24	728.718	7.89

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**

(Quantity in 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)
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	14.532	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	6.070	-8.2	17.294	10.2	4.750	-3.3	3.742	-4.7	14.29	13.4
2015-16	6.182	1.8	17.119	-1.0	5.525	16.3	0	-	14.368	0.5
2016-17	6.414	3.8	20.274	18.4	4.598	-16.8	0	-	13.779	-4.1
2017-18	5.753	-10.3	13.999	-31.0	3.670	-20.2	0	0.0	13.869	0.7
2018-19	5.570	-3.2	19.363	38.3	3.502	-4.6	0 *	-	12.443	-10.3

Note: 1. The above figures relates to Washeries (public & private) of only coal producing companies.  
 2. Hard Coke data relates to steel plants only. There are Private sector, specially in small scale, data of which are not readily available.



**TABLE 2.4: MONTHLY PRODUCTION OF DIFFERENT TYPES OF RAW COAL AND LIGNITE IN 2018-19**

( 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)
<b>2018-19</b>												
Apr-18	2.879	-6.6	7.0	50.795	18.2	7.4	53.674	16.6	7.4	1.879	-12.6	4.2
May-18	3.378	11.2	8.2	53.305	13.9	7.8	56.683	13.8	7.8	2.929	-2.6	6.6
Jun-18	2.943	-2.3	7.2	51.517	13.6	7.5	54.460	12.6	7.5	4.871	17.6	11.0
<b>1st Quarter</b>	<b>9.200</b>	<b>0.7</b>	<b>22.4</b>	<b>155.617</b>	<b>15.2</b>	<b>22.6</b>	<b>164.817</b>	<b>14.3</b>	<b>22.6</b>	<b>9.679</b>	<b>4.1</b>	<b>21.9</b>
Jul-18	3.161	24.6	7.7	45.769	8.7	6.7	48.930	9.6	6.7	3.371	103.9	7.6
Aug-18	3.429	16.3	8.3	43.442	1.4	6.3	46.871	2.3	6.4	2.721	-24.1	6.1
Sep-18	3.430	29.3	8.3	46.243	5.0	6.7	49.673	6.4	6.8	3.267	-23.0	7.4
<b>2nd Quarter</b>	<b>10.020</b>	<b>23.1</b>	<b>24.4</b>	<b>135.454</b>	<b>5.0</b>	<b>19.7</b>	<b>145.474</b>	<b>6.1</b>	<b>20.0</b>	<b>9.359</b>	<b>-1.3</b>	<b>21.1</b>
Oct-18	3.183	11.0	7.7	57.041	11.5	8.3	60.224	11.5	8.3	3.250	-6.7	7.3
Nov-18	3.012	-2.7	7.3	59.700	5.7	8.7	62.712	5.3	8.6	3.405	-4.1	7.7
Dec-18	3.516	-7.7	8.5	61.752	1.7	9.0	65.268	1.1	9.0	4.362	-11.6	9.9
<b>3rd Quarter</b>	<b>9.711</b>	<b>-0.6</b>	<b>23.6</b>	<b>178.493</b>	<b>6.0</b>	<b>26.0</b>	<b>188.204</b>	<b>5.7</b>	<b>25.8</b>	<b>11.017</b>	<b>-7.9</b>	<b>24.9</b>
Jan-19	3.795	-8.1	9.2	65.114	3.0	9.5	68.909	2.3	9.5	4.630	-8.6	10.5
Feb-19	3.654	-8.7	8.9	66.024	8.6	9.6	69.678	7.5	9.6	4.599	-3.4	10.4
Mar-19	4.752	-4.4	11.6	86.884	10.3	12.6	91.636	9.4	12.6	4.999	-17.6	11.3
<b>4th Quarter</b>	<b>12.201</b>	<b>-6.9</b>	<b>29.7</b>	<b>218.022</b>	<b>7.5</b>	<b>31.7</b>	<b>230.223</b>	<b>6.6</b>	<b>31.6</b>	<b>14.228</b>	<b>-10.5</b>	<b>32.1</b>
<b>2018-19</b>	<b>41.132</b>	<b>2.5</b>	<b>100.0</b>	<b>687.586</b>	<b>8.2</b>	<b>100.0</b>	<b>728.718</b>	<b>7.9</b>	<b>100.0</b>	<b>44.283</b>	<b>-5.1</b>	<b>100.0</b>

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

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

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**TABLE 2.5: MONTHLY PRODUCTION OF DIFFERENT TYPES OF COAL PRODUCTS IN 2018-19**

(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)
<b>2018-19</b>															
Apr-18	0.485	6.6	8.7	1.490	106.1	7.7	0.305	-5.6	8.7	0	-	-	1.045	-7.4	8.4
May-18	0.443	-5.1	8.0	1.552	78.8	8.0	0.261	-22.8	7.5	0	-	-	1.035	-5.0	8.3
Jun-18	0.418	-8.9	7.5	1.236	3.3	6.4	0.276	-2.8	7.9	0	-	-	1.009	-4.8	8.1
<b>1st Quarter</b>	<b>1.346</b>	<b>-2.5</b>	<b>24.2</b>	<b>4.278</b>	<b>53.5</b>	<b>22.1</b>	<b>0.842</b>	<b>-10.9</b>	<b>24.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>3.089</b>	<b>-5.8</b>	<b>24.8</b>
Jul-18	0.406	-4.7	7.3	1.162	-8.8	6.0	0.225	-21.3	6.4	0	-	-	0.973	-15.2	7.8
Aug-18	0.413	-9.8	7.4	1.462	12.0	7.6	0.298	0.7	8.5	0	-	-	1.049	-12.9	8.4
Sep-18	0.383	-15.3	6.9	1.367	20.4	7.1	0.249	-4.6	7.1	0	-	-	1.020	-13.2	8.2
<b>2nd Quarter</b>	<b>1.202</b>	<b>-10.0</b>	<b>21.6</b>	<b>3.991</b>	<b>7.5</b>	<b>20.6</b>	<b>0.772</b>	<b>-8.4</b>	<b>22.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>3.042</b>	<b>-13.8</b>	<b>24.4</b>
Oct-18	0.455	7.1	8.2	1.687	45.8	8.7	0.302	6.7	8.6	0	-	-	1.096	-6.8	8.8
Nov-18	0.451	-5.5	8.1	1.581	12.2	8.2	0.301	4.9	8.6	0	-	-	1.073	-7.8	8.6
Dec-18	0.506	0.2	9.1	1.796	72.4	9.3	0.301	9.9	8.6	0	-	-	1.020	-8.8	8.2
<b>3rd Quarter</b>	<b>1.412</b>	<b>0.4</b>	<b>25.4</b>	<b>5.064</b>	<b>40.4</b>	<b>26.2</b>	<b>0.904</b>	<b>7.1</b>	<b>25.8</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>3.189</b>	<b>-7.8</b>	<b>25.6</b>
Jan-19	0.526	-3.7	9.4	1.963	51.5	10.1	0.320	8.5	9.1	0	-	-	1.102	-9.4	8.9
Feb-19	0.527	-1.7	9.5	1.923	67.1	9.9	0.323	-8.5	9.2	0	-	-	0.907	-13.8	7.3
Mar-19	0.557	1.8	10.0	2.144	48.6	11.1	0.341	-12.6	9.7	0	-	-	1.114	-16.6	9.0
<b>4th Quarter</b>	<b>1.610</b>	<b>-1.2</b>	<b>28.9</b>	<b>6.030</b>	<b>55.0</b>	<b>31.1</b>	<b>0.984</b>	<b>-5.2</b>	<b>28.1</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>3.123</b>	<b>-13.4</b>	<b>25.1</b>
<b>2018-19</b>	<b>5.570</b>	<b>-3.2</b>	<b>100.0</b>	<b>19.363</b>	<b>38.3</b>	<b>100.0</b>	<b>3.502</b>	<b>-4.6</b>	<b>100.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>12.443</b>	<b>-10.3</b>	<b>100.0</b>

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

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

(3) The above figures relates to Washeries (public & private) of only coal producing companies.

Private washeries ( only washeries, having no coal blocks ) 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	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2009-10	0.251	1.2	76.8	1.113	0.2	10.3	109.953	20.7	7.9
2010-11	0.299	1.4	19.1	1.101	0.2	-1.1	113.825	21.4	3.5
2011-12	0.221	1.0	-26.1	0.602	0.1	-45.3	113.958	21.1	0.1
2012-13	0.073	0.3	-67.0	0.605	0.1	0.5	117.830	21.2	3.4
2013-14	0	-	-	0.664	0.1	9.8	127.095	22.5	7.9
2014-15	0	-	-	0.779	0.1	17.3	134.764	22.1	6.0
2015-16	0	-	-	0.487	0.1	-37.5	130.605	20.4	-3.1
2016-17	0	-	-	0.600	0.1	23.2	138.525	21.1	6.1
2017-18	0	-	-	0.781	0.1	30.2	142.546	21.1	2.9
2018-19	0	-	-	0.784	0.1	0.4	161.893	22.2	13.6

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)
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	124.143	20.4	9.8	87.609	14.4	15.9
2015-16	0.013	0.0	0.0	121.067	18.9	-2.5	107.714	16.9	22.9
2016-17	0.010	0.0	-23.1	126.435	19.2	4.4	105.013	16.0	-2.5
2017-18	0.014	0.0	40.0	123.297	18.3	-2.5	112.127	16.6	6.8
2018-19	0.013	0.0	-7.1	134.666	18.5	9.2	118.661	16.3	5.8

Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2009-10	41.005	7.7	5.9	5.767	1.1	4.8	106.409	20.0	8.1
2010-11	39.336	7.4	-4.1	6.974	1.3	17.3	102.565	19.3	-3.6
2011-12	39.159	7.3	-0.4	7.206	1.3	3.2	105.476	19.5	2.8
2012-13	39.134	7.0	-0.1	5.640	1.0	-27.8	110.132	19.8	4.4
2013-14	37.223	6.6	-4.9	5.732	1.0	1.6	112.917	20.0	2.5
2014-15	38.257	6.3	2.8	2.524	0.4	-127.1	123.627	20.3	9.5
2015-16	38.351	6.0	0.2	3.712	0.6	32.0	138.461	21.7	12.0
2016-17	40.559	6.2	5.8	2.308	0.4	-60.8	139.359	21.2	0.6
2017-18	42.219	6.3	4.1	1.529	0.2	-50.9	143.328	21.2	2.8
2018-19	49.818	6.8	18.0	0.000	0.0	0.0	144.312	19.8	0.7

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

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

Contd.....

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

(Quantity in Million Tonnes)

Year	Telangana			Uttar Pradesh			West Bengal		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2009-10	50.429	9.5	13.2	13.968	2.6	16.1	23.133	4.3	1.0
2010-11	51.333	9.6	1.8	15.526	2.9	11.2	21.659	4.1	-6.4
2011-12	52.211	9.7	1.7	16.178	3.0	4.2	24.230	4.5	11.9
2012-13	53.190	9.6	1.9	16.090	2.9	-0.5	26.467	4.8	9.2
2013-14	50.469	8.9	-5.1	14.721	2.6	-8.5	28.244	5.0	6.7
2014-15	52.536	8.6	4.1	14.957	2.5	1.6	29.970	4.9	6.1
2015-16	60.380	9.4	14.9	12.689	2.0	-15.2	25.751	4.0	-14.1
2016-17	61.336	9.3	1.6	16.056	2.4	26.5	27.667	4.2	7.4
2017-18	62.010	9.2	1.1	18.309	2.7	14.0	29.240	4.3	5.7
2018-19	65.160	8.9	5.1	20.275	2.8	10.7	33.136	4.5	13.3

Year	ALL INDIA	
	Quantity	Growth (%)
(41)	(42)	(43)
2009-10	<b>532.042</b>	<b>8.0</b>
2010-11	<b>532.694</b>	<b>0.1</b>
2011-12	<b>539.950</b>	<b>1.4</b>
2012-13	<b>556.402</b>	<b>3.0</b>
2013-14	<b>565.765</b>	<b>1.7</b>
2014-15	<b>609.179</b>	<b>7.7</b>
2015-16	<b>639.230</b>	<b>4.9</b>
2016-17	<b>657.868</b>	<b>2.9</b>
2017-18	<b>675.400</b>	<b>2.7</b>
2018-19	<b>728.718</b>	<b>7.9</b>

**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)
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	12.317	25.5	6.3	10.763	24.3	41.1
2015-16	24.227	55.3	-3.8	10.123	23.1	-17.8	9.492	21.7	-11.8
2016-17	26.204	57.9	8.2	10.546	23.3	4.2	8.480	18.7	-10.7
2017-18	23.569	50.5	-10.1	13.781	29.5	30.7	9.294	19.9	9.6
2018-19	23.041	52.0	-2.2	12.565	28.4	-8.8	8.677	19.6	-6.6

Year	ALL INDIA	
	Quantity	Growth (%)
(11)	(12)	(13)
2009-10	<b>34.071</b>	5.1
2010-11	<b>37.733</b>	10.7
2011-12	<b>42.332</b>	12.2
2012-13	<b>46.453</b>	9.7
2013-14	<b>44.271</b>	-4.7
2014-15	<b>48.270</b>	9.0
2015-16	<b>43.842</b>	-9.2
2016-17	<b>45.230</b>	3.2
2017-18	<b>46.644</b>	3.1
2018-19	<b>44.283</b>	-5.1

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

( Quantity in Million Tonnes )

State	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)
<b>COKING</b>					
Chhattisgarh	0.126	0.135	0.110	0.182	0.247
Jharkhand	56.430	58.548	59.604	38.768	39.641
Madhya Pradesh	0.310	0.209	0.131	0.180	0.188
West Bengal	0.580	1.995	1.816	1.018	1.056
<b>Total Coking</b>	<b>57.446</b>	<b>60.887</b>	<b>61.661</b>	<b>40.148</b>	<b>41.132</b>
<b>NON-COKING</b>					
Arunachal Pradesh	0.000	0.000	0.000	0.000	0.000
Assam	0.779	0.487	0.600	0.781	0.784
Chhattisgarh	134.638	130.470	138.415	142.364	161.646
Jammu & Kashmir	0.013	0.013	0.010	0.014	0.013
Jharkhand	67.713	62.519	66.831	84.529	95.025
Madhya Pradesh	87.299	107.505	104.882	111.947	118.473
Maharashtra	38.257	38.351	40.559	42.219	49.818
Meghalaya	2.524	3.712	2.308	1.529	0.000
Odisha	123.627	138.461	139.359	143.328	144.312
Telangana	52.536	60.380	61.336	62.010	65.160
Uttar Pradesh	14.957	12.689	16.056	18.309	20.275
West Bengal	29.390	23.756	25.851	28.222	32.080
<b>Total Non-Coking</b>	<b>551.733</b>	<b>578.343</b>	<b>596.207</b>	<b>635.252</b>	<b>687.586</b>
<b>Total Coal</b>	<b>609.179</b>	<b>639.230</b>	<b>657.868</b>	<b>675.400</b>	<b>728.718</b>

**TABLE 2.9 : STATEWISE PRODUCTION OF LIGNITE IN LAST FIVE YEARS**

( Quantity in Million Tonnes )

State	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	12.317	10.123	10.546	13.781	12.565
Rajasthan	10.763	9.492	8.480	9.294	8.677
Tamilnadu	25.190	24.227	26.204	23.569	23.041
<b>TOTAL</b>	<b>48.270</b>	<b>43.842</b>	<b>45.230</b>	<b>46.644</b>	<b>44.283</b>

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

[Quantity in Million Tonnes]

Company	2016-17			2017-18			2018-19		
	Coking	Non-coking	Total	Coking	Non-coking	Total	Coking	Non-coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.031	40.486	<b>40.517</b>	0.034	43.534	<b>43.568</b>	0.029	50.131	<b>50.160</b>
BCCL	32.393	4.644	<b>37.037</b>	23.304	9.303	<b>32.607</b>	24.339	6.700	<b>31.039</b>
CCL	21.988	45.059	<b>67.047</b>	9.577	53.828	<b>63.405</b>	9.340	59.381	<b>68.721</b>
NCL		84.096	<b>84.096</b>		93.018	<b>93.018</b>	0.000	101.503	<b>101.503</b>
WCL	0.131	45.501	<b>45.632</b>	0.180	46.040	<b>46.220</b>	0.188	52.992	<b>53.180</b>
SECL	0.110	134.569	<b>134.679</b>	0.182	139.973	<b>140.155</b>	0.247	152.150	<b>152.397</b>
SECL(GP-IV/2&3)		4.480	<b>4.480</b>		3.227	<b>3.227</b>		3.271	<b>3.271</b>
SECL(GP-IV/1)		0.844	<b>0.844</b>		1.327	<b>1.327</b>		1.681	<b>1.681</b>
MCL		139.208	<b>139.208</b>		143.058	<b>143.058</b>		144.151	<b>144.151</b>
NEC		0.600	<b>0.600</b>		0.781	<b>0.781</b>		0.784	<b>0.784</b>
<b>CIL</b>	<b>54.653</b>	<b>499.487</b>	<b>554.140</b>	<b>33.277</b>	<b>534.089</b>	<b>567.366</b>	<b>34.143</b>	<b>572.744</b>	<b>606.887</b>
SCCL		61.336	<b>61.336</b>		62.010	<b>62.010</b>		64.401	<b>64.401</b>
JKML		0.010	<b>0.010</b>		0.014	<b>0.014</b>		0.013	<b>0.013</b>
DVC	0.152		<b>0.152</b>	0.047		<b>0.047</b>			<b>0.000</b>
IISCO	0.540	0.226	<b>0.766</b>	0.415	0.378	<b>0.793</b>	0.443	0.300	<b>0.743</b>
SAIL		0.000	<b>0.000</b>	0.185	0.000	<b>0.185</b>			<b>0.000</b>
JSMDCL		0.297	<b>0.297</b>		0.351	<b>0.351</b>		0.228	<b>0.228</b>
RRVUNL		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
NTPC		0.228	<b>0.228</b>		2.679	<b>2.679</b>		7.311	<b>7.311</b>
WBPDCCL								0.400	<b>0.400</b>
<b>Total Public</b>	<b>55.345</b>	<b>569.851</b>	<b>625.196</b>	<b>33.924</b>	<b>607.850</b>	<b>641.774</b>	<b>34.586</b>	<b>660.397</b>	<b>694.983</b>
TSL	6.316	0.000	<b>6.316</b>	6.224	0.000	<b>6.224</b>	6.546	0.000	<b>6.546</b>
Meghalaya		2.308	<b>2.308</b>		1.529	<b>1.529</b>			<b>0.000</b>
BALCO		0.180	<b>0.180</b>		0.000	<b>0.000</b>		0.667	<b>0.667</b>
CESC		1.742	<b>1.742</b>		1.878	<b>1.878</b>		1.856	<b>1.856</b>
GMR		0.151	<b>0.151</b>		0.270	<b>0.270</b>		0.000	<b>0.000</b>
HIL		2.000	<b>2.000</b>		2.414	<b>2.414</b>		2.173	<b>2.173</b>
JPVL		2.800	<b>2.800</b>		2.800	<b>2.800</b>		2.800	<b>2.800</b>
SIL		0.153	<b>0.153</b>		0.270	<b>0.270</b>		0.270	<b>0.270</b>
SPL		16.997	<b>16.997</b>		18.003	<b>18.003</b>		18.000	<b>18.000</b>
RCCPL		0.025	<b>0.025</b>		0.063	<b>0.063</b>		0.103	<b>0.103</b>
TUML					0.175	<b>0.175</b>		0.300	<b>0.300</b>
OCL								0.161	<b>0.161</b>
AMBUJA								0.100	<b>0.100</b>
TSPGCL								0.759	<b>0.759</b>
<b>Total Private</b>	<b>6.316</b>	<b>26.356</b>	<b>32.672</b>	<b>6.224</b>	<b>27.402</b>	<b>33.626</b>	<b>6.546</b>	<b>27.189</b>	<b>33.735</b>
<b>ALL INDIA</b>	<b>61.661</b>	<b>596.207</b>	<b>657.868</b>	<b>40.148</b>	<b>635.252</b>	<b>675.400</b>	<b>41.132</b>	<b>687.586</b>	<b>728.718</b>
<b>LIGNITE</b>									
NLC			<b>27.617</b>			<b>25.153</b>			<b>24.250</b>
GMDCL			<b>7.652</b>			<b>10.601</b>			<b>9.160</b>
GIPCL			<b>2.816</b>			<b>3.123</b>			<b>3.312</b>
RSMML			<b>0.549</b>			<b>1.019</b>			<b>1.318</b>
GHCL			<b>0.078</b>			<b>0.057</b>			<b>0.093</b>
VSLPPL			<b>0.508</b>			<b>0.426</b>			<b>0.305</b>
BLMCL			<b>6.010</b>			<b>6.265</b>			<b>5.845</b>
<b>ALL INDIA</b>			<b>45.230</b>			<b>46.644</b>			<b>44.283</b>
<b>COAL &amp; LIGNITE</b>			<b>703.098</b>			<b>722.044</b>			<b>773.001</b>

**TABLE 2.11: STATEWISE AND COMPANYWISE PRODUCTION OF RAW COAL BY TYPES IN LAST THREE YEARS**  
[ Quantity in Million Tonnes ]

States	Coal Company	2016-2017			2017-2018			2018-2019		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>Assam</b>	<b>NEC</b>		0.600	<b>0.600</b>		0.781	<b>0.781</b>	0.000	0.784	<b>0.784</b>
Chhattisgarh	SECL	0.110	122.644	<b>122.754</b>	0.182	127.867	<b>128.049</b>	0.247	139.552	<b>139.799</b>
Chhattisgarh	SECL(GP-IV/2&3)		4.480	<b>4.480</b>		3.227	<b>3.227</b>		3.271	<b>3.271</b>
Chhattisgarh	SECL(GP-IV/1)		0.844	<b>0.844</b>		1.327	<b>1.327</b>		1.681	<b>1.681</b>
Chhattisgarh	HIL (GP-IV/4)		1.000	<b>1.000</b>		0.939	<b>0.939</b>		0.838	<b>0.838</b>
Chhattisgarh	HIL (GP-IV/5)		1.000	<b>1.000</b>		0.675	<b>0.675</b>		0.537	<b>0.537</b>
Chhattisgarh	BALCO		0.180	<b>0.180</b>		0.000	<b>0.000</b>		0.667	<b>0.667</b>
Chhattisgarh	RRVUNL		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
Chhattisgarh	AMBUJA								0.100	<b>0.100</b>
<b>Chhattisgarh</b>	<b>Total</b>	<b>0.110</b>	<b>138.415</b>	<b>138.525</b>	<b>0.182</b>	<b>142.364</b>	<b>142.546</b>	<b>0.247</b>	<b>161.646</b>	<b>161.893</b>
<b>Jammu &amp; Kashmir</b>	<b>JKML</b>		<b>0.010</b>	<b>0.010</b>		<b>0.014</b>	<b>0.014</b>	<b>0.000</b>	<b>0.013</b>	<b>0.013</b>
Jharkhand	ECL	0.031	16.903	<b>16.934</b>	0.034	17.930	<b>17.964</b>	0.029	20.736	<b>20.765</b>
Jharkhand	BCCL	30.577	4.318	<b>34.895</b>	22.286	8.940	<b>31.226</b>	23.283	6.568	<b>29.851</b>
Jharkhand	CCL	21.988	45.059	<b>67.047</b>	9.577	53.828	<b>63.405</b>	9.340	59.381	<b>68.721</b>
Jharkhand	JSMDCL		0.297	<b>0.297</b>		0.351	<b>0.351</b>		0.228	<b>0.228</b>
Jharkhand	DVC	0.152		<b>0.152</b>	0.047		<b>0.047</b>			<b>0.000</b>
Jharkhand	IISCO	0.540	0.026	<b>0.566</b>	0.415	0.001	<b>0.416</b>	0.443	0.003	<b>0.446</b>
Jharkhand	SAIL				0.185		<b>0.185</b>			<b>0.000</b>
Jharkhand	NTPC		0.228	<b>0.228</b>		2.679	<b>2.679</b>		7.311	<b>7.311</b>
Jharkhand	TSL	6.316		<b>6.316</b>	6.224		<b>6.224</b>	6.546		<b>6.546</b>
Jharkhand	HIL_KOC					0.800	<b>0.800</b>		0.798	<b>0.798</b>
<b>Jharkhand</b>	<b>Total</b>	<b>59.604</b>	<b>66.831</b>	<b>126.435</b>	<b>38.768</b>	<b>84.529</b>	<b>123.297</b>	<b>39.641</b>	<b>95.025</b>	<b>134.666</b>
Madhya Pradesh	NCL		68.040	<b>68.040</b>		74.709	<b>74.709</b>		81.228	<b>81.228</b>
Madhya Pradesh	WCL	0.131	5.095	<b>5.226</b>	0.180	4.266	<b>4.446</b>	0.188	3.744	<b>3.932</b>
Madhya Pradesh	SECL		11.925	<b>11.925</b>		12.106	<b>12.106</b>		12.598	<b>12.598</b>
Madhya Pradesh	SPL		16.997	<b>16.997</b>		18.003	<b>18.003</b>		18.000	<b>18.000</b>
Madhya Pradesh	JPVL		2.800	<b>2.800</b>		2.800	<b>2.800</b>		2.800	<b>2.800</b>
Madhya Pradesh	RCCPL		0.025	<b>0.025</b>		0.063	<b>0.063</b>		0.103	<b>0.103</b>
<b>Madhya Pradesh</b>	<b>Total</b>	<b>0.131</b>	<b>104.882</b>	<b>105.013</b>	<b>0.180</b>	<b>111.947</b>	<b>112.127</b>	<b>0.188</b>	<b>118.473</b>	<b>118.661</b>
Maharashtra	WCL		40.406	<b>40.406</b>		41.774	<b>41.774</b>		49.248	<b>49.248</b>
Maharashtra	SIL		0.153	<b>0.153</b>		0.270	<b>0.270</b>		0.270	<b>0.270</b>
Maharashtra	TUML					0.175	<b>0.175</b>		0.300	<b>0.300</b>
<b>Maharashtra</b>	<b>Total</b>	<b>0</b>	<b>40.559</b>	<b>40.559</b>		<b>42.219</b>	<b>42.219</b>	<b>0.000</b>	<b>49.818</b>	<b>49.818</b>
<b>Meghalaya</b>	<b>MEG</b>		<b>2.308</b>	<b>2.308</b>		<b>1.529</b>	<b>1.529</b>			<b>0.000</b>
Odisha	MCL		139.208	<b>139.208</b>		143.058	<b>143.058</b>		144.151	<b>144.151</b>
Odisha	GMR		0.151	<b>0.151</b>		0.270	<b>0.270</b>		0.000	<b>0.000</b>
Odisha	OCL								0.161	<b>0.161</b>
<b>Odisha</b>	<b>Total</b>		<b>139.359</b>	<b>139.359</b>		<b>143.328</b>	<b>143.328</b>	<b>0.000</b>	<b>144.312</b>	<b>144.312</b>
Telangana	SCCL		61.336	<b>61.336</b>		62.010	<b>62.010</b>		64.401	<b>64.401</b>
Telangana	TSPGCL								0.759	<b>0.759</b>
<b>Telangana</b>	<b>Total</b>	<b>0.000</b>	<b>61.336</b>	<b>61.336</b>	<b>0.000</b>	<b>62.010</b>	<b>62.010</b>	<b>0.000</b>	<b>65.160</b>	<b>65.160</b>
<b>Uttar Pradesh</b>	<b>NCL</b>		<b>16.056</b>	<b>16.056</b>		<b>18.309</b>	<b>18.309</b>	<b>0.000</b>	<b>20.275</b>	<b>20.275</b>
West Bengal	ECL		23.583	<b>23.583</b>		25.604	<b>25.604</b>		29.395	<b>29.395</b>
West Bengal	BCCL	1.816	0.326	<b>2.142</b>	1.018	0.363	<b>1.381</b>	1.056	0.132	<b>1.188</b>
West Bengal	IISCO		0.200	<b>0.200</b>		0.377	<b>0.377</b>		0.297	<b>0.297</b>
West Bengal	CESC		1.742	<b>1.742</b>		1.878	<b>1.878</b>		1.856	<b>1.856</b>
West Bengal	WBPDCL								0.400	<b>0.400</b>
<b>West Bengal</b>	<b>Total</b>	<b>1.816</b>	<b>25.851</b>	<b>27.667</b>	<b>1.018</b>	<b>28.222</b>	<b>29.240</b>	<b>1.056</b>	<b>32.080</b>	<b>33.136</b>
<b>Total Public</b>		<b>55.345</b>	<b>569.851</b>	<b>625.196</b>	<b>33.924</b>	<b>605.171</b>	<b>639.095</b>	<b>34.586</b>	<b>660.397</b>	<b>694.983</b>
<b>Total Private</b>	<b>TOTAL</b>	<b>6.316</b>	<b>26.356</b>	<b>32.672</b>	<b>6.224</b>	<b>30.081</b>	<b>36.305</b>	<b>6.546</b>	<b>27.189</b>	<b>33.735</b>
<b>All India</b>		<b>61.661</b>	<b>596.207</b>	<b>657.868</b>	<b>40.148</b>	<b>635.252</b>	<b>675.400</b>	<b>41.132</b>	<b>687.586</b>	<b>728.718</b>



**TABLE 2.12 : CAPTIVE BLOCK WISE PRODUCTION OF RAW COAL DURING LAST THREE YEARS**

(Quantity in Million Tonnes)

Block	Company	State	2016-17			2017-18			2018-19		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2 & 3	SECL	Chhattisgarh		4.480	<b>4.480</b>		3.227	<b>3.227</b>		3.271	<b>3.271</b>
Gare Palma IV/1	SECL	Chhattisgarh		0.844	<b>0.844</b>		1.327	<b>1.327</b>		1.681	<b>1.681</b>
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
Pakri Barwadih	NTPC	Jharkhand		0.228	<b>0.228</b>		2.679	<b>2.679</b>		6.810	<b>6.810</b>
Dulanga	NTPC	Jharkhand								0.501	<b>0.501</b>
Tasra	SAIL	Jharkhand				0.185		<b>0.185</b>			<b>0.000</b>
Barjore	WBPDCCL	West Bengal								0.400	<b>0.400</b>
<b>Total Public</b>			<b>0.000</b>	<b>13.819</b>	<b>13.819</b>	<b>0.185</b>	<b>15.562</b>	<b>15.747</b>	<b>0.000</b>	<b>27.663</b>	<b>27.663</b>
Gare Palma IV/4	HIL	Chhattisgarh		1.000	<b>1.000</b>		0.939	<b>0.939</b>		0.838	<b>0.838</b>
Gare Palma IV/5	HIL	Chhattisgarh		1.000	<b>1.000</b>		0.675	<b>0.675</b>		0.537	<b>0.537</b>
Kathautia	HIL	Jharkhand					0.800	<b>0.800</b>		0.798	<b>0.798</b>
Amelia North	JPVL	Madhya Pradesh		2.800	<b>2.800</b>		2.800	<b>2.800</b>		2.800	<b>2.800</b>
Belgaon	SIL	Maharashtra		0.153	<b>0.153</b>		0.270	<b>0.270</b>		0.270	<b>0.270</b>
Chotia	BALCO	Chhattisgarh		0.180	<b>0.180</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
Chotia II	BALCO	Chhattisgarh								0.667	<b>0.667</b>
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		16.997	<b>16.997</b>		18.003	<b>18.003</b>		18.000	<b>18.000</b>
Sarshatali	CESC	West Bengal		1.742	<b>1.742</b>		1.878	<b>1.878</b>		1.856	<b>1.856</b>
Talabira I	GMR	Odisha		0.151	<b>0.151</b>		0.270	<b>0.270</b>		0.000	<b>0.000</b>
Sial Ghogri	RCCPL	Madhya Pradesh		0.025	<b>0.025</b>		0.063	<b>0.063</b>		0.103	<b>0.103</b>
Marki Mangli I	TUML	Maharashtra					0.175	<b>0.175</b>		0.300	<b>0.300</b>
Ardhagram	OCL	Odisha								0.161	<b>0.161</b>
Gare Palma IV/8	AMBUJA	Chhattisgarh								0.100	<b>0.100</b>
Tadicherla	TSPGCL	Telangana								0.759	<b>0.759</b>
<b>Total Private</b>			<b>0.000</b>	<b>24.048</b>	<b>24.048</b>	<b>0.000</b>	<b>25.873</b>	<b>25.873</b>	<b>0.000</b>	<b>27.189</b>	<b>27.189</b>
<b>Grand Total</b>			<b>0.000</b>	<b>37.867</b>	<b>37.867</b>	<b>0.185</b>	<b>41.435</b>	<b>41.620</b>	<b>0.000</b>	<b>54.852</b>	<b>54.852</b>

**TABLE 2.13: GRADEWISE RAW COAL PRODUCTION OF COKING COAL BY COMPANIES IN 2018-19**

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE												
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	SLV1	Washery Feed	Met Coal	Non Met	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(9)	(10)	(11)	(12)	(13)
ECL						0.029						0.029	<b>0.029</b>
BCCL	0.035			0.058	2.736	3.280	18.230				24.339	0.000	<b>24.339</b>
CCL					1.153	2.463	5.722	0.002			3.568	5.772	<b>9.340</b>
NCL												0.000	<b>0.000</b>
WCL							0.188				0.188	0.000	<b>0.188</b>
SECL			0.247									0.247	<b>0.247</b>
SECL(GP-IV/2&3)												0.000	<b>0.000</b>
SECL(GP-1)												0.000	<b>0.000</b>
MCL												0.000	<b>0.000</b>
NEC												0.000	<b>0.000</b>
<b>CIL</b>	<b>0.035</b>	<b>0.000</b>	<b>0.247</b>	<b>0.058</b>	<b>3.889</b>	<b>5.772</b>	<b>24.140</b>	<b>0.002</b>	<b>0.000</b>	<b>0.000</b>	<b>28.095</b>	<b>6.048</b>	<b>34.143</b>
SCCL												0.000	<b>0.000</b>
JKML												0.000	<b>0.000</b>
DVC												0.000	<b>0.000</b>
IISCO						0.168	0.275			0.000	0.443	0.000	<b>0.443</b>
SAIL												0.000	<b>0.000</b>
JSMDC												0.000	<b>0.000</b>
RRVUNL												0.000	<b>0.000</b>
NTPC												0.000	<b>0.000</b>
WBPDC												0.000	<b>0.000</b>
<b>Total Public</b>	<b>0.035</b>	<b>0.000</b>	<b>0.247</b>	<b>0.058</b>	<b>3.889</b>	<b>5.940</b>	<b>24.415</b>	<b>0.002</b>	<b>0.000</b>	<b>0.000</b>	<b>28.538</b>	<b>6.048</b>	<b>34.586</b>
TSL					0.449	0.637	5.460				6.546	0.000	<b>6.546</b>
CESC											0.000	0.000	<b>0.000</b>
HIL											0.000	0.000	<b>0.000</b>
SPL											0.000	0.000	<b>0.000</b>
GMR											0.000	0.000	<b>0.000</b>
BALCO											0.000	0.000	<b>0.000</b>
SIL											0.000	0.000	<b>0.000</b>
JPVL											0.000	0.000	<b>0.000</b>
RCCPL											0.000	0.000	<b>0.000</b>
TUML											0.000	0.000	<b>0.000</b>
OCL											0.000	0.000	<b>0.000</b>
AMBUJA											0.000	0.000	<b>0.000</b>
TSPGCL											0.000	0.000	<b>0.000</b>
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.449</b>	<b>0.637</b>	<b>5.460</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>6.546</b>	<b>0.000</b>	<b>6.546</b>
<b>ALL INDIA</b>	<b>0.035</b>	<b>0.000</b>	<b>0.247</b>	<b>0.058</b>	<b>4.338</b>	<b>6.577</b>	<b>29.875</b>	<b>0.002</b>	<b>0.000</b>	<b>0.000</b>	<b>35.084</b>	<b>6.048</b>	<b>41.132</b>

~ Provisional Coal Statistics 2018-19 ~

**TABLE 2.14: GRADEWISE RAW COAL PRODUCTION OF NON COKING COAL BY COMPANIES IN 2018-19**

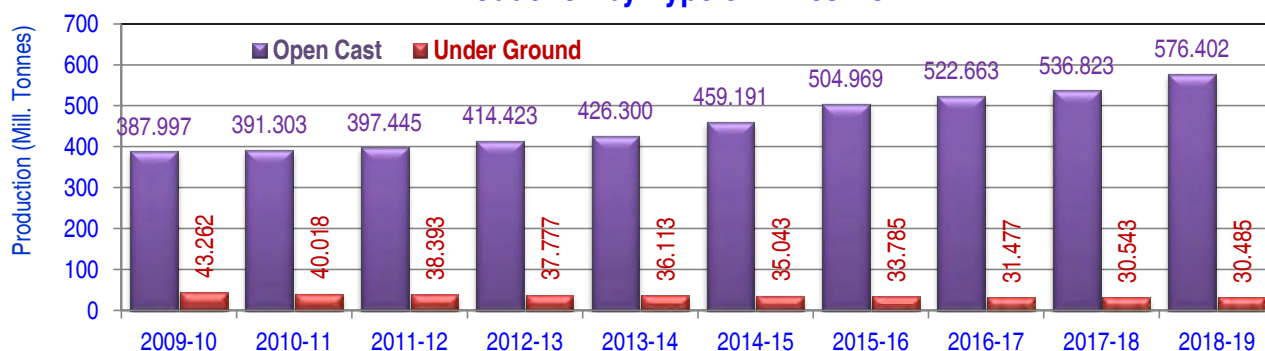
(Quantity in Million Tonnes)

Companies	NON-COKING COAL GRADE																				Total N-Coking	Total Coal
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	UNG	Washery Feed			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	
ECL			1.670	14.507	8.977	1.941	4.595	1.442		0.097			16.902								50.131	50.160
BCCL				0.000	0.038	0.320	0.330	4.555	1.354	0.103											6.700	31.039
CCL					0.167	0.002	1.902	7.970	9.468	14.030	16.252	4.216	4.837	0.537							59.381	68.721
NCL							24.424	24.842	0.339	27.046	18.440	6.412									101.503	101.503
WCL						0.110	0.487	1.874	7.984	19.201	11.424	8.837	3.075								52.992	53.180
SECL			1.642	0.458	2.879	4.453	6.472	5.494	1.370	7.955	110.969	1.100	4.956	1.419	2.631	0.352	0.000				152.150	152.397
SECL(GP-IV/2&3)												0.222		0.254		2.795					3.271	3.271
SECL(GP-1)												0.177			0.441		1.063				1.681	1.681
MCL								0.107	0.315	0.320	0.387	42.175	65.566	35.281							144.151	144.151
NEC	0.087	0.480	0.002	0.053		0.162															0.784	0.784
<b>CIL</b>	<b>0.087</b>	<b>0.480</b>	<b>3.314</b>	<b>15.018</b>	<b>12.061</b>	<b>6.988</b>	<b>38.210</b>	<b>46.284</b>	<b>20.830</b>	<b>68.752</b>	<b>157.472</b>	<b>63.139</b>	<b>95.336</b>	<b>37.491</b>	<b>3.072</b>	<b>3.147</b>	<b>1.063</b>	<b>0.000</b>	<b>0.000</b>	<b>572.744</b>	<b>606.887</b>	
SCCL					0.736		2.496	6.480	7.729	6.691	14.349	2.159	15.371	3.547	3.813	0.700	0.205	0.125			64.401	64.401
JKML																		0.013			0.013	0.013
DVC																					0.000	0.000
IISCO				0.155		0.145															0.300	0.743
SAIL																					0.000	0.000
JSMDCL												0.228									0.228	0.228
RRVUNL												13.172					1.828				15.000	15.000
NTPC									6.810					0.501							7.311	7.311
WBPDCCL							0.400														0.400	0.400
<b>Total Public</b>	<b>0.087</b>	<b>0.480</b>	<b>3.314</b>	<b>15.173</b>	<b>12.797</b>	<b>7.133</b>	<b>41.106</b>	<b>52.764</b>	<b>35.369</b>	<b>75.443</b>	<b>184.993</b>	<b>65.526</b>	<b>111.208</b>	<b>41.038</b>	<b>6.885</b>	<b>3.847</b>	<b>3.096</b>	<b>0.138</b>	<b>0.000</b>	<b>660.397</b>	<b>694.983</b>	
TSL																					0.000	6.546
CESC												1.856									1.856	1.856
HIL						0.798	0.242		0.223		0.438	0.472									2.173	2.173
SPL										8.524	9.476										18.000	18.000
GMR																					0.000	0.000
BALCO								0.526			0.141										0.667	0.667
SIL								0.270													0.270	0.270
JPVL												2.800									2.800	2.800
RCCPL								0.103													0.103	0.103
TUML													0.300								0.300	0.300
OCL							0.161														0.161	0.161
AMBUJA										0.100											0.100	0.100
TSPGCL								0.759													0.759	0.759
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.798</b>	<b>0.403</b>	<b>1.658</b>	<b>0.223</b>	<b>8.624</b>	<b>14.711</b>	<b>0.772</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>27.189</b>	<b>33.735</b>	
<b>ALL INDIA</b>	<b>0.087</b>	<b>0.480</b>	<b>3.314</b>	<b>15.173</b>	<b>12.797</b>	<b>7.931</b>	<b>41.509</b>	<b>54.422</b>	<b>35.592</b>	<b>84.067</b>	<b>199.704</b>	<b>66.298</b>	<b>111.208</b>	<b>41.038</b>	<b>6.885</b>	<b>3.847</b>	<b>3.096</b>	<b>0.138</b>	<b>0.000</b>	<b>687.586</b>	<b>728.718</b>	

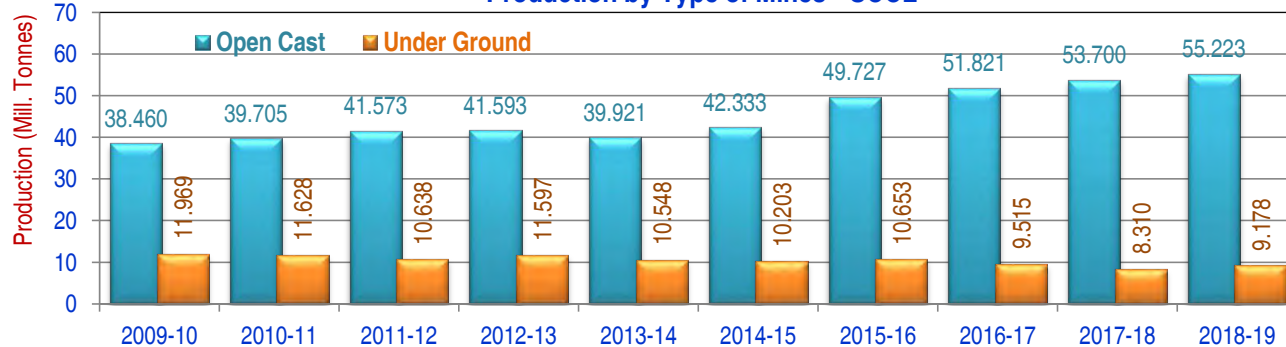
**TABLE 2.15: TRENDS OF PRODUCTION OF RAW COAL FROM OPENCAST AND UNDERGROUND MINES IN LAST TEN YEARS**  
(Quantity in Million Tonnes)

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)
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
2015-16	504.969	49.727	592.822	92.74	5.12	33.785	10.653	46.408	7.26	-4.24	639.230	4.38
2016-17	522.663	51.821	613.518	93.26	3.49	31.477	9.515	44.350	6.74	-4.43	657.868	2.92
2017-18	536.823	53.700	633.569	93.81	3.27	30.543	8.310	41.831	6.19	-5.68	675.400	2.66
2018-19	576.402	55.223	686.212	94.17	8.31	30.485	9.178	42.506	5.83	1.61	728.718	7.89

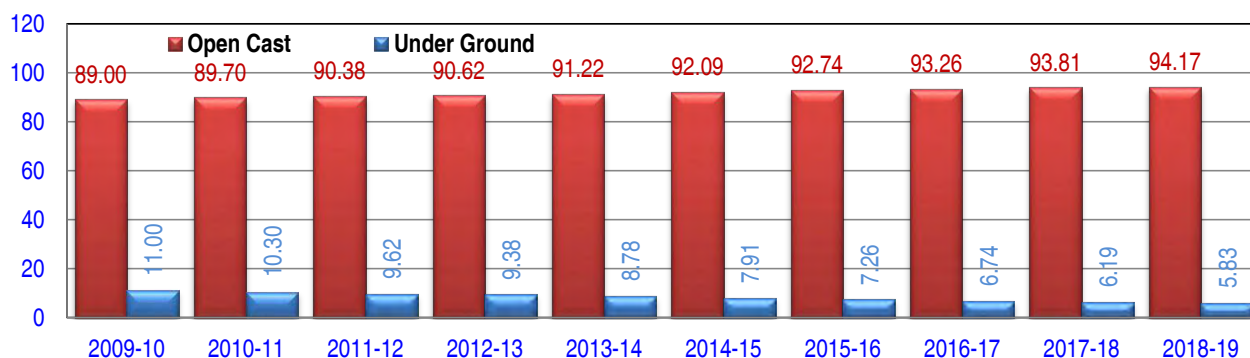
**Production by Type of Mines - CIL**



**Production by Type of Mines - SCCL**



**Percentage Distribution of Production by Type of Mines - INDIA**



**TABLE 2.16 : COMPANY WISE PRODUCTION OF RAW COAL FROM OPENCAST AND UNDER GROUND MINES IN TWO YEARS**  
(Quantity in Million Tonnes)

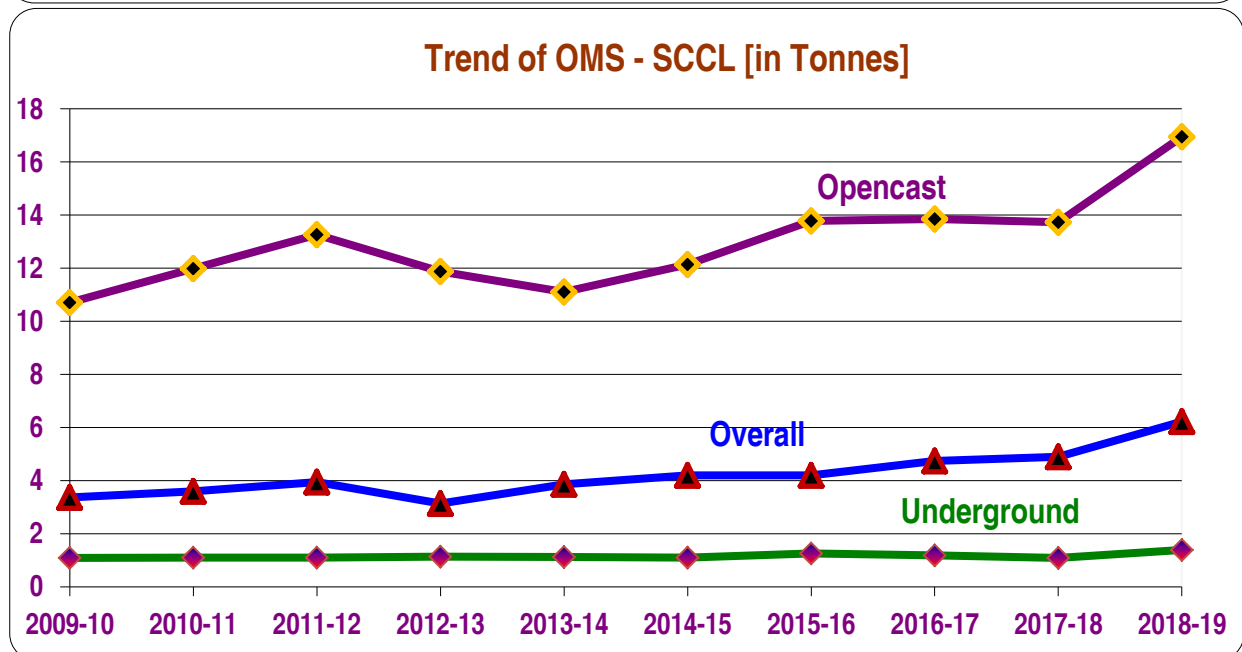
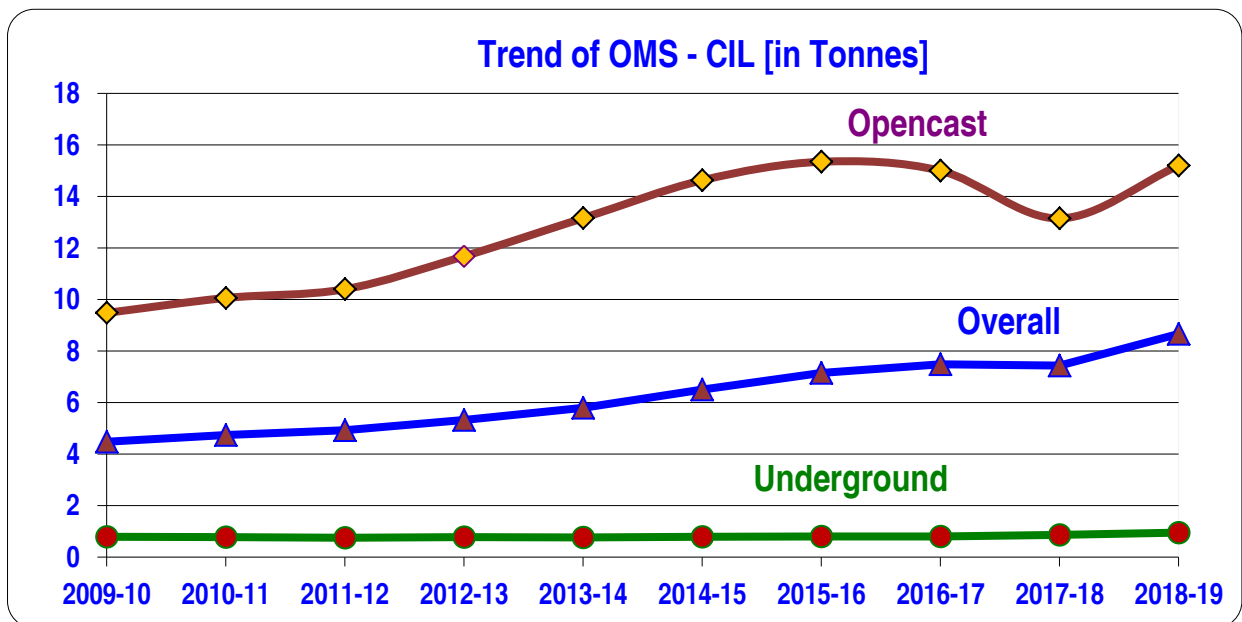
COMPANIES	Y E A R 2017 - 2018						Y E A R 2018 - 2019					
	OPENCAST			UNDER GROUND			OPENCAST			UNDER GROUND		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	34.965	5.52	7.95	8.603	20.57	5.86	41.099	5.99	17.54	9.061	21.32	5.32
BCCL	31.531	4.98	-10.82	1.076	2.57	-35.91	30.139	4.39	-4.41	0.900	2.12	-16.36
CCL	63.000	9.94	-4.99	0.405	0.97	-45.05	68.406	9.97	8.58	0.315	0.74	-22.22
NCL	93.018	14.68	10.61				101.503	14.79	9.12			
WCL	41.266	6.51	2.49	4.954	11.84	-7.71	48.615	7.08	17.81	4.565	10.74	-7.85
SECL	125.694	19.84	4.63	14.461	34.57	-0.60	137.624	20.06	9.49	14.773	34.76	2.16
SECL(GP-IV/2&3)	3.227	0.51	-27.97				3.271	0.48	1.36			
SECL(GP-IV/1)	1.327	0.21	57.23				1.681	0.24	26.68			
MCL	142.017	22.42	2.77	1.041	2.49	2.56	143.280	20.88	0.89	0.871	2.05	-16.33
NEC	0.778	0.12	30.32	0.003	0.01	0.00	0.784	0.11	0.77	0.000	0.00	-100.00
<b>CIL</b>	<b>536.823</b>	<b>84.73</b>	<b>2.71</b>	<b>30.543</b>	<b>73.02</b>	<b>-2.97</b>	<b>576.402</b>	<b>84.00</b>	<b>7.37</b>	<b>30.485</b>	<b>72.88</b>	<b>-0.19</b>
SCCL	53.700	8.48	3.63	8.310	19.87	-12.66	55.223	8.05	2.84	9.178	21.59	10.45
JKML				0.014	0.03	40.00	0.000	0.00		0.013	0.03	-7.14
DVC	0.047	0.01	-69.08				0.000	0.00	-100.00		0.00	
IISCO	0.566	0.09	11.86	0.227	0.54	-12.69	0.504	0.07	-10.95	0.239	0.56	5.29
SAIL	0.185	0.03					0.000	0.00				
JSMDCCL	0.351	0.06	18.18				0.228	0.03	-35.04			
RRVUNL	8.329	1.31	0.75				15.000	2.19	80.09			
NTPC	2.679	0.42	1075.00				7.311	1.07	172.90			
WBPDCCL							0.400	0.06				
<b>PUBLIC</b>	<b>602.680</b>	<b>95.12</b>	<b>3.21</b>	<b>39.094</b>	<b>93.46</b>	<b>-5.25</b>	<b>655.068</b>	<b>95.46</b>	<b>8.69</b>	<b>39.915</b>	<b>95.42</b>	<b>2.10</b>
TSL	5.046	0.80	0.80	1.178	2.82	-10.08	5.303	0.77	5.09	1.243	2.92	5.52
Meghalaya	1.529	0.24	-33.75					0.00				
BALCO	0.000	0.00	-100.00				0.667	0.10	100.00			
CESC	1.878	0.30	7.81				1.856	0.27	-1.17			
GMR	0.270	0.04	78.81									
HIL	1.188	0.19	197.00	1.226	2.93	-23.38	1.198	0.17	0.84	0.975	2.29	-20.47
JPVL	2.800	0.44	0.00				2.800	0.41	0.00			
SIL				0.270	0.65	76.47				0.270	0.64	0.00
SPL	18.003	2.84	5.92				18.000	2.62	-0.02			
RCCPL				0.063	0.15	152.00				0.103	0.24	63.49
TUML	0.175	0.03	0.00				0.300	0.04	0.00			
OCL							0.161	0.02				
AMBUJA							0.100	0.01				
TSPGCL							0.759	0.11				
<b>PRIVATE</b>	<b>30.889</b>	<b>4.88</b>	<b>4.41</b>	<b>2.737</b>	<b>6.54</b>	<b>-11.37</b>	<b>31.144</b>	<b>4.54</b>	<b>0.83</b>	<b>2.591</b>	<b>6.10</b>	<b>-5.33</b>
<b>All India</b>	<b>633.569</b>	<b>100.00</b>	<b>3.27</b>	<b>41.831</b>	<b>100.00</b>	<b>-5.68</b>	<b>686.212</b>	<b>100.00</b>	<b>8.31</b>	<b>42.506</b>	<b>100.00</b>	<b>1.61</b>

**Note:** For Meghalaya it has been 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**

( In Tonnes )

Year	OMS ( OPEN CAST )		OMS ( UNDER GROUND )		OMS ( OVERALL )	
	CIL	SCCL	CIL	SCCL	CIL	SCCL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
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	14.63	12.14	0.78	1.10	6.50	4.20
2015-16	15.35	13.78	0.80	1.25	7.15	4.20
2016-17	15.00	13.85	0.80	1.18	7.48	4.74
2017-18	13.15	13.73	0.86	1.08	7.44	4.89
2018-19	15.20	16.95	0.95	1.39	8.67	6.22



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

Companies	Type of Mines	2016-2017			2017-2018			2018-2019		
		Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)
(1)	(2)	(3)	(4)	(5)	(9)	(10)	(11)	(12)	(13)	(14)
ECL	OC	32.390	2.510	12.91	34.965	2.415	14.48	41.099	2.415	17.02
BCCL	OC	35.358	4.097	8.60	31.531	4.835	6.48	30.139	4.978	6.05
CCL	OC	66.310	6.761	9.81	63.000	6.722	9.37	68.406	7.023	9.74
NCL	OC	84.096	4.121	20.18	93.018	6.889	0.00	101.503	4.170	24.34
WCL	OC	40.264	7.102	0.56	41.266	11.289	3.62	48.615	11.027	4.40
SECL	OC	120.131	4.677	26.63	125.694	3.962	31.72	137.624	4.472	30.78
SECL(GP-IV/2&3)	OC	4.480	0.024	188.48	3.227	0.034	95.39	3.271	0.037	88.70
SECL(GP-IV/1)	OC	0.844	0.010	80.86	1.327	0.020	66.63	1.681	0.023	73.79
MCL	OC	138.193	5.374	25.72	142.017	4.505	31.52	143.280	3.630	28.75
NEC	OC	0.597	0.163	3.67	0.778	0.149	5.21	0.784	0.134	5.84
<b>CIL</b>	<b>OC</b>	<b>522.663</b>	<b>34.839</b>	<b>15.00</b>	<b>536.823</b>	<b>40.820</b>	<b>13.15</b>	<b>576.402</b>	<b>37.909</b>	<b>15.20</b>
<b>SCCL</b>	<b>OC</b>	<b>51.821</b>	<b>2.863</b>	<b>13.85</b>	<b>53.700</b>	<b>2.951</b>	<b>13.73</b>	<b>55.223</b>	<b>2.917</b>	<b>16.95</b>
ECL	UG	8.127	12.656	0.64	8.603	12.019	0.72	9.061	11.597	0.78
BCCL	UG	1.679	6.289	0.30	1.076	5.339	0.20	0.900	4.549	0.20
CCL	UG	0.737	2.507	0.29	0.405	2.091	0.19	0.315	1.469	0.21
NCL	UG							0.000	0.000	0.00
WCL	UG	5.368	5.772	0.93	4.954	5.344	0.93	4.565	4.697	0.97
SECL	UG	14.548	10.318	1.41	14.461	9.162	1.58	14.773	8.587	1.72
SECL(GP-IV/2&3)	UG							0.000	0.000	0.00
SECL(GP-IV/1)	UG							0.000	0.000	0.00
MCL	UG	1.015	1.560	0.65	1.041	1.402	0.74	0.871	1.086	0.82
NEC	UG	0.003	0.150	0.02	0.003	0.124	0.02	0.000	0.099	0.00
<b>CIL</b>	<b>UG</b>	<b>31.477</b>	<b>39.252</b>	<b>0.80</b>	<b>30.543</b>	<b>35.481</b>	<b>0.86</b>	<b>30.485</b>	<b>32.084</b>	<b>0.95</b>
<b>SCCL</b>	<b>UG</b>	<b>9.515</b>	<b>8.104</b>	<b>1.17</b>	<b>8.310</b>	<b>7.546</b>	<b>1.08</b>	<b>9.178</b>	<b>6.547</b>	<b>1.39</b>
ECL	ALL	40.517	15.166	2.67	43.568	14.434	2.67	50.160	14.012	3.58
BCCL	ALL	37.037	10.386	3.60	32.607	10.174	3.60	31.039	9.527	6.25
CCL	ALL	67.047	9.268	7.23	63.405	8.813	7.23	68.721	8.492	8.09
NCL	ALL	84.096	4.121	20.18	93.018	6.889	20.18	101.503	4.170	24.34
WCL	ALL	45.632	12.874	3.50	46.220	16.633	3.50	53.180	15.724	3.37
SECL	ALL	134.679	14.995	9.29	140.155	13.124	9.29	152.397	13.059	11.67
SECL(GP-IV/2&3)	ALL	4.480	0.024	188.48	3.227	0.034	188.48	3.271	0.037	88.70
SECL(GP-IV/1)	ALL	0.844	0.010	80.86	1.327	0.020	80.86	1.681	0.023	73.79
MCL	ALL	139.208	6.934	20.08	143.058	5.907	20.08	144.151	4.716	23.82
NEC	ALL	0.600	0.313	1.92	0.781	0.273	1.92	0.784	0.233	3.37
<b>CIL</b>	<b>ALL</b>	<b>554.140</b>	<b>74.091</b>	<b>7.48</b>	<b>567.366</b>	<b>76.301</b>	<b>7.44</b>	<b>606.887</b>	<b>69.993</b>	<b>8.67</b>
<b>SCCL</b>	<b>ALL</b>	<b>61.336</b>	<b>10.967</b>	<b>4.74</b>	<b>62.010</b>	<b>10.497</b>	<b>4.89</b>	<b>64.401</b>	<b>9.464</b>	<b>6.22</b>

**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	2016 - 2017			2017 - 2018			2018 - 2019		
	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	124.637	32.390	3.85	118.895	34.965	3.40	126.056	41.099	3.07
BCCL	131.215	35.358	3.71	110.466	31.531	3.50	103.245	30.139	3.43
CCL	102.630	66.310	1.55	95.622	63.000	1.52	100.490	68.406	1.47
NCL	324.136	84.096	3.85	316.795	93.018	3.41	318.225	101.503	3.14
WCL	166.142	40.264	4.13	185.287	41.266	4.49	192.026	48.615	3.95
SECL	174.588	120.131	1.45	203.898	125.694	1.62	181.549	137.624	1.32
SECL(GP-IV/2&3)	3.039	4.480	0.68	0.634	3.227	0.20	1.063	3.271	0.32
SECL(GP-IV/1)	1.164	0.844	1.38	0.486	1.327	0.37	0.833	1.681	0.50
MCL	123.342	138.193	0.89	138.179	142.017	0.97	130.002	143.280	0.91
NEC	5.676	0.597	9.51	7.853	0.778	10.09	8.500	0.784	10.84
<b>CIL</b>	<b>1156.569</b>	<b>522.663</b>	<b>2.21</b>	<b>1178.115</b>	<b>536.823</b>	<b>2.19</b>	<b>1161.989</b>	<b>576.402</b>	<b>2.02</b>
SCCL	312.636	51.821	6.03	392.115	53.700	7.30	377.153	55.223	6.83
JKML									
DVC	0.202	0.152	1.33	0.198	0.047	4.21			
IISCO	2.619	0.506	5.18	4.100	0.566	7.24	2.711	0.504	5.38
SAIL				0.065	0.185	0.35			
JSMDCL	0.517	0.297	1.74	0.731	0.351	2.08	0.457	0.228	2.00
RRVUNL	16.189	8.267	1.96	19.493	8.329	2.34	32.813	15.000	2.19
NTPC	4.252	0.228	18.65	8.497	2.679	3.17	23.894	7.311	3.27
WBPDCCL							0.000	0.400	
<b>PUBLIC</b>	<b>1492.984</b>	<b>583.934</b>	<b>2.56</b>	<b>1603.314</b>	<b>602.680</b>	<b>2.66</b>	<b>1599.017</b>	<b>655.068</b>	<b>2.04</b>
TSL	20.043	5.006	4.00	18.891	5.046	3.74	18.969	5.303	3.58
Meghalaya		2.308	0.00		1.529	0.00			
HIL	2.313	0.400	5.78	9.189	1.188	7.73	9.303	1.198	7.77
SPL	78.087	16.997	4.59	77.366	18.003	4.30	77.366	18.000	4.30
CESC	4.639	1.742	2.66	5.503	1.878	2.93	5.207	1.856	2.81
GMR	0.229	0.151	1.52	0.112	0.270	0.41			
BALCO	0.975	0.180	5.42				2.720	0.667	4.08
JPVL	18.108	2.800	6.47	16.992	2.800	6.07	15.713	2.800	5.61
RCCPL									
TUML				0.412	0.175	2.35	1.363	0.300	4.54
OCL							0.691	0.161	
AMBUJA							0.926	0.100	
TSPGCL							22.221	0.759	
<b>PRIVATE</b>	<b>124.394</b>	<b>29.584</b>	<b>4.56</b>	<b>128.465</b>	<b>30.889</b>	<b>4.38</b>	<b>154.479</b>	<b>31.144</b>	<b>4.96</b>
<b>INDIA</b>	<b>1617.378</b>	<b>613.518</b>	<b>2.65</b>	<b>1731.779</b>	<b>633.569</b>	<b>2.74</b>	<b>1753.496</b>	<b>686.212</b>	<b>2.56</b>

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



# 3

# Despatch & Off-take



**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)
2009-10	513.792	5.03	34.43	8.29	<b>548.222</b>	<b>5.23</b>
2010-11	523.465	1.88	37.685	9.45	<b>561.15</b>	<b>2.36</b>
2011-12	535.299	2.26	41.883	11.14	<b>577.182</b>	<b>2.86</b>
2012-13	567.136	5.95	46.313	10.58	<b>613.449</b>	<b>6.28</b>
2013-14	572.060	0.87	43.897	-5.22	<b>615.957</b>	<b>0.41</b>
2014-15	603.772	5.54	46.954	6.96	<b>650.726</b>	<b>5.64</b>
2015-16	632.442	4.75	42.211	-10.10	<b>674.653</b>	<b>3.68</b>
2016-17	645.978	2.14	43.155	2.24	<b>689.133</b>	<b>2.15</b>
2017-18	690.003	6.82	46.317	7.33	<b>736.320</b>	<b>6.85</b>
2018-19	732.794	6.20	45.811	-1.09	<b>778.605</b>	<b>5.74</b>

**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)
2009-10	15.173	0.74	42.469	18.88	471.323	3.94	<b>513.792</b>	<b>5.03</b>
2010-11	16.075	5.94	48.95	15.26	474.515	0.68	<b>523.465</b>	<b>1.88</b>
2011-12	15.903	-1.07	51.723	5.66	483.576	1.91	<b>535.299</b>	<b>2.26</b>
2012-13	14.799	-6.94	55.859	8.00	511.277	5.73	<b>567.136</b>	<b>5.95</b>
2013-14	15.236	2.95	58.464	4.66	513.596	0.45	<b>572.060</b>	<b>0.87</b>
2014-15	13.264	-12.94	56.438	-3.47	547.334	6.57	<b>603.772</b>	<b>5.54</b>
2015-16	13.866	4.54	59.213	4.92	573.229	4.73	<b>632.442</b>	<b>4.75</b>
2016-17	14.039	1.25	59.308	0.16	586.670	2.34	<b>645.978</b>	<b>2.14</b>
2017-18	34.199	143.60	45.380	-23.48	644.623	9.88	<b>690.003</b>	<b>6.82</b>
2018-19	35.255	3.09	43.318	-4.54	689.476	6.96	<b>732.794</b>	<b>6.20</b>

**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)
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	3.79	1.72	12.546	1.50
2011-12	6.532	-4.70	15.751	8.35	3.802	-15.59	3.545	-6.46	12.34	-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	6.08	-8.50	16.998	9.99	5.012	2.41	4.493	16.58	13.954	9.81
2015-16	6.068	-0.20	17.544	3.21	5.735	14.43	0*	-	13.673	-2.01
2016-17	6.515	7.37	19.579	11.60	4.525	-21.10	0*	-	12.554	-8.18
2017-18	5.778	-11.31	14.763	-24.60	4.071	-10.03	0	-	12.414	-1.12
2018-19	5.552	-3.91	19.513	32.18	3.856	-5.28	0*	-	19.513	57.19

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.

\* JSPL & SEML Companies (sources of Middlings Non-coking) are ceased to exist any more.

**TABLE 3.4: MONTHLY DESPATCHES OF DIFFERENT TYPES OF COAL, LIGNITE AND COAL PRODUCTS IN 2018-19**  
(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-18	3.656	-15.4	8.44	57.636	17.2	8.36	61.292	14.6	8.36	4.133	-5.4	9.02
May-18	3.575	-18.9	8.25	59.449	16.0	8.62	63.024	13.3	8.60	4.309	-0.3	9.41
Jun-18	3.279	-8.0	7.57	56.156	10.0	8.14	59.435	8.8	8.11	3.958	10.0	8.64
<b>1st Quarter</b>	<b>10.510</b>	<b>-14.5</b>	<b>24.26</b>	<b>173.241</b>	<b>14.4</b>	<b>25.13</b>	<b>183.751</b>	<b>12.2</b>	<b>25.08</b>	<b>12.400</b>	<b>0.9</b>	<b>27.07</b>
Jul-18	3.482	4.0	8.04	53.287	8.0	7.73	56.769	7.8	7.75	3.133	4.6	6.84
Aug-18	3.749	9.8	8.65	49.931	2.5	7.24	53.680	3.0	7.33	2.929	-9.4	6.39
Sep-18	3.736	10.6	8.62	49.554	2.2	7.19	53.290	2.8	7.27	3.079	-9.0	6.72
<b>2nd Quarter</b>	<b>10.967</b>	<b>8.2</b>	<b>25.32</b>	<b>152.772</b>	<b>4.3</b>	<b>22.16</b>	<b>163.739</b>	<b>4.5</b>	<b>22.34</b>	<b>9.141</b>	<b>-4.9</b>	<b>19.95</b>
Oct-18	3.789	3.9	8.75	56.997	6.9	8.27	60.786	6.7	8.30	3.695	-0.7	8.07
Nov-18	3.442	-5.8	7.95	58.674	3.4	8.51	62.116	2.8	8.48	3.628	-7.1	7.92
Dec-18	3.539	-11.0	8.17	60.483	1.6	8.77	64.022	0.8	8.74	4.429	4.2	9.67
<b>3rd Quarter</b>	<b>10.770</b>	<b>-4.5</b>	<b>24.86</b>	<b>176.154</b>	<b>3.9</b>	<b>25.55</b>	<b>186.924</b>	<b>3.3</b>	<b>25.51</b>	<b>11.752</b>	<b>-1.1</b>	<b>25.65</b>
Jan-19	3.675	-5.8	8.48	60.375	0.5	8.76	64.050	0.2	8.74	4.330	-8.5	9.45
Feb-19	3.459	-2.5	7.99	59.196	6.6	8.59	62.655	6.0	8.55	3.832	-8.2	8.36
Mar-19	3.937	-6.8	9.09	67.738	10.2	9.82	71.675	9.1	9.78	4.356	19.9	9.51
<b>4th Quarter</b>	<b>11.071</b>	<b>-5.1</b>	<b>25.56</b>	<b>187.309</b>	<b>5.8</b>	<b>27.17</b>	<b>198.380</b>	<b>5.1</b>	<b>27.07</b>	<b>12.518</b>	<b>-0.2</b>	<b>27.33</b>
<b>Yr. 2018-19</b>	<b>43.318</b>	<b>-4.5</b>	<b>100.00</b>	<b>689.476</b>	<b>7.0</b>	<b>100.00</b>	<b>732.794</b>	<b>6.2</b>	<b>100.00</b>	<b>45.811</b>	<b>-1.1</b>	<b>100.00</b>

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

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

Contd....



**TABLE 3.5: MONTHLY DESPATCHES OF DIFFERENT TYPES OF COAL, LIGNITE AND COAL PRODUCTS IN 2018-19**  
(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-18	0.456	4.3	8.21	1.189	-0.8	6.09	0.324	-6.9	8.40	0	-	-	1.189	25.2	6.09
May-18	0.372	-27.6	6.70	1.446	27.4	7.41	0.321	-8.3	8.32	0	-	-	1.446	51.3	7.41
Jun-18	0.401	-11.9	7.22	1.315	-0.6	6.74	0.311	-19.4	8.07	0	-	-	1.315	32.8	6.74
<b>1st Quarter</b>	<b>1.229</b>	<b>-12.6</b>	<b>22.14</b>	<b>3.950</b>	<b>8.0</b>	<b>20.24</b>	<b>0.956</b>	<b>-11.8</b>	<b>24.79</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>3.950</b>	<b>36.4</b>	<b>20.24</b>
Jul-18	0.420	-4.3	7.56	1.269	7.4	6.50	0.280	-20.0	7.26	0	-	-	1.269	21.8	6.50
Aug-18	0.467	2.0	8.41	1.646	18.2	8.44	0.344	6.8	8.92	0	-	-	1.646	54.4	8.44
Sep-18	0.408	-13.4	7.35	1.625	37.2	8.33	0.281	-19.0	7.29	0	-	-	1.625	55.1	8.33
<b>2nd Quarter</b>	<b>1.295</b>	<b>-5.3</b>	<b>23.32</b>	<b>4.540</b>	<b>20.8</b>	<b>23.27</b>	<b>0.905</b>	<b>-11.2</b>	<b>23.47</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>4.540</b>	<b>43.9</b>	<b>23.27</b>
Oct-18	0.456	14.3	8.21	1.711	40.0	8.77	0.281	-7.9	7.29	0	-	-	1.711	57.4	8.77
Nov-18	0.481	0.4	8.66	1.635	35.1	8.38	0.316	9.7	8.20	0	-	-	1.635	58.9	8.38
Dec-18	0.483	-0.2	8.70	1.786	62.2	9.15	0.343	11.7	8.90	0	-	-	1.786	72.7	9.15
<b>3rd Quarter</b>	<b>1.420</b>	<b>4.3</b>	<b>25.58</b>	<b>5.132</b>	<b>45.3</b>	<b>26.30</b>	<b>0.940</b>	<b>4.4</b>	<b>24.38</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>5.132</b>	<b>62.9</b>	<b>26.30</b>
Jan-19	0.537	-2.9	9.67	1.911	48.3	9.79	0.384	30.6	9.96	0	-	-	1.911	83.8	9.79
Feb-19	0.517	-2.3	9.31	1.713	41.0	8.78	0.317	-4.2	8.22	0	-	-	1.713	70.4	8.78
Mar-19	0.554	-1.1	9.98	2.267	72.8	11.62	0.354	-20.1	9.18	0	-	-	2.267	94.3	11.62
<b>4th Quarter</b>	<b>1.608</b>	<b>-2.1</b>	<b>28.96</b>	<b>5.891</b>	<b>54.4</b>	<b>30.19</b>	<b>1.055</b>	<b>-1.2</b>	<b>27.36</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>5.891</b>	<b>83.4</b>	<b>30.19</b>
<b>Yr. 2018-19</b>	<b>5.552</b>	<b>-3.9</b>	<b>100.00</b>	<b>19.513</b>	<b>32.2</b>	<b>100.00</b>	<b>3.856</b>	<b>-5.3</b>	<b>100.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>19.513</b>	<b>57.2</b>	<b>100.00</b>

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) The above figures relates to Washeries (public & private) of only coal producing companies.

(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	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2009-10	0.226	0.04	75.19	1.071	0.21	28.26	106.921	20.81	3.78
2010-11	0.245	0.05	8.41	1.102	0.21	2.89	109.562	20.93	2.47
2011-12	0.322	0.06	31.43	0.800	0.15	-27.40	114.610	21.41	4.61
2012-13	0.055	0.01	-82.92	0.618	0.11	-22.75	121.058	21.35	5.63
2013-14	0	-	-	0.577	0.10	-6.63	124.674	21.79	2.99
2014-15	0	-	-	0.733	0.12	27.04	129.392	21.43	3.78
2015-16	0	-	-	0.342	0.05	-53.34	132.040	20.88	2.05
2016-17	0	-	-	0.777	0.12	127.19	135.268	20.94	2.44
2017-18	0	-	-	0.895	0.13	15.19	146.656	21.25	8.42
2018-19	0	-	-	0.754	0.10	-15.75	159.984	21.83	9.09

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)
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	0.00	-39.13	119.276	21.03	8.64	60.411	10.65	-13.15
2013-14	0.013	0.00	-7.14	116.798	20.42	-2.08	63.096	11.03	4.44
2014-15	0.013	0.00	0.00	122.044	20.21	4.49	74.243	12.30	17.67
2015-16	0.012	0.00	-7.69	118.072	18.67	-3.25	85.205	13.47	14.77
2016-17	0.011	0.00	-8.33	120.739	18.69	2.26	87.743	13.58	2.98
2017-18	0.021	0.00	90.91	126.564	18.34	4.82	119.930	17.38	36.68
2018-19	0.016	0.00	-23.81	136.061	18.57	7.50	103.404	14.11	-13.78

Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
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	6.39	3.62	2.524	0.42	-127.10	125.382	20.77	7.35
2015-16	36.444	5.76	-5.47	3.712	0.59	32.00	140.639	22.24	12.17
2016-17	34.954	5.41	-4.09	2.308	0.36	-60.83	143.287	22.18	1.88
2017-18	44.070	6.39	26.08	1.529	0.22	-50.95	138.538	20.08	-3.31
2018-19	51.793	7.07	17.52	0.000	0.00	0.00	142.464	19.44	2.83

Contd....

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

(Quantity in Million Tonnes)

Year	Telangana			Uttar Pradesh			West Bengal		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2009-10	49.266	9.59	10.93	13.587	2.64	9.15	22.259	4.33	-2.45
2010-11	50.046	9.56	1.58	15.393	2.94	13.29	21.439	4.10	-3.68
2011-12	51.389	9.60	2.68	15.467	2.89	0.48	23.203	4.33	8.23
2012-13	52.025	9.17	1.24	28.824	5.08	86.36	26.686	4.71	15.01
2013-14	47.892	8.37	-7.94	30.807	5.39	6.88	28.471	4.98	6.69
2014-15	52.662	8.72	9.96	29.021	4.81	-5.80	29.205	4.84	2.58
2015-16	58.687	9.28	11.44	31.815	5.03	9.63	25.474	4.03	-12.78
2016-17	60.791	9.41	3.59	33.006	5.11	3.74	27.094	4.19	6.36
2017-18	64.623	9.37	6.30	17.227	2.50	-47.81	29.950	4.34	10.54
2018-19	68.426	9.34	5.88	36.654	5.00	112.77	33.238	4.54	10.98

Year	All India	
	Quantity	Growth(%)
(41)	(42)	(43)
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	603.772	5.54
2015-16	632.442	4.75
2016-17	645.978	2.14
2017-18	690.003	6.82
2018-19	732.794	6.20

**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)
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	51.30	-1.43	12.362	26.33	4.49
2015-16	22.493	53.29	-6.62	10.135	24.01	-18.01
2016-17	24.165	56.00	7.43	10.545	24.44	4.05
2017-18	23.398	50.52	-3.17	13.779	29.75	30.67
2018-19	24.510	53.50	4.75	12.554	27.40	-8.89

Year	Rajasthan			ALL INDIA	
	Quantity	Share (%)	Growth (%)	Quantity	Growth (%)
(8)	(9)	(10)	(11)	(12)	(13)
2009-10	1.207	3.51	20.82	<b>34.430</b>	<b>8.29</b>
2010-11	1.525	4.05	26.35	<b>37.685</b>	<b>9.45</b>
2011-12	2.963	7.07	94.30	<b>41.883</b>	<b>11.14</b>
2012-13	7.331	15.83	147.42	<b>46.313</b>	<b>10.58</b>
2013-14	7.628	17.38	4.05	<b>43.897</b>	<b>-5.22</b>
2014-15	10.504	22.37	37.70	<b>46.954</b>	<b>6.96</b>
2015-16	9.583	22.70	-8.77	<b>42.211</b>	<b>-10.10</b>
2016-17	8.445	19.57	-11.88	<b>43.155</b>	<b>2.24</b>
2017-18	9.140	19.73	8.23	<b>46.317</b>	<b>7.33</b>
2018-19	8.747	19.09	-4.30	<b>45.811</b>	<b>-1.09</b>



**TABLE 3.8 : TRENDS OF COMPANY WISE DESPATCHES OF COAL & LIGNITE DURING LAST THREE YEARS**  
(Quantity in Million Tonnes)

Company	2016-17			2017-18			2018-19		
	Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.029	42.779	<b>42.808</b>	0.039	43.395	<b>43.434</b>	0.026	50.198	<b>50.224</b>
BCCL	31.080	3.733	<b>34.813</b>	24.165	9.138	<b>33.303</b>	25.726	7.356	<b>33.082</b>
CCL	21.038	39.895	<b>60.933</b>	13.966	53.543	<b>67.509</b>	10.117	58.328	<b>68.445</b>
NCL	0.000	83.491	<b>83.491</b>		96.772	<b>96.772</b>		101.574	<b>101.574</b>
WCL	0.115	39.377	<b>39.492</b>	0.279	48.464	<b>48.743</b>	0.196	55.354	<b>55.550</b>
SECL	0.015	133.527	<b>133.542</b>	0.303	145.435	<b>145.738</b>	0.249	150.733	<b>150.982</b>
SECL(GP-IV/2&3)		3.464	<b>3.464</b>		4.053	<b>4.053</b>		3.200	<b>3.200</b>
SECL(GP-1)		0.654	<b>0.654</b>		1.301	<b>1.301</b>		1.839	<b>1.839</b>
MCL		143.007	<b>143.007</b>		138.262	<b>138.262</b>		142.303	<b>142.303</b>
NEC		0.777	<b>0.777</b>		0.895	<b>0.895</b>		0.754	<b>0.754</b>
<b>CIL</b>	<b>52.277</b>	<b>490.704</b>	<b>542.981</b>	<b>38.752</b>	<b>541.258</b>	<b>580.010</b>	<b>36.314</b>	<b>571.639</b>	<b>607.953</b>
SCCL		60.791	<b>60.791</b>		64.623	<b>64.623</b>		67.669	<b>67.669</b>
JKML		0.011	<b>0.011</b>		0.021	<b>0.021</b>		0.016	<b>0.016</b>
JSMDCCL		0.297	<b>0.297</b>		0.351	<b>0.351</b>		0.228	<b>0.228</b>
DVC	0.180		<b>0.180</b>			<b>0.000</b>			<b>0.000</b>
IISCO	0.540	0.231	<b>0.771</b>	0.415	0.374	<b>0.789</b>	0.443	0.301	<b>0.744</b>
SAIL			<b>0.000</b>			<b>0.000</b>			<b>0.000</b>
RRVUNL		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
NTPC		0.100	<b>0.100</b>		2.583	<b>2.583</b>		6.972	<b>6.972</b>
WBPDCL								0.337	<b>0.337</b>
<b>Total Public</b>	<b>52.997</b>	<b>560.401</b>	<b>613.398</b>	<b>39.167</b>	<b>617.539</b>	<b>656.706</b>	<b>36.757</b>	<b>662.162</b>	<b>698.919</b>
TSL	6.311	0.000	<b>6.311</b>	6.213	0.000	<b>6.213</b>	6.561	0.000	<b>6.561</b>
MEGHALAYA		2.308	<b>2.308</b>		1.529	<b>1.529</b>			
HIL		1.765	<b>1.765</b>		2.247	<b>2.247</b>		2.310	<b>2.310</b>
SPL		17.101	<b>17.101</b>		17.961	<b>17.961</b>		18.001	<b>18.001</b>
SIL		0.156	<b>0.156</b>		0.262	<b>0.262</b>		0.270	<b>0.270</b>
CESC		1.620	<b>1.620</b>		1.764	<b>1.764</b>		1.948	<b>1.948</b>
GMR		0.280	<b>0.280</b>		0.276	<b>0.276</b>		0.000	<b>0.000</b>
BALCO		0.221	<b>0.221</b>		0.000	<b>0.000</b>		0.563	<b>0.563</b>
JPVL		2.803	<b>2.803</b>		2.800	<b>2.800</b>		2.799	<b>2.799</b>
RCCPL		0.015	<b>0.015</b>		0.072	<b>0.072</b>		0.103	<b>0.103</b>
TUML			<b>0.000</b>		0.173	<b>0.173</b>		0.302	<b>0.302</b>
OCL								0.161	<b>0.161</b>
AMBUJA								0.100	<b>0.100</b>
TSPGCL								0.757	<b>0.757</b>
<b>Total Private</b>	<b>6.311</b>	<b>26.269</b>	<b>32.580</b>	<b>6.213</b>	<b>27.084</b>	<b>33.297</b>	<b>6.561</b>	<b>27.314</b>	<b>33.875</b>
<b>ALL INDIA</b>	<b>59.308</b>	<b>586.670</b>	<b>645.978</b>	<b>45.380</b>	<b>644.623</b>	<b>690.003</b>	<b>43.318</b>	<b>689.476</b>	<b>732.794</b>
<b>LIGNITE :</b>									
NLC			<b>25.578</b>			<b>24.982</b>			<b>25.719</b>
GMDCL			<b>7.652</b>			<b>10.601</b>			<b>9.16</b>
GIPCL			<b>2.816</b>			<b>3.123</b>			<b>3.312</b>
RSMML			<b>0.549</b>			<b>1.019</b>			<b>1.318</b>
GHCL			<b>0.077</b>			<b>0.055</b>			<b>0.082</b>
VSLPPL			<b>0.476</b>			<b>0.426</b>			<b>0.303</b>
BLMCL			<b>6.007</b>			<b>6.111</b>			<b>5.917</b>
<b>ALL INDIA</b>			<b>43.155</b>			<b>46.317</b>			<b>45.811</b>
<b>COAL &amp; LIGNITE</b>			<b>689.133</b>			<b>736.320</b>			<b>778.605</b>

**TABLE 3.9: STATEWISE AND COMPANYWISE DESPATCHES OF RAW COAL BY TYPE IN LAST THREE YEARS**

(Quantity in Million Tonnes)

States	Company	2016-17			2017-18			2018-19		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>Assam</b>	<b>NEC</b>		0.777	<b>0.777</b>		0.895	<b>0.895</b>		0.754	<b>0.754</b>
Chhattisgarh	SECL	0.015	120.882	<b>120.897</b>	0.303	130.991	<b>131.294</b>	0.249	137.481	<b>137.730</b>
Chhattisgarh	SECL(GP-IV/2&3)		3.464	<b>3.464</b>		4.053	<b>4.053</b>		3.200	<b>3.200</b>
Chhattisgarh	SECL(GP-1)		0.654	<b>0.654</b>		1.301	<b>1.301</b>		1.839	<b>1.839</b>
Chhattisgarh	RRVUNL		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
Chhattisgarh	HIL_GP_IV/4		0.859	<b>0.859</b>		0.934	<b>0.934</b>		1.000	<b>1.000</b>
Chhattisgarh	HIL_GP_IV/5		0.906	<b>0.906</b>		0.745	<b>0.745</b>		0.552	<b>0.552</b>
Chhattisgarh	BALCO		0.221	<b>0.221</b>		0.000	<b>0.000</b>		0.563	<b>0.563</b>
Chhattisgarh	AMBUJA								0.100	<b>0.100</b>
<b>Chhattisgarh</b>	<b>TOTAL</b>	<b>0.015</b>	<b>135.253</b>	<b>135.268</b>	<b>0.303</b>	<b>146.353</b>	<b>146.656</b>	<b>0.249</b>	<b>159.735</b>	<b>159.984</b>
<b>Jammu &amp; Kashmir</b>	<b>JKML</b>		0.011	<b>0.011</b>		0.021	<b>0.021</b>		0.016	<b>0.016</b>
Jharkhand	ECL	0.026	19.504	<b>19.530</b>	0.037	17.387	<b>17.424</b>	0.022	20.648	<b>20.670</b>
Jharkhand	BCCL	29.383	3.439	<b>32.822</b>	22.875	8.625	<b>31.500</b>	24.770	7.211	<b>31.981</b>
Jharkhand	CCL	21.038	39.895	<b>60.933</b>	13.966	53.543	<b>67.509</b>	10.117	58.328	<b>68.445</b>
Jharkhand	JSMDCCL		0.297	<b>0.297</b>		0.351	<b>0.351</b>		0.228	<b>0.228</b>
Jharkhand	DVC	0.180		<b>0.180</b>	0.000		<b>0.000</b>	0.000		<b>0.000</b>
Jharkhand	IISCO	0.540	0.026	<b>0.566</b>	0.415	0.001	<b>0.416</b>	0.443	0.003	<b>0.446</b>
Jharkhand	SAIL			<b>0.000</b>			<b>0.000</b>			<b>0.000</b>
Jharkhand	NTPC		0.100	<b>0.100</b>		2.583	<b>2.583</b>		6.972	<b>6.972</b>
Jharkhand	TSL	6.311		<b>6.311</b>	6.213		<b>6.213</b>	6.561		<b>6.561</b>
Jharkhand	HIL_KOC					0.568	<b>0.568</b>		0.758	<b>0.758</b>
<b>Jharkhand</b>	<b>TOTAL</b>	<b>57.478</b>	<b>63.261</b>	<b>120.739</b>	<b>43.506</b>	<b>83.058</b>	<b>126.564</b>	<b>41.913</b>	<b>94.148</b>	<b>136.061</b>
Madhya Pradesh	NCL		50.485	<b>50.485</b>		79.545	<b>79.545</b>		64.920	<b>64.920</b>
Madhya Pradesh	WCL	0.115	4.579	<b>4.694</b>	0.279	4.829	<b>5.108</b>	0.196	4.133	<b>4.329</b>
Madhya Pradesh	SECL		12.645	<b>12.645</b>		14.444	<b>14.444</b>		13.252	<b>13.252</b>
Madhya Pradesh	SPL		17.101	<b>17.101</b>		17.961	<b>17.961</b>		18.001	<b>18.001</b>
Madhya Pradesh	JPVL		2.803	<b>2.803</b>		2.800	<b>2.800</b>		2.799	<b>2.799</b>
Madhya Pradesh	RCCPL		0.015	<b>0.015</b>		0.072	<b>0.072</b>		0.103	<b>0.103</b>
<b>Madhya Pradesh</b>	<b>TOTAL</b>	<b>0.115</b>	<b>87.628</b>	<b>87.743</b>	<b>0.279</b>	<b>119.651</b>	<b>119.930</b>	<b>0.196</b>	<b>103.208</b>	<b>103.404</b>
Maharashtra	WCL		34.798	<b>34.798</b>		43.635	<b>43.635</b>		51.221	<b>51.221</b>
Maharashtra	SIL		0.156	<b>0.156</b>		0.262	<b>0.262</b>		0.270	<b>0.270</b>
Maharashtra	TUML					0.173	<b>0.173</b>		0.302	<b>0.302</b>
<b>Maharashtra</b>	<b>TOTAL</b>	<b>0.000</b>	<b>34.954</b>	<b>34.954</b>	<b>0.000</b>	<b>44.070</b>	<b>44.070</b>	<b>0.000</b>	<b>51.793</b>	<b>51.793</b>
<b>Meghalaya</b>	<b>MEGHALAYA</b>		2.308	<b>2.308</b>		1.529	<b>1.529</b>			
Odisha	MCL		143.007	<b>143.007</b>		138.262	<b>138.262</b>		142.303	<b>142.303</b>
Odisha	GMR		0.280	<b>0.280</b>		0.276	<b>0.276</b>		0.000	<b>0.000</b>
Odisha	OCL								0.161	<b>0.161</b>
<b>Odisha</b>	<b>TOTAL</b>		<b>143.287</b>	<b>143.287</b>		<b>138.538</b>	<b>138.538</b>		<b>142.464</b>	<b>142.464</b>
Telangana	SCCL		60.791	<b>60.791</b>		64.623	<b>64.623</b>		67.669	<b>67.669</b>
<b>Telangana</b>	<b>TSPGCL</b>								0.757	<b>0.757</b>
<b>Telangana</b>	<b>TOTAL</b>								<b>68.426</b>	<b>68.426</b>
<b>Uttar Pradesh</b>	<b>NCL</b>		33.006	<b>33.006</b>		17.227	<b>17.227</b>		36.654	<b>36.654</b>
West Bengal	ECL	0.003	23.275	<b>23.278</b>	0.002	26.008	<b>26.010</b>	0.004	29.550	<b>29.554</b>
West Bengal	BCCL	1.697	0.294	<b>1.991</b>	1.290	0.513	<b>1.803</b>	0.956	0.145	<b>1.101</b>
West Bengal	IISCO		0.205	<b>0.205</b>		0.373	<b>0.373</b>		0.298	<b>0.298</b>
West Bengal	WBPDCCL								0.337	<b>0.337</b>
West Bengal	CESC		1.620	<b>1.620</b>		1.764	<b>1.764</b>		1.948	<b>1.948</b>
<b>West Bengal</b>	<b>TOTAL</b>	<b>1.700</b>	<b>25.394</b>	<b>27.094</b>	<b>1.292</b>	<b>28.658</b>	<b>29.950</b>	<b>0.960</b>	<b>32.278</b>	<b>33.238</b>
<b>Total Public</b>		<b>52.997</b>	<b>560.401</b>	<b>613.398</b>	<b>39.167</b>	<b>617.539</b>	<b>656.706</b>	<b>36.757</b>	<b>662.162</b>	<b>698.919</b>
<b>Total Private</b>		<b>6.311</b>	<b>26.269</b>	<b>32.580</b>	<b>6.213</b>	<b>27.084</b>	<b>33.297</b>	<b>6.561</b>	<b>27.314</b>	<b>33.875</b>
<b>All India</b>		<b>59.308</b>	<b>586.670</b>	<b>645.978</b>	<b>45.380</b>	<b>644.623</b>	<b>690.003</b>	<b>43.318</b>	<b>689.476</b>	<b>732.794</b>

**TABLE 3.10 : CAPTIVE BLOCK WISE DESPATCH OF RAW COAL DURING LAST THREE YEARS**

(Quantity in Million Tonnes)

Block	Company	State	2016-17			2017-18			2018-19		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(7)	(8)	(9)
SECL(GP-IV/2&3)	SECL	Chhattisgarh		3.464	<b>3.464</b>		4.053	<b>4.053</b>		3.200	<b>3.200</b>
SECL(GP-IV/1)	SECL	Chhattisgarh		0.654	<b>0.654</b>		1.301	<b>1.301</b>		1.839	<b>1.839</b>
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		8.267	<b>8.267</b>		8.329	<b>8.329</b>		15.000	<b>15.000</b>
Pakri Barwadih	NTPC	Jharkhand		0.100	<b>0.100</b>		2.583	<b>2.583</b>		6.797	<b>6.797</b>
Dulanga	NTPC	Jharkhand								0.175	<b>0.175</b>
Tasra	SAIL/IISCO	Jharkhand			<b>0.000</b>			<b>0.000</b>			<b>0.000</b>
Barjora	WBPDCCL	West Bengal								0.337	<b>0.337</b>
<b>Total Public</b>			<b>0.000</b>	<b>12.485</b>	<b>12.485</b>	<b>0.000</b>	<b>16.266</b>	<b>16.266</b>	<b>0.000</b>	<b>27.348</b>	<b>27.348</b>
Amelia North	JPVL	Madhya Pradesh		2.803	<b>2.803</b>		2.800	<b>2.800</b>		2.799	<b>2.799</b>
Belgaon	SIL	Maharashtra		0.156	<b>0.156</b>		0.262	<b>0.262</b>		0.270	<b>0.270</b>
Chotia	BALCO	Chhattisgarh		0.221	<b>0.221</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
Chotia II	BALCO	Chhattisgarh								0.563	<b>0.563</b>
Gare Palma IV/4	HIL	Chhattisgarh		0.859	<b>0.859</b>		0.934	<b>0.934</b>		1.000	<b>1.000</b>
Gare Palma IV/5	HIL	Chhattisgarh		0.906	<b>0.906</b>		0.745	<b>0.745</b>		0.552	<b>0.552</b>
Kauthatia	HIL	Chhattisgarh					0.568	<b>0.568</b>		0.758	<b>0.758</b>
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		17.101	<b>17.101</b>		17.961	<b>17.961</b>		18.001	<b>18.001</b>
Sarshatali	CESC	West Bengal		1.620	<b>1.620</b>		1.764	<b>1.764</b>		1.948	<b>1.948</b>
Talabira-I	GMR	Odisha		0.280	<b>0.280</b>		0.276	<b>0.276</b>		0.000	<b>0.000</b>
Sial Ghogri	RCCPL	Madhya Pradesh		0.015	<b>0.015</b>		0.072	<b>0.072</b>		0.103	<b>0.103</b>
Marki Mangli I	TUML	Maharashtra					0.173	<b>0.173</b>		0.302	<b>0.302</b>
Ardhagram	OCL	Odisha								0.161	<b>0.161</b>
Tadicherla	TSPGCL	TLNG								0.757	<b>0.757</b>
Gare Palma IV/8	Ambuja	CHG								0.100	<b>0.100</b>
<b>Total Private</b>			<b>0.000</b>	<b>23.961</b>	<b>23.961</b>	<b>0.000</b>	<b>25.555</b>	<b>25.555</b>	<b>0.000</b>	<b>27.314</b>	<b>27.314</b>
<b>Grand Total</b>			<b>0.000</b>	<b>36.446</b>	<b>36.446</b>	<b>0.000</b>	<b>41.821</b>	<b>41.821</b>	<b>0.000</b>	<b>54.662</b>	<b>54.662</b>

**TABLE 3.11: GRADEWISE DESPATCH OF COKING COAL BY COMPANIES IN 2018-19**

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE											
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	SLV1	Washery Feed	Met Coal	Non Met	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL			0.004			0.022				0.004	0.022	<b>0.026</b>
BCCL	0.117	0.178	0.000	0.063	2.508	3.365	19.495			25.726	0.000	<b>25.726</b>
CCL						2.248	5.445		2.424	2.424	7.693	<b>10.117</b>
NCL										0.000	0.000	<b>0.000</b>
WCL							0.196			0.097	0.099	<b>0.196</b>
SECL			0.249							0.000	0.249	<b>0.249</b>
SECL (GP-IV/2&3)										0.000	0.000	<b>0.000</b>
SECL(GP-1)										0.000	0.000	<b>0.000</b>
MCL										0.000	0.000	<b>0.000</b>
NEC										0.000	0.000	<b>0.000</b>
<b>CIL</b>	<b>0.117</b>	<b>0.178</b>	<b>0.253</b>	<b>0.063</b>	<b>2.508</b>	<b>5.635</b>	<b>25.136</b>	<b>0.000</b>	<b>2.424</b>	<b>28.251</b>	<b>8.063</b>	<b>36.314</b>
SCCL										0.000	0.000	<b>0.000</b>
JKML										0.000	0.000	<b>0.000</b>
DVC										0.000	0.000	<b>0.000</b>
IISCO						0.168	0.275			0.443	0.000	<b>0.443</b>
SAIL										0.000	0.000	<b>0.000</b>
JSMDCL										0.000	0.000	<b>0.000</b>
RRVUNL										0.000	0.000	<b>0.000</b>
NTPC										0.000	0.000	<b>0.000</b>
WBPDCL											0.000	<b>0.000</b>
<b>Total Public</b>	<b>0.117</b>	<b>0.178</b>	<b>0.253</b>	<b>0.063</b>	<b>2.508</b>	<b>5.803</b>	<b>25.411</b>	<b>0.000</b>	<b>2.424</b>	<b>28.694</b>	<b>8.063</b>	<b>36.757</b>
TSL					0.449	0.638	5.474			6.561	0.000	<b>6.561</b>
CESC										0.000	0.000	<b>0.000</b>
HIL										0.000	0.000	<b>0.000</b>
SPL										0.000	0.000	<b>0.000</b>
GMR										0.000	0.000	<b>0.000</b>
BALCO										0.000	0.000	<b>0.000</b>
SIL										0.000	0.000	<b>0.000</b>
JPVL										0.000	0.000	<b>0.000</b>
RCCPL										0.000	0.000	<b>0.000</b>
TUML										0.000	0.000	<b>0.000</b>
OCL										0.000	0.000	<b>0.000</b>
AMBUJA										0.000	0.000	<b>0.000</b>
TSPGCL										0.000	0.000	<b>0.000</b>
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.449</b>	<b>0.638</b>	<b>5.474</b>	<b>0.000</b>	<b>0.000</b>	<b>6.561</b>	<b>0.000</b>	<b>6.561</b>
<b>ALL INDIA</b>	<b>0.117</b>	<b>0.178</b>	<b>0.253</b>	<b>0.063</b>	<b>2.957</b>	<b>6.441</b>	<b>30.885</b>	<b>0.000</b>	<b>2.424</b>	<b>35.255</b>	<b>8.063</b>	<b>43.318</b>

~ Provisional Coal Statistics 2018-19 ~

**TABLE 3.12: GRADEWISE DESPATCH OF NON COKING COAL BY COMPANIES IN 2018-19**

(Quantity in Million Tonnes)

Companies	NON-COKING COAL GRADE																				Total N-Coking	Total Coal
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	UNG	Washer y Feed			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	
ECL			1.653	14.405	9.416	2.331	4.046	1.415		0.097			16.835								50.198	50.224
BCCL						0.038	0.773	0.355	4.758	1.327	0.105										7.356	33.082
CCL				0.005	0.166	0.092	2.062	7.547	4.640	12.537	11.628	7.260	4.821	0.801				6.769			58.328	68.445
NCL							24.232	25.331	0.242	26.955	19.294	5.520									101.574	101.574
WCL						0.110	0.495	2.016	8.434	18.440	12.027	10.631	3.201								55.354	55.550
SECL			1.642	0.087	1.159	4.477	7.668	6.646	1.922	8.185	108.166	1.064	5.889	0.686	2.744	0.398	0.000				150.733	150.982
SECL (GP-IV/2&3)												0.197		0.318		2.685					3.200	3.200
SECL(GP-1)												0.144			0.418		1.277				1.839	1.839
MCL							0.013	0.114	0.614	0.408	0.008	43.188	49.119	48.839							142.303	142.303
NEC	0.099	0.430	0.037	0.052		0.136															0.754	0.754
<b>CIL</b>	<b>0.099</b>	<b>0.430</b>	<b>3.332</b>	<b>14.549</b>	<b>10.779</b>	<b>7.919</b>	<b>38.871</b>	<b>47.827</b>	<b>17.179</b>	<b>66.727</b>	<b>151.123</b>	<b>68.004</b>	<b>79.865</b>	<b>50.644</b>	<b>3.162</b>	<b>3.083</b>	<b>1.277</b>	<b>0.000</b>	<b>6.769</b>	<b>571.639</b>	<b>607.953</b>	
SCCL					0.947		3.073	7.504	6.950	15.009	9.197		19.488	0.005	3.621	0.000	0.235	1.640			67.669	67.669
JKML																	0.016				0.016	0.016
DVC																					0.000	0.000
IISCO			0.153			0.148															0.301	0.744
SAIL																					0.000	0.000
JSMDCL												0.228									0.228	0.228
RRVUNL											13.172					1.828					15.000	15.000
NTPC								6.797					0.175								6.972	6.972
WBPDCCL						0.337															0.337	0.337
<b>Total Public</b>	<b>0.099</b>	<b>0.430</b>	<b>3.332</b>	<b>14.702</b>	<b>11.726</b>	<b>8.067</b>	<b>42.281</b>	<b>55.331</b>	<b>30.926</b>	<b>81.736</b>	<b>173.492</b>	<b>68.232</b>	<b>99.528</b>	<b>50.649</b>	<b>6.783</b>	<b>3.083</b>	<b>3.340</b>	<b>1.656</b>	<b>6.769</b>	<b>662.162</b>	<b>698.919</b>	
TSL																					0.000	6.561
CESC											1.948										1.948	1.948
HIL					0.758	0.252		0.205		0.513	0.582										2.310	2.310
SPL										18.001											18.001	18.001
GMR																					0.000	0.000
BALCO								0.461		0.102											0.563	0.563
SIL								0.270													0.270	0.270
JPVL										2.799											2.799	2.799
RCCPL								0.103													0.103	0.103
TUML												0.302									0.302	0.302
OCL							0.161														0.161	0.161
AMBUJA											0.100										0.100	0.100
TSPGCL								0.757													0.757	0.757
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.758</b>	<b>0.413</b>	<b>1.591</b>	<b>0.205</b>	<b>18.001</b>	<b>5.462</b>	<b>0.884</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>27.314</b>	<b>33.875</b>	
<b>ALL INDIA</b>	<b>0.099</b>	<b>0.430</b>	<b>3.332</b>	<b>14.702</b>	<b>11.726</b>	<b>8.825</b>	<b>42.694</b>	<b>56.922</b>	<b>31.131</b>	<b>99.737</b>	<b>178.954</b>	<b>69.116</b>	<b>99.528</b>	<b>50.649</b>	<b>6.783</b>	<b>3.083</b>	<b>3.340</b>	<b>1.656</b>	<b>6.769</b>	<b>689.476</b>	<b>732.794</b>	

**TABLE 3.13: MODEWISE COMPANYWISE DESPATCHES OF RAW COAL IN 2018-19( External & Internal )**  
(Quantity of Million Tonnes)

Company	YEAR 2018 - 19 (External)							YEAR 2018 - 19 (Internal)							Total Despatch
	Rail	Road	MGR	Rope	Belt	Other	Total External	Rail	Road	MGR	Rope	Belt	Other	Total Internal	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ECL	34.174	2.409	13.641				50.224							0.000	50.224
BCCL	22.831	8.625					31.456	0.565	1.061					1.626	33.082
CCL	30.543	28.709					59.252		9.193					9.193	68.445
NCL	30.002	17.090	47.357		3.317		97.766		3.808					3.808	101.574
WCL	35.319	17.632	0.381	1.828	0.390		55.550							0.000	55.550
SECL	49.098	65.681	27.029		6.973	2.201	150.982							0.000	150.982
SECL (GP-IV/2&3)		3.200					3.200							0.000	3.200
SECL(GP-IV/1)		1.839					1.839							0.000	1.839
MCL	87.384	42.780	10.566		1.573		142.303							0.000	142.303
NEC	0.600	0.154					0.754							0.000	0.754
<b>CIL</b>	<b>289.951</b>	<b>188.119</b>	<b>98.974</b>	<b>1.828</b>	<b>12.253</b>	<b>2.201</b>	<b>593.326</b>	<b>0.565</b>	<b>14.062</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>14.627</b>	<b>607.953</b>
SCCL	45.462	13.389	8.363	0.337		0.118	67.669							0.000	67.669
JKML		0.016					0.016							0.000	0.016
JSMDCL		0.228					0.228							0.000	0.228
DVC		0.000					0.000							0.000	0.000
IISCO		0.050				0.003	0.053	0.454		0.092	0.145			0.691	0.744
SAIL	0.000	0.000					0.000							0.000	0.000
RRVUNL							0.000	15.000						15.000	15.000
NTPC		6.972					6.972							0.000	6.972
WBPDCCL						0.337	0.337							0.000	0.337
<b>PUBLIC</b>	<b>335.413</b>	<b>208.774</b>	<b>107.337</b>	<b>2.165</b>	<b>12.253</b>	<b>2.659</b>	<b>668.601</b>	<b>0.565</b>	<b>29.516</b>	<b>0.000</b>	<b>0.092</b>	<b>0.145</b>	<b>0.000</b>	<b>30.318</b>	<b>698.919</b>
TSL							0.000	0.089		6.472				6.561	6.561
CESC		1.948					1.948							0.000	1.948
HIL		2.310					2.310							0.000	2.310
GMR		0.000					0.000							0.000	0.000
BALCO		0.563					0.563							0.000	0.563
SIL	0.270						0.270							0.000	0.270
JPVL	2.799						2.799							0.000	2.799
TUML		0.160					0.160	0.142						0.142	0.302
SPL					18.001		18.001							0.000	18.001
RCCPL		0.103					0.103							0.000	0.103
AMBUJA		0.100					0.100							0.000	0.100
OCL		0.161					0.161							0.000	0.161
TSPGCL		0.757					0.757							0.000	0.757
<b>PRIVATE</b>	<b>3.069</b>	<b>6.102</b>	<b>0.000</b>	<b>0.000</b>	<b>18.001</b>	<b>0.000</b>	<b>27.172</b>	<b>0.000</b>	<b>0.231</b>	<b>0.000</b>	<b>0.000</b>	<b>6.472</b>	<b>0.000</b>	<b>6.703</b>	<b>33.875</b>
<b>GRAND TOTAL</b>	<b>338.482</b>	<b>214.876</b>	<b>107.337</b>	<b>2.165</b>	<b>30.254</b>	<b>2.659</b>	<b>695.773</b>	<b>0.565</b>	<b>29.747</b>	<b>0.000</b>	<b>0.092</b>	<b>6.617</b>	<b>0.000</b>	<b>37.021</b>	<b>732.794</b>

**TABLE 3.14: COMPANYWISE OFF-TAKE OF RAW COAL & LIGNITE TO DIFFERENT PRIORITY SECTORS DURING 2018-19**  
(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)
<b>COAL :</b>																
ECL	46.886	0.286	0.305	0.000	0.046		0.381		0.002	0.003	0.002	0.015	2.298	50.224	0.184	50.408
BCCL	27.238	0.020	0.356			0.921							4.547	33.082	0.018	33.100
CCL	45.372	2.268	9.193			0.087	0.703		0.005				10.817	68.445		68.445
NCL	89.356	7.091			0.198		0.199	0.215					4.515	101.574		101.574
WCL	45.085	1.127	0.097		2.096		0.435		0.022	0.511	0.106		6.071	55.550	0.004	55.554
SECL	125.879	9.996	0.249	0.000	2.823	0.728	6.719						4.588	150.982	0.010	150.992
SECL(GP-IV/2&3)	1.322												1.878	3.200		3.200
SECL(GP-IV/1)	0.942												0.897	1.839		1.839
MCL	102.527	23.620			0.221	0.053	3.245	0.664		0.220			11.753	142.303	0.003	142.306
NEC	0.520	0.032			0.078								0.124	0.754		0.754
<b>CIL</b>	<b>485.127</b>	<b>44.440</b>	<b>10.200</b>	<b>0.000</b>	<b>5.462</b>	<b>1.789</b>	<b>11.682</b>	<b>0.879</b>	<b>0.029</b>	<b>0.734</b>	<b>0.108</b>	<b>0.015</b>	<b>47.488</b>	<b>607.953</b>	<b>0.219</b>	<b>608.172</b>
SCCL	55.389	3.914	0.000		3.152		0.222	0.218	0.222	0.903	0.096	0.000	3.553	67.669		67.669
JKML					0.000							0.000	0.016	0.016		0.016
JSMDCCL	0.150				0.000		0.000					0.078		0.228		0.228
DVC		0.000												0.000		0.000
IISCO			0.443	0.297									0.004	0.744		0.744
SAIL			0.000	0.000										0.000		0.000
RRVUNL		15.000												15.000		15.000
NTPC		6.972												6.972		6.972
WBPDCCL		0.337												0.337		0.337
<b>PUBLIC</b>	<b>540.666</b>	<b>70.663</b>	<b>10.643</b>	<b>0.297</b>	<b>8.614</b>	<b>1.789</b>	<b>11.904</b>	<b>1.097</b>	<b>0.251</b>	<b>1.637</b>	<b>0.204</b>	<b>0.093</b>	<b>51.061</b>	<b>698.919</b>	<b>0.219</b>	<b>699.138</b>
TSL			6.561											6.561		6.561
CESC	1.948													1.948		1.948
HIL	0.000	2.310												2.310		2.310
GMR		0.000												0.000		0.000
BALCO		0.563												0.563		0.563
SIL	0.000	0.082					0.185						0.003	0.270		0.270
JPVL	2.799													2.799		2.799
TUML		0.160					0.142							0.302		0.302
SPL		18.001												18.001		18.001
RCCPL					0.103									0.103		0.103
AMBUJA					0.100									0.100		0.100
OCL			0.161											0.161		0.161
TSPGCL	0.757													0.757		0.757
<b>PRIVATE</b>	<b>5.504</b>	<b>21.116</b>	<b>6.722</b>	<b>0.000</b>	<b>0.203</b>	<b>0.000</b>	<b>0.327</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.003</b>	<b>33.875</b>	<b>0.000</b>	<b>33.875</b>
<b>GRAND TOTAL</b>	<b>546.170</b>	<b>91.779</b>	<b>17.365</b>	<b>0.297</b>	<b>8.817</b>	<b>1.789</b>	<b>12.231</b>	<b>1.097</b>	<b>0.251</b>	<b>1.637</b>	<b>0.204</b>	<b>0.093</b>	<b>51.064</b>	<b>732.794</b>	<b>0.219</b>	<b>733.013</b>
<b>LIGNITE:</b>																
GIPCL		3.312												3.312		3.312
GMDCL		3.899			0.286	0.001	0.048		0.324	0.463	2.558	0.623	0.958	9.160		9.160
GHCL		0.082												0.082		0.082
NLCL	22.790	1.366	0.094		1.212			0.004	0.004	0.140	0.000	0.011	0.098	25.719		25.719
RSMML													1.318	1.318		1.318
VSLPPL		0.303												0.303		0.303
BLMCL		5.917												5.917		5.917
<b>TOTAL</b>	<b>22.790</b>	<b>14.879</b>	<b>0.094</b>	<b>0.000</b>	<b>1.498</b>	<b>0.001</b>	<b>0.048</b>	<b>0.004</b>	<b>0.328</b>	<b>0.603</b>	<b>2.558</b>	<b>0.634</b>	<b>2.374</b>	<b>45.811</b>	<b>0.000</b>	<b>45.811</b>



**TABLE 3.15: AVAILABILITY AND OFF-TAKE OF INDIAN RAW COAL BY COMPANIES DURING 2017-18 & 2018-19**

(Quantity in Million Tonnes)

Company	2017-18							2018-19						
	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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
CIL	68.575	567.366	<b>635.941</b>	580.010	0.243	<b>580.253</b>	55.630	55.630	606.887	<b>662.517</b>	607.953	0.219	<b>608.172</b>	54.291
SCCL	6.544	62.010	<b>68.554</b>	64.623		<b>64.623</b>	4.921	4.921	64.401	<b>69.322</b>	67.669		<b>67.669</b>	1.609
JKML	0.012	0.014	<b>0.026</b>	0.021		<b>0.021</b>	0.005	0.005	0.013	<b>0.018</b>	0.016		<b>0.016</b>	0.003
JSMDCL	0.000	0.351	<b>0.351</b>	0.351		<b>0.351</b>	0.000	0.000	0.228	<b>0.228</b>	0.228		<b>0.228</b>	0.000
DVC	0.013	0.047	<b>0.060</b>	0.000		<b>0.000</b>	0.060	0.060	0.000	<b>0.060</b>	0.000		<b>0.000</b>	0.060
IISCO	0.007	0.793	<b>0.800</b>	0.789		<b>0.789</b>	0.007	0.007	0.743	<b>0.750</b>	0.744		<b>0.744</b>	0.004
SAIL	0.000	0.185	<b>0.185</b>	0.000		<b>0.000</b>	0.185	0.185	0.000	<b>0.185</b>	0.000		<b>0.000</b>	0.185
RRVUNL	0.000	8.329	<b>8.329</b>	8.329		<b>8.329</b>	0.000	0.000	15.000	<b>15.000</b>	15.000		<b>15.000</b>	0.000
NTPC	0.127	2.679	<b>2.806</b>	2.583		<b>2.583</b>	0.223	0.223	7.311	<b>7.534</b>	6.972		<b>6.972</b>	0.561
WBMDTCL			<b>0.000</b>			<b>0.000</b>			0.400	<b>0.400</b>	0.337		<b>0.337</b>	0.063
<b>PUBLIC</b>	<b>75.278</b>	<b>641.774</b>	<b>717.052</b>	<b>656.706</b>	<b>0.243</b>	<b>656.949</b>	<b>61.031</b>	<b>61.031</b>	<b>694.983</b>	<b>756.014</b>	<b>698.919</b>	<b>0.219</b>	<b>699.138</b>	<b>56.776</b>
TSL	0.011	6.224	<b>6.235</b>	6.213		<b>6.213</b>	0.024	0.024	6.546	<b>6.570</b>	6.561		<b>6.561</b>	0.009
Meghalaya	0.000	1.529	<b>1.529</b>	1.529		<b>1.529</b>	0.000	0.000	0.000	<b>0.000</b>			<b>0.000</b>	0.000
SPL	0.222	18.003	<b>18.225</b>	17.961		<b>17.961</b>	0.264	0.264	18.000	<b>18.264</b>	18.001		<b>18.001</b>	0.264
CESC	0.125	1.878	<b>2.003</b>	1.764		<b>1.764</b>	0.240	0.240	1.856	<b>2.096</b>	1.948		<b>1.948</b>	0.148
HIL	0.291	2.414	<b>2.705</b>	2.247		<b>2.247</b>	0.457	0.457	2.173	<b>2.630</b>	2.310		<b>2.310</b>	0.319
GMR	0.006	0.270	<b>0.276</b>	0.276		<b>0.276</b>	0.000	0.000	0.000	<b>0.000</b>	0.000		<b>0.000</b>	0.000
BALCO	0.000	0.000	<b>0.000</b>	0.000		<b>0.000</b>	0.000	0.000	0.667	<b>0.667</b>	0.563		<b>0.563</b>	0.103
SIL	0.008	0.270	<b>0.278</b>	0.262		<b>0.262</b>	0.017	0.017	0.270	<b>0.287</b>	0.270		<b>0.270</b>	0.017
JPVL	0.001	2.800	<b>2.801</b>	2.800		<b>2.800</b>	0.001	0.001	2.800	<b>2.801</b>	2.799		<b>2.799</b>	0.001
RCCPL	0.010	0.063	<b>0.073</b>	0.072		<b>0.072</b>	0.000	0.000	0.103	<b>0.103</b>	0.103		<b>0.103</b>	0.001
TUML		0.175	<b>0.175</b>	0.173		<b>0.173</b>	0.002	0.002	0.300	<b>0.302</b>	0.302		<b>0.302</b>	0.000
OCL									0.161	<b>0.161</b>	0.161		<b>0.161</b>	0.000
AMBUJA									0.100	<b>0.100</b>	0.100		<b>0.100</b>	0.000
TSPGCL									0.759	<b>0.759</b>	0.757		<b>0.757</b>	0.002
<b>PRIVATE</b>	<b>0.674</b>	<b>33.626</b>	<b>34.300</b>	<b>33.297</b>	<b>0.000</b>	<b>33.297</b>	<b>1.005</b>	<b>1.005</b>	<b>33.735</b>	<b>34.740</b>	<b>33.875</b>	<b>0.000</b>	<b>33.875</b>	<b>0.864</b>
<b>INDIA</b>	<b>75.952</b>	<b>675.400</b>	<b>751.352</b>	<b>690.003</b>	<b>0.243</b>	<b>690.246</b>	<b>62.036</b>	<b>62.036</b>	<b>728.718</b>	<b>790.754</b>	<b>732.794</b>	<b>0.219</b>	<b>733.013</b>	<b>57.640</b>

# 4

# Pit-head Closing Stock



**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)
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	59.389	94.92	6.98	3.176	5.08	70.75	62.565	9.05
2015-16	65.361	93.15	10.06	4.809	6.85	51.42	70.170	12.16
2016-17	76.889	91.78	17.64	6.883	8.22	43.13	83.772	19.38
2017-18	62.043	89.59	-19.31	7.210	10.41	4.75	69.253	-17.33
2018-19	57.642	91.04	-7.09	5.672	8.96	-21.33	63.314	-8.58

**TABLE-4.2 : MONTHLY PIT-HEAD CLOSING STOCK OF COAL, LIGNITE AND VARIOUS COAL PRODUCTS IN 2018-19**  
(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-18	54.469	4.960	0.149	0.657	0.608	0	0.124
May-18	48.093	3.581	0.221	0.762	0.546	0	0.112
Jun-18	43.090	4.494	0.238	0.684	0.524	0	0.104
<b>1st Quarter</b>	<b>43.090</b>	<b>4.494</b>	<b>0.238</b>	<b>0.684</b>	<b>0.524</b>	<b>0.000</b>	<b>0.104</b>
Jul-18	35.005	4.732	0.224	0.576	0.487	0	0.076
Aug-18	28.398	4.518	0.167	0.482	0.462	0	0.070
Sep-18	24.713	4.698	0.147	0.135	0.445	0	0.079
<b>2nd Quarter</b>	<b>24.713</b>	<b>4.698</b>	<b>0.147</b>	<b>0.135</b>	<b>0.445</b>	<b>0.000</b>	<b>0.079</b>
Oct-18	23.927	4.252	0.144	0.109	0.479	0	0.079
Nov-18	24.747	4.029	0.115	0.057	0.477	0	0.071
Dec-18	25.974	3.962	0.137	0.067	0.458	0	0.065
<b>3rd Quarter</b>	<b>25.974</b>	<b>3.962</b>	<b>0.137</b>	<b>0.067</b>	<b>0.458</b>	<b>0.000</b>	<b>0.065</b>
Jan-19	30.815	4.261	0.120	0.118	0.419	0	0.074
Feb-19	36.816	5.028	0.117	0.326	0.449	0	0.073
Mar-19	57.642	5.672	0.146	0.207	0.462	0	0.058
<b>4th Quarter</b>	<b>57.642</b>	<b>5.672</b>	<b>0.146</b>	<b>0.207</b>	<b>0.462</b>	<b>0.000</b>	<b>0.058</b>



**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	2016-17		2017-18		2018-19	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>COAL :</b>						
ECL	2.553	3.32	2.496	4.02	2.249	3.90
BCCL	6.199	8.06	5.416	8.73	3.416	5.93
CCL	17.574	22.86	13.469	21.71	13.745	23.85
NCL	7.195	9.36	3.441	5.55	3.370	5.85
WCL	14.142	18.39	11.614	18.72	9.240	16.03
SECL	13.010	16.92	7.414	11.95	8.819	15.30
SECL(GP-IV/2&3)	1.142	1.49	0.317	0.51	0.387	0.67
SECL(GP-IV/1)	0.190	0.25	0.216	0.35	0.059	0.10
MCL	6.387	8.31	11.178	18.02	12.906	22.39
NEC	0.183	0.24	0.069	0.11	0.100	0.17
<b>CIL</b>	<b>68.575</b>	<b>89.19</b>	<b>55.630</b>	<b>89.66</b>	<b>54.291</b>	<b>94.19</b>
SCCL	7.481	9.73	4.921	7.93	1.609	2.79
JKML	0.012	0.02	0.005	0.01	0.003	0.01
DVC	0.013	0.02	0.000	0.00	0.060	0.10
IISCO	0.007	0.01	0.060	0.10	0.004	0.01
SAIL	0.000	0.00	0.007	0.01	0.185	0.32
JSMDC	0.000	0.00	0.185	0.30	0.000	0.00
RRVUNL	0.000	0.00	0.000	0.00	0.000	0.00
NTPC	0.127	0.17	0.223	0.36	0.561	0.97
WBPDC					0.063	0.11
<b>PUBLIC</b>	<b>76.215</b>	<b>99.12</b>	<b>61.031</b>	<b>98.37</b>	<b>56.776</b>	<b>98.50</b>
TSL	0.011	0.01	0.024	0.04	0.009	0.02
Meghalaya	0.000	0.00	0.000	0.00		
HIL	0.291	0.38	0.457	0.74	0.319	0.55
SIL	0.008	0.01	0.017	0.03	0.017	0.03
SPL	0.222	0.29	0.264	0.43	0.264	0.46
GMR	0.006	0.01	0.000	0.00	0.000	0.00
BALCO	0.000	0.00	0.000	0.00	0.103	0.18
CESC	0.125	0.16	0.240	0.39	0.148	0.26
JPVL	0.001	0.00	0.001	0.00	0.001	0.00
RCCPL	0.010	0.01	0.007	0.01	0.001	0.00
TUML	0.000	0.00	0.002	0.00	0.000	0.00
OCL					0.000	0.00
AMBUJA					0.000	0.00
TSPGCL					0.002	0.00
<b>PRIVATE</b>	<b>0.674</b>	<b>0.88</b>	<b>1.012</b>	<b>1.63</b>	<b>0.864</b>	<b>1.50</b>
<b>ALL INDIA</b>	<b>76.889</b>	<b>100.00</b>	<b>62.043</b>	<b>100.00</b>	<b>57.640</b>	<b>100.00</b>
<b>LIGNITE :</b>						
NLC	6.612	96.06	6.784	94.09	5.319	93.78
GMDCL	0.000	0.00	0.000	0.00	0.000	0.00
GIPCL	0.000	0.00	0.000	0.00	0.000	0.00
GHCL	0.012	0.17	0.014	0.19	0.025	0.44
RSMMML	0.000	0.00	0.000	0.00	0.000	0.00
VSLPPL	0.062	0.90	0.062	0.86	0.050	0.88
BLMCL	0.197	2.86	0.350	4.85	0.278	4.90
<b>ALL INDIA</b>	<b>6.883</b>	<b>100.00</b>	<b>7.210</b>	<b>100.00</b>	<b>5.672</b>	<b>100.00</b>
<b>COAL &amp; LIGNITE</b>	<b>83.772</b>		<b>69.253</b>		<b>63.312</b>	

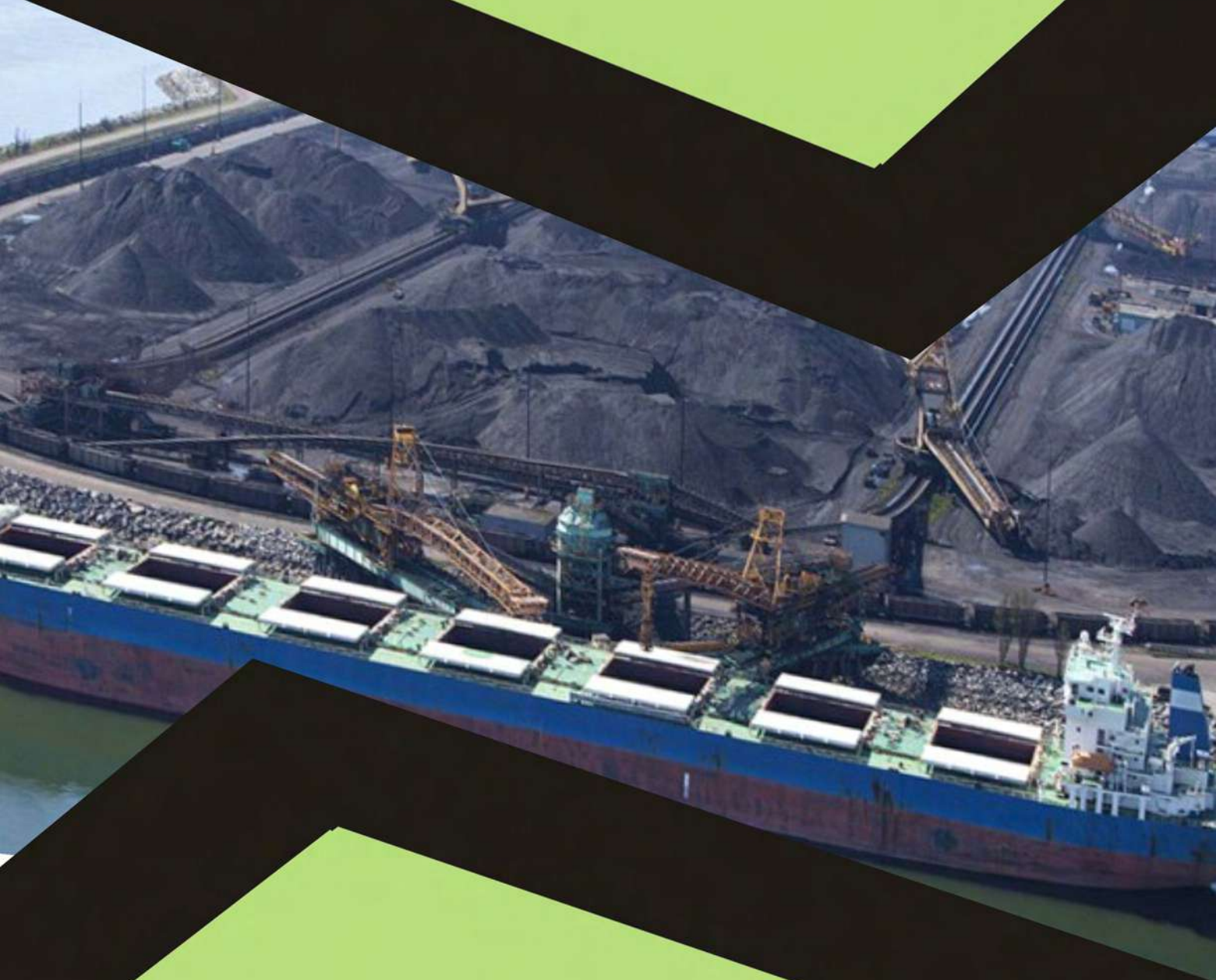
**TABLE - 4.4 : CAPTIVE BLOCK WISE CLOSING STOCK OF RAW COAL DURING LAST THREE YEARS**

(Quantity in Million Tonnes)

Block	Company	State	2016-17			2017-18			2018-19		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2&3	SECL	Chhattisgarh		1.142	<b>1.142</b>		0.317	<b>0.317</b>		0.387	<b>0.387</b>
Gare Palma IV/1	SECL	Chhattisgarh		0.190	<b>0.190</b>		0.216	<b>0.216</b>		0.059	<b>0.059</b>
Parsa East & Kanta Basan	RRUVNL	Chhattisgarh		0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
Pakri Barwadih	NTPC	Jharkhand		0.127	<b>0.127</b>		0.223	<b>0.223</b>		0.235	<b>0.235</b>
Dulanga	NTPC	Jharkhand								0.326	<b>0.326</b>
Tasra	SAIL/IISCO	Jharkhand		0.000	<b>0.000</b>		0.185	<b>0.185</b>		0.185	<b>0.185</b>
Barjora	WBPDCL	West Bengal								0.063	<b>0.063</b>
<b>Total Public</b>			<b>0.000</b>	<b>1.459</b>	<b>1.459</b>	<b>0.000</b>	<b>0.941</b>	<b>0.941</b>	<b>0.000</b>	<b>1.255</b>	<b>1.255</b>
Belgaon	SIL	Maharashtra		0.008	<b>0.008</b>		0.017	<b>0.017</b>		0.017	<b>0.017</b>
Chotia	BALCO	Chhattisgarh		0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.103	<b>0.103</b>
Gare Palma IV/4	HIL	Chhattisgarh		0.197	<b>0.197</b>		0.201	<b>0.201</b>		0.039	<b>0.039</b>
Gare Palma IV/5	HIL	Chhattisgarh		0.094	<b>0.094</b>		0.024	<b>0.024</b>		0.009	<b>0.009</b>
Kauthatia	HIL	Jharkhand					0.232	<b>0.232</b>		0.271	<b>0.271</b>
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		0.222	<b>0.222</b>		0.264	<b>0.264</b>		0.264	<b>0.264</b>
Sarshatali	CESC	West Bengal		0.125	<b>0.125</b>		0.240	<b>0.240</b>		0.148	<b>0.148</b>
Talabira I	GMR	Odisha		0.006	<b>0.006</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
Amelia North	JPVL	Madhya Pradesh		0.001	<b>0.001</b>		0.001	<b>0.001</b>		0.001	<b>0.001</b>
Sial Ghogri	RCCPL	Madhya Pradesh		0.010	<b>0.010</b>		0.000	<b>0.000</b>		0.001	<b>0.001</b>
Marki Mangli I	TUML	Maharashtra					0.002	<b>0.002</b>		0.000	<b>0.000</b>
Ardhagram	OCL	Odisha									<b>0.000</b>
Gare Palma IV/8	AMBUJA	Chhattisgarh									<b>0.000</b>
Tadicherla	TSPGCL	Telangana								0.002	<b>0.002</b>
<b>Total Private</b>			<b>0.000</b>	<b>0.663</b>	<b>0.663</b>	<b>0.000</b>	<b>0.981</b>	<b>0.981</b>	<b>0.000</b>	<b>0.855</b>	<b>0.855</b>
<b>Grand Total</b>			<b>0.000</b>	<b>2.122</b>	<b>2.122</b>	<b>0.000</b>	<b>1.922</b>	<b>1.922</b>	<b>0.000</b>	<b>2.110</b>	<b>2.110</b>

# 5

# Import and Export





**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)
2009-10	24.69000	201311.00	48.56500	190489.00	<b>73.25500</b>	<b>391800.00</b>	2.35500	33311.00		
2010-11	19.48392	208620.70	49.43368	206875.09	<b>68.91760</b>	<b>415495.80</b>	1.49021	31203.55		
2011-12	31.80101	424692.34	71.05162	363683.49	<b>102.85263</b>	<b>788375.83</b>	2.36469	47584.54		
2012-13	35.55697	378398.09	110.22847	490056.94	<b>145.78545</b>	<b>868455.02</b>	3.08065	56918.82	0.00065	10.22
2013-14	36.87214	348318.65	129.98489	574973.16	<b>166.85702</b>	<b>923291.81</b>	4.17053	67994.89	0.00127	23.73
2014-15	43.71529	337655.59	174.06751	707410.50	<b>217.78280</b>	<b>1045066.09</b>	3.29388	43806.15	0.00064	17.03
2015-16	44.56117	282519.09	159.38809	577818.53	<b>203.94926</b>	<b>860337.62</b>	3.07163	32683.54	0.00105	14.83
2016-17	41.64379	412300.61	149.30926	590013.33	<b>190.95305</b>	<b>1002313.94</b>	4.34648	54019.35	0.01912	433.29
2017-18	47.00325	595226.36	161.26926	789543.41	<b>208.27250</b>	<b>1384769.77</b>	4.58478	91524.74	0.01041	116.50
2018-19	51.83768	720497.64	183.40248	988309.74	<b>235.24017</b>	<b>1708807.38</b>	4.93094	120644.85	0.01937	403.43

**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)
2009-10	0.26958	695.53	2.17997	4346.64	<b>2.44955</b>	<b>5042.17</b>	0.12878	2080.04		
2010-11	0.11100	265.00	1.76393	4544.27	<b>1.87493</b>	<b>4809.27</b>	0.72859	11646.64		
2011-12	0.09722	286.72	1.91748	5525.35	<b>2.01470</b>	<b>5812.07</b>	0.61336	11524.78		
2012-13	0.05621	302.18	2.38676	8349.02	<b>2.44296</b>	<b>8651.19</b>	1.20114	6017.15	0.06906	360.27
2013-14	0.00802	34.94	2.18006	10805.12	<b>2.18808</b>	<b>10840.07</b>	0.15385	1521.38	0.00194	61.13
2014-15	0.04249	413.03	1.19588	6784.24	<b>1.23838</b>	<b>7197.27</b>	0.10206	1140.32	0.00285	39.81
2015-16	0.06410	650.37	1.51109	8348.06	<b>1.57519</b>	<b>8998.43</b>	0.14860	1493.51	0.00051	8.73
2016-17	0.02665	114.53	1.74600	9554.72	<b>1.77265</b>	<b>9669.25</b>	0.08869	1063.43	0.00538	305.12
2017-18	0.06791	394.41	1.43477	8382.61	<b>1.50268</b>	<b>8777.02</b>	0.10759	1730.13	0.00441	292.56
2018-19	0.05978	911.89	1.25356	8451.64	<b>1.31335</b>	<b>9363.53</b>	0.02507	229.26	0.04047	1221.27

**Note:**

- (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.

**Source:** DGCI & S, KOLKATA

**TABLE 5.3 : SOURCE COUNTRY-WISE IMPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2018-19**

(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)
Australia	36.93069	516773.79	11.23570	98650.71	48.16639	615424.50	0.43727	11635.83		
Austria	0.08165	920.35			0.08165	920.35				
Bangladesh Pr	0.00000	0.01	0.02897	237.85	0.02897	237.86				
Belgium			0.00288	46.65	0.00288	46.65				
Bhutan	0.00010	0.73	0.00786	57.32	0.00796	58.05				
Canada	4.29391	62142.89	0.16440	2067.98	4.45831	64210.87	0.00002	0.48		
Chile			0.25353	910.61	0.25353	910.61				
China P Rp			0.05115	1705.40	0.05115	1705.40	1.90515	47100.75	0.00608	94.08
Colombia	0.01154	148.75	0.49704	3190.34	0.50858	3339.09	0.47338	10248.96		
Cyprus			0.00028	3.53	0.00028	3.53	0.00741	137.51		
Denmark					0.00000	0.00	0.00466	74.81		
Egypt A Rp					0.00000	0.00	0.13818	3292.81		
Estonia					0.00000	0.00	0.00009	1.67		
Finland			0.18999	1926.37	0.18999	1926.37				
Germany			0.00003	1.49	0.00003	1.49	0.00015	3.36		
Hong Kong			0.18138	811.52	0.18138	811.52	0.02727	409.84	0.00205	35.06
Indonesia	1.16669	14051.94	111.60661	489878.73	112.77331	503930.67	0.02508	370.93		
Iran	0.00002	0.24	0.00010	0.76	0.00012	1.00	0.03786	752.85		
Ireland					0.00000	0.00	0.00010	1.54		
Italy					0.00000	0.00	0.03597	923.87	0.01120	272.92
Japan					0.00000	0.00	0.31539	8048.40		
Kazakhstan			0.00005	0.12	0.00005	0.12				
Kenya					0.00000	0.00		0.02		
Korea Rp			0.07700	276.18	0.07700	276.18	0.01536	426.70		
Latvia			0.40083	4209.32	0.40083	4209.32	0.00070	12.51		
Lithuania					0.00000	0.00	0.00113	22.94		
Malaysia			0.10848	473.04	0.10848	473.04	0.01008	111.91		
Malta			0.07596	459.70	0.07596	459.70				
Mexico					0.00000	0.00	0.03080	610.19		
Morocco			0.02000	91.13	0.02000	91.13				
Mozambique	2.23918	28217.57	4.85300	31792.45	7.09218	60010.02		0.55		
Netherland			0.01000	95.24	0.01000	95.24	0.03650	1007.16		
New Zealand	0.44722	5617.67	0.05190	271.19	0.49912	5888.86		0.00		
Oman					0.00000	0.00	0.01500	258.21		
Philippines			0.07510	347.79	0.07510	347.79				
Poland					0.00000	0.00	0.80071	21481.61		
Qatar					0.00000	0.00	0.00002	0.13		
Romania			0.02928	399.14	0.02928	399.14				
Russia	0.54477	6043.21	4.37610	41338.48	4.92087	47381.69	0.25092	6116.66		
Saudi Arab			0.03483	203.92	0.03483	203.92				
Singapore	1.50739	20819.05	4.14873	24552.57	5.65612	45371.62	0.15843	3575.83		
South Africa			31.15255	189505.47	31.15255	189505.47		0.01		
Spain			0.00076	16.73	0.00076	16.73	0.00008	2.35		
Sri Lanka Dsr					0.00000	0.00	0.00012	6.11		
Switzerland	0.04196	441.77	1.78338	8907.97	1.82534	9349.75	0.11550	2351.71		
Thailand				0.05	0.00000	0.05				
Turkey					0.00000	0.00	0.03025	620.81		
U Arab Emts	0.43755	6347.22	1.02654	5803.25	1.46409	12150.48	0.04999	971.61		
U K	0.00127	35.33	0.00191	58.54	0.00318	93.88	0.00018	6.67		
U S A	4.13374	58937.11	10.84179	78523.04	14.97553	137460.15	0.00672	51.76	0.00004	1.37
Uzbekistan				0.00	0.00000	0.00				
Venezuela					0.00000	0.00	0.00047	5.83		
Vietnam Soc Rep			0.10311	1472.66	0.10311	1472.66				
Unspecified			0.01128	22.46	0.01128	22.46				
<b>TOTAL</b>	<b>51.837683</b>	<b>720497.64</b>	<b>183.402483</b>	<b>988309.74</b>	<b>235.240166</b>	<b>1708807.38</b>	<b>4.930937</b>	<b>120644.85</b>	<b>0.019366</b>	<b>403.43</b>

Source: DGCI & S, KOLKATA

**TABLE 5.4 : DESTINATION COUNTRY-WISE EXPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2018-19**

( 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)
Algeria					0.000000	0.00			0.000032	4.89
Angola					0.000000	0.00			0.000026	0.83
Australia			0.000001	0.00	0.000001	0.00				
Azerbaijan					0.000000	0.00			0.000032	4.89
Baharain IS			0.000018	0.83	0.000018	0.83				
Bangladesh PR	0.001611	9.96	0.374879	1805.15	0.376490	1815.11	0.004059	56.33	0.000112	1.33
Bhutan	0.000030	0.42	0.027573	337.00	0.027603	337.42	0.000118	3.17	0.034636	864.52
Canada				0.00	0.000000	0.00				
Egypt A R P	0.050000	853.03			0.050000	853.03				
France				0.01	0.000000	0.01				
Greece			0.000018	0.52	0.000018	0.52				
Indonesia					0.000000	0.00	0.000072	1.64		
Iraq			0.000002	0.05	0.000002	0.05				
Israel			0.000028	0.66	0.000028	0.66				
Japan					0.000000	0.00				0.01
Jordan			0.000010	0.15	0.000010	0.15			0.000283	8.55
Korea RP				0.00	0.000000	0.00				
Kuwait			0.000010	0.54	0.000010	0.54			0.000016	2.54
Malaysia			0.000098	2.52	0.000098	2.52			0.000220	30.54
Maldives				0.01	0.000000	0.01	0.000004	0.20		
Mozambique			0.000001	0.02	0.000001	0.02				
Nepal	0.008142	48.48	0.848515	6242.98	0.856657	6291.46	0.018761	132.45	0.000432	3.93
Netherland					0.000000	0.00			0.000048	7.63
Oman			0.000074	3.01	0.000074	3.01	0.000024	0.53	0.000528	82.52
Pakistan IR					0.000000	0.00	0.001516	22.58	0.002227	67.43
Philippines			0.000586	19.00	0.000586	19.00				
Qatar			0.000086	3.65	0.000086	3.65			0.000274	8.94
Russia					0.000000	0.00			0.000196	32.83
Saudi Arab			0.000155	2.77	0.000155	2.77	0.000168	3.78	0.000685	68.43
Seychelles			0.000010	0.52	0.000010	0.52				
South Africa					0.000000	0.00	0.000058	2.19		
Spain					0.000000	0.00			0.000096	1.47
Sri Lanka DSR			0.000001	0.06	0.000001	0.06	0.000040	0.84	0.000340	10.65
Taiwan					0.000000	0.00			0.000020	1.24
Tanzania REP					0.000000	0.00	0.000035	1.84		
Thailand			0.000007	0.63	0.000007	0.63	0.000048	1.48	0.000016	2.47
U Arab EMTS			0.001488	31.58	0.001488	31.58	0.000160	2.21	0.000207	12.72
U K				0.00	0.000000	0.00	0.000005	0.03		
U S A			0.000001	0.00	0.000001	0.00			0.000004	0.21
Uganda					0.000000	0.00			0.000024	0.33
Vietnam SOC REP					0.000000	0.00			0.000016	2.39
Zambia			0.000001	0.01	0.000001	0.01				
Unspecified					0.000000	0.00				
<b>TOTAL</b>	<b>0.059783</b>	<b>911.89</b>	<b>1.253562</b>	<b>8451.64</b>	<b>1.313345</b>	<b>9363.53</b>	<b>0.025068</b>	<b>229.26</b>	<b>0.040470</b>	<b>1221.27</b>

Source: DGCI & S , KOLKATA

~ Provisional Coal Statistics 2018-19 ~

**TABLE 5.5 : PORT WISE IMPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2018-19**  
(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)
Agartala			0.02357	194.44	0.02357	194.44				
Applic Multi Prod Sez Vizag Dc			0.08020	409.05	0.08020	409.05	0.04280	895.32		
Bangalore Airport	0.00000	0.02	0.00002	0.22	0.00002	0.24				
Bedi Sea			0.07040	316.93	0.07040	316.93				
Bhavnagar			0.91991	4156.00	0.91991	4156.00				
Cfs Patparganj			0.00001	0.26	0.00001	0.26	0.00000	0.10		
Cfs Startrack Dadri			0.00007	1.09	0.00007	1.09				
Chennai Air				0.00	0.00000	0.00		0.04		
Chennai Sea	0.00108	30.40	0.03122	895.09	0.03230	925.49	0.01130	308.91	0.00287	44.66
Cochin Sea			0.04334	228.60	0.04334	228.60	0.00003	0.63		
Darranga (Rangia)			0.00575	41.80	0.00575	41.80				
Dehej Sea			7.36827	38547.26	7.36827	38547.26				
Delhi (Icd)					0.00000	0.00	0.00000	0.10		
Delhi Air				0.24	0.00000	0.24	0.00000	0.87		
Dhahanu Sea			0.40820	2141.55	0.40820	2141.55				
Dhamra(Chandbali)	6.88597	94461.29	4.59221	37635.08	11.47818	132096.37				
Dharmatar Sea			3.26762	15317.26	3.26762	15317.26	0.07350	1757.15		
Dighi Port Mumbai			0.07954	461.66	0.07954	461.66				
Ennore Sea	0.87798	12052.58	8.17731	35715.00	9.05528	47767.58	0.05990	1640.45		
Gangavaram Port	5.51235	76727.11	12.81915	69745.71	18.33149	146472.81	0.37937	9923.27		
Gopalpur Port	0.06873	894.18			0.06873	894.18				
Hazira Port, Surat	0.00019	4.94	5.88263	24782.50	5.88282	24787.44				
Hyderabad Airport	0.00000	0.01			0.00000	0.01				
Icd Bangalore					0.00000	0.00	0.00002	0.43		
Icd Bhusawal					0.00000	0.00	0.00466	74.77		
Icd Durgapur, Wb			0.02143	658.64	0.02143	658.64				
Icd Garhiharsaru			0.00011	3.61	0.00011	3.61	0.00048	8.60		
Icd Ludhiana			0.00050	8.29	0.00050	8.29				
Icd Mandideep					0.00000	0.00	0.00008	2.35		
Icd Nagpur			0.00143	55.10	0.00143	55.10				
Icd Raipur			0.00202	62.37	0.00202	62.37				
Icd Sabarmati			0.00062	13.51	0.00062	13.51	0.00002	0.69		
Icd Thar Dry Port			0.00157	23.53	0.00157	23.53				
Jabliant Infra Ltd Kandla			0.02150	81.52	0.02150	81.52				
Jaigad	2.95352	40951.27	4.93136	28679.82	7.88487	69631.09	0.03033	756.39		
Jaigaon	0.00010	0.73	0.00210	15.53	0.00221	16.25				
Jakhav			0.62689	2403.87	0.62689	2403.87				
Kakinada Sea	0.05994	886.74	2.89907	13801.67	2.95901	14688.41				
Kandla Sea	0.64885	9529.16	14.21088	82285.21	14.85973	91814.36	0.02816	613.31		
Karikal	0.52653	7180.88	4.66748	21961.60	5.19400	29142.48				
Kattupalli Port/ Tiruvallur			0.00045	10.15	0.00045	10.15				
Kodinar Sea			0.05748	169.64	0.05748	169.64				
Kolkata Air	0.00000	0.03	0.00000	0.62	0.00000	0.65		0.00		
Kolkata Sea	7.98574	115763.59	5.48397	38952.08	13.46971	154715.67	0.58498	13468.32	0.00410	72.07
Krishnapatnam	3.74410	48048.95	18.14064	99860.86	21.88474	147909.80	0.34529	8858.25		
Lcs Mahurighat			0.00231	18.50	0.00231	18.50				
Magdalla Port Sea	0.29868	3510.05	8.53082	47521.70	8.82950	51031.75	1.16547	30230.71		
Marmagoa Sea	4.76740	62996.48	2.86385	20988.43	7.63125	83984.91	0.35318	9581.07		
Mumbai Air	0.00000	0.10	0.00001	1.65	0.00001	1.74	0.00000	0.89		0.00
Mumbai Sea			2.43896	14471.99	2.43896	14471.99				
Mundra	1.25662	17064.41	22.94375	115602.94	24.20036	132667.35	0.00008	1.94		
Navlakhi			9.26632	41551.99	9.26632	41551.99				
Newmangalore Sea	0.54162	6719.32	5.01295	31784.12	5.55458	38503.43	0.56356	14204.46		
Nhava Sheva Sea			0.00480	162.13	0.00480	162.13	0.00299	63.37	0.00086	8.17
Okha	0.12522	1759.65	0.85314	5032.08	0.97836	6791.73				
Paradip Sea	10.02944	141336.77	8.79745	59247.88	18.82690	200584.65	0.88171	20313.78		
Parri Infra Co Pvt Ltd			0.01100	43.53	0.01100	43.53				
Petrapole Land	0.00000	0.01	0.00001	0.08	0.00001	0.09				
Pipavab(Vicyor)	0.03400	462.78	0.61747	4574.56	0.65147	5037.34	0.04156	685.99	0.01120	272.92
Porbandar			0.55318	3114.13	0.55318	3114.13				
Ranpar			0.24067	901.85	0.24067	901.85				
Revdanda			0.86921	3802.11	0.86921	3802.11				
Saraf Agencies Pvt Ltd			0.00330	36.11	0.00330	36.11				
Sez Cochin					0.00000	0.00		0.14		
Sez Dahej			0.01000	40.90	0.01000	40.90				
Sez Jamnagar (Reliance)			0.08249	315.62	0.08249	315.62				
Sez Mundra			8.83425	40845.58	8.83425	40845.58				
Srimantapur			0.00309	24.84	0.00309	24.84				
Tuticorin Sea			6.81572	28525.89	6.81572	28525.89	0.00247	143.69		
Visakhapatnam Sea	5.51963	80116.22	9.42688	48843.36	14.94651	128959.58	0.35904	7108.87	0.00033	5.61
Unspecified			0.38200	1220.44	0.38200	1220.44				
<b>TOTAL</b>	<b>51.83768</b>	<b>720497.64</b>	<b>183.40248</b>	<b>988309.74</b>	<b>235.24017</b>	<b>1708807.38</b>	<b>4.93094</b>	<b>120644.85</b>	<b>0.01937</b>	<b>403.43</b>

Source: DGCI & S, KOLKATA

**TABLE 5.6 : PORT WISE IMPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2018-19**  
( 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)
Ahmedabad Air Cargo Complex					0.000000	0.00				0.01
Bairgania			0.017146	134.14	0.017146	134.14				
Banbasa,Champawat/Uttarakhand			0.000001	0.02	0.000001	0.02				
Bangalore Airport			0.000001	0.00	0.000001	0.00				
Barhni	0.000166	1.55	0.055152	477.67	0.055318	479.22	0.000206	2.67	0.000152	1.63
Bhimnagar			0.011550	92.31	0.011550	92.31				
Bhithamore			0.010610	82.86	0.010610	82.86				
Borsorah			0.173142	803.25	0.173142	803.25				
Chasuapara			0.120342	577.22	0.120342	577.22				
Chennai Air				0.00	0.000000	0.00				
Chennai Sea			0.000027	1.16	0.000027	1.16				
Dalu			0.003519	17.41	0.003519	17.41				
Darranga (Rangia)					0.000000	0.00			0.001562	36.07
Delhi (Icd)			0.000030	0.74	0.000030	0.74				
Delhi Air			0.000010	0.52	0.000010	0.52				
Ghajadanga			0.000476	2.31	0.000476	2.31	0.000871	4.51		
Golokgans Rly.Stn			0.036952	190.11	0.036952	190.11				
Gouriphanta			0.044360	87.95	0.044360	87.95	0.000175	1.42		
Icd Kanakpura			0.000025	0.41	0.000025	0.41				
Icd Nagpur			0.000056	1.60	0.000056	1.60			0.000028	0.83
Icd Sabarmati					0.000000	0.00	0.000005	0.03	0.000026	0.83
Jaigaon	0.000030	0.42	0.016701	246.16	0.016731	246.58	0.000118	3.17	0.033074	828.46
Jogbani	0.000047	0.27	0.064196	491.95	0.064243	492.22	0.002130	17.29		
Joynagar			0.000539	4.10	0.000539	4.10				
Kandla Sea	0.020000	369.38			0.020000	369.38				
Kolkata Air			0.000001	0.00	0.000001	0.00				
Kolkata Sea			0.000004	0.16	0.000004	0.16	0.000058	2.19		
Krishnapatnam			0.000200	1.05	0.000200	1.05				
L C S Khunwa			0.006847	53.34	0.006847	53.34				
Laukaha, Madhubani			0.000042	0.24	0.000042	0.24				
Lcs Birpara Alipurduar			0.010872	90.84	0.010872	90.84				
Mahindra World City (Jaipur)			0.000001	0.02	0.000001	0.02				
Mankachar			0.000618	3.21	0.000618	3.21				
Mumbai Air				0.00	0.000000	0.00		0.00		
Mundra			0.001684	35.30	0.001684	35.30	0.002028	33.04	0.004615	298.55
Nautanwa (Sonauli)	0.007565	43.98	0.154354	1164.04	0.161919	1208.01	0.000627	5.01	0.000001	0.01
Nepalganj	0.000217	1.73	0.037595	298.84	0.037812	300.57	0.001897	15.93	0.000078	0.84
Newmangalore Sea	0.030000	483.65			0.030000	483.65				
Nhava Sheva Sea			0.000756	26.59	0.000756	26.59	0.000039	2.06	0.000606	51.10
Panitanki			0.313606	2372.54	0.313606	2372.54	0.006085	35.18	0.000134	0.94
Petrapole Land	0.001611	9.96	0.005907	47.28	0.007518	57.23	0.003188	51.82	0.000112	1.33
Pipraun			0.000852	5.90	0.000852	5.90				
Raxaul Land	0.000127	0.86	0.117849	866.94	0.117976	867.81	0.007641	54.94	0.000067	0.50
Sonbarsa	0.000020	0.09	0.005241	40.90	0.005261	40.99				
Sutarkandi			0.033723	163.34	0.033723	163.34				
Toothibari, Maharajganj			0.008575	69.24	0.008575	69.24				
Tuticorin Sea					0.000000	0.00			0.000015	0.16
Unspecified					0.000000	0.00				
<b>TOTAL</b>	<b>0.059783</b>	<b>911.89</b>	<b>1.253562</b>	<b>8451.64</b>	<b>1.313345</b>	<b>9363.53</b>	<b>0.025068</b>	<b>229.26</b>	<b>0.040470</b>	<b>1221.27</b>

Source: DGCI & S, KOLKATA



# 6

# Captive Blocks



**TABLE 6.1: SUMMARY OF ALLOCATION OF COAL BLOCKS STAND ALLOCATED/ VESTED/UNDER CUSTODIAN/ALLOTTED UNDER AUCTION BY COMPETITIVE BIDDING RULES, 2012 & LIGNITE BLOCKS STAND ALLOCATED DURING 2018-19**

Sector	End Use	No of blocks	Geological/Extractable Reserves (Qty. in MT)
(1)	(2)	(3)	(4)
<b>A. COAL BLOCKS</b>			
Public Sector Undertakings	Power	53	15422.13
	Commercial Mining	20	2147.20
	NRS	4	474.23
	UMPP	1	100.00
	<b>TOTAL</b>	<b>77</b>	<b>18043.56</b>
Private Companies	Power	7	388.73
	UMPP	7	3630.54
	NRS	18	351.06
	<b>TOTAL</b>	<b>32</b>	<b>4370.33</b>
ALL INDIA	Power	60	15810.86
	Commercial Mining	20	2147.20
	UMPP	8	3730.54
	NRS	22	825.29
	<b>TOTAL</b>	<b>110</b>	<b>22513.89</b>
<b>B. LIGNITE BLOCKS</b>			
State PSU	Power	11	1093.94
	Commercial	10	408.93
	<b>Subtotal</b>	<b>21</b>	<b>1502.87</b>
Private	Power	1	44.66
	Commercial	1	7.80
	<b>Subtotal</b>	<b>2</b>	<b>52.46</b>
ALL INDIA	Power	12	1138.60
	Commercial	11	416.73
	<b>Grand Total</b>	<b>23</b>	<b>1555.33</b>

\*In addition to the above, two captive coal blocks viz., Baisi & Jilga-Barpali were allocated to CSPGCL, details of which are not available in this office right now.

Note.

GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks (including some newly Allotted coal blocks), original GR have been shown as per available data.



**Table 6.2: Yearwise and Sectorwise Allotment of Captive Coal Blocks stand allocated/vested/Under Custodian including blocks allotted under auction by Competitive Bidding Rules, 2012 during 2018-19**

(GR in Million Tonnes)

Year of Allotment	Power		Ultra Mega Power Project		NRS		Govt. Commercial		Total	
	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(14)	(15)
1996					1	251.88			1	251.880
1998									0	0.000
2004	1	1436.00							1	1436.000
2006			2	575.00					2	575.000
2007			1	916.52					1	916.520
2008			1	100.00					1	100.000
2009			3	1339.02					3	1339.020
2010			1	800.00					1	800.000
2015	49	10420.11			17	332.13	7	364.863	73	11117.103
2016	9	3561.153			4	241.28	8	1531.948	21	5334.381
2017	1	393.60							1	393.600
2018							2	250.391	2	250.391
2019							3	NA	3	NA
<b>Total</b>	<b>60</b>	<b>15810.86</b>	<b>8</b>	<b>3730.54</b>	<b>22</b>	<b>825.29</b>	<b>20</b>	<b>2147.20</b>	<b>110</b>	<b>22513.89</b>

GR=Geological Reserves as estimated during allocation.

Note.

GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks (including some newly Allotted coal blocks), original GR have been shown as per available data.

**Table 6.3: Statewise and Sectorwise Allotment of Captive Coal Blocks stand allocated/vested/ Under Custodian including blocks allotted under auction by Competitive Bidding Rules, 2012 during 2018-19**

(GR in Million Tonnes)

State	Power		Ultra Mega Power Project		NRS		Govt. Commercial		Total	
	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Arunachal Pradesh							1	4.79	1	4.790
Chhattisgarh	12	4116.550	2	1113.67	4	119.07	5	625.038	23	5974.328
Jharkhand	16	5075.153	2	1141.87	9	449.99	6	450.39	33	7117.4038
Madhya Pradesh	3	995.88	2	575.00	2	34.81	3	152.673	10	1758.363
Maharashtra	7	430.35	1	100.00	4	31.12	1	11.54	13	573.010
Orissa	11	4818.290	1	800.00	2	171.370	2	660.90	16	6450.560
Telengana	1	45.36					1	110.87	2	156.230
West Bengal	10	329.28			1	18.93	1	131.00	12	479.210
<b>Total</b>	<b>60</b>	<b>15810.86</b>	<b>8</b>	<b>3730.54</b>	<b>22</b>	<b>825.29</b>	<b>20</b>	<b>2147.202</b>	<b>110</b>	<b>22513.8948</b>

Note.

GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks (including some newly Allotted coal blocks), original GR have been shown as per available data.

~ Provisional Coal Statistics 2018-19 ~  
**TABLE 6.4: COAL PRODUCTION FROM CAPTIVE BLOCKS SINCE 1997-98,**  
**PROJECTION FOR XII TH FIVE YEAR PLAN AND CCO ESTIMATES**

Year	Target / Achievement	Power		Iron & Steel		Govt. Comm		Private Comm & Cements		Total	
		No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1997-98	Achievement	2	0.71							2	0.71
1998-99		2	1.79	1	0.04					3	1.83
1999-00		2	2.17	1	0.78					3	2.95
2000-01		2	2.41	1	1.42					3	3.83
2001-02		2	2.91	1	1.55					3	4.46
2002-03		3	3.40	1	2.12					4	5.52
2003-04		4	5.36	1	2.47					5	7.83
2004-05		4	6.92	2	3.09			2	0.10	8	10.11
2005-06		5	7.58	2	5.76			2	0.28	9	13.62
2006-07		5	10.07	4	7.32			2	0.22	11	17.61
<b>XI th Five Year Plan</b>											
2007-08	Target 1	13	13.90	4	8.05	1	0.20	2	0.33	28	22.48
2007-08	Achvmt	7	12.83	5	8.01	1	0.08	2	0.33	15	21.25
2008-09	Target 1	20	22.53	14	11.21	3	1.65	3	0.33	58	35.72
2008-09	Achvmt	14	21.25	8	8.39	1	0.14	2	0.24	25	30.01
2009-10	Target 1	30	24.90	37	19.04	6	2.85	2	0.30	77	47.09
2009-10	Achvmt	14	25.735	11	9.475	1	0.25			26	35.46
2010-11	Target 1	33	35.80	41	31.20	8	5.70	2	0.30	86	73.00
2010-11	Target 2	15	25.50	9	9.64	1	0.20	2	0.30	27	35.64
2010-11	Achvmt	15	24.36	10	9.27	1	0.30	2	0.30	28	34.22
2011-12	Target 1	42	54.28	41	41.30	8	8.20	2	0.30	93	104.08
2011-12	Target 2	18	27.30	16	10.35	2	0.30	2	0.30	38	38.25
2011-12	Achvmt	15	25.82	11	9.83	1	0.22	2	0.30	29	36.17
<b>XII th Five Year Plan</b>											
2012-13	Target	17	26.80	17	11.10	3	1.00	2	0.30	39	39.20
2012-13	Achvmt	19	25.59	13	10.72	2	0.42	2	0.30	36	37.04
2013-14	Target	20	28.25	21	12.16	4	0.57	3	0.30	48	41.28
2013-14	Achvmt	22	26.81	13	11.64	3	0.73	2	0.30	40	39.49
2014-15	Target	25	37.87	14	12.69	3	1.01	4	0.30	46	51.87
2014-15	Achvmt	22	37.93	13	11.95	3	2.54	2	0.30	40	52.72

Note: Target 1 refers to XI th Five year Plan, Target 2 refers to CCO Estimate done in Dec 2010.

**COAL PRODUCTION FROM CAPTIVE BLOCKS DURING 2015-16 to 2018-19 PROJECTED ON CCO ESTIMATES AND AS PER MINE PLAN**

Year	Target / Achievement	Power		NRS		Govt. Comm		Total	
		No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2015-16	Target	6	22.700	5	3.270	2	2.000	13	27.970
2015-16	Achvmt	6	25.669	4	3.154	2	2.278	12	31.101
2016-17	Target	12	33.500	11	7.600	2	5.000	25	46.100
2016-17	Achvmt	7	27.381	6	5.157	2	4.896	15	37.434
2017-18	Target	8	43.540	9	7.800	3	12.250	20	63.590
2017-18	Achvmt	7	31.158	7	5.722	3	4.420	17	41.300
2018-19	Target	11	50.350	9	5.200	3	11.250	23	66.800
2018-19	Achvmt	11	45.625	11	4.275	3	4.952	25	54.852

**Table - 6.5 : LIGNITE BLOCKS STAND ALLOCATED DURING 2018-19**

Sl. No.	State (Block)	Date of Allocation	Name of Block	Name of Allocattee	No. of Blocks	Sector	GR while allotting (MT)	End Use Project	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Gujarat	04.04.2000	Khadsaliya	GHCL	1	Pvt	7.80	Commercial	Producing
2	Gujarat	05.12.2001	Tadkeswar	GMDC	1	Pub	40.00	Commercial	Producing
3	Gujarat	30/04/2003	Mata na Madh	GMDC	1	Pub	34.00	Commercial	Producing
4	Gujarat	21/07/1973/NA	Panandhro	GMDC	1	Pub	98.00	Commercial	Producing
5	Gujarat	05.12.2001	Rajpardi /G-19 Extn (Amod)	GMDC	2	Pub	21.00	Commercial	Producing
6	Gujarat	09.03.2000	Mongrol Valia	GIPCL	1	Pub	341.74	Power	Producing
7	Gujarat	06.09.2005	Khadsaliya-II	GPCL	1	Pub	22.50	Power	Non-producing
8	Gujarat	06.09.2005	Surka III	GPCL	1	Pub	NA	Power	Non-producing
9	Gujarat	05.12.2001	Surkha (North), Bhavnagar	GMDC	1	Pub	69.63	Commercial	Producing
10	Gujarat	23.09.2009	Umarsar	GMDC	1	Pub	27.50	Commercial	Producing
11	Gujarat	15.12.1995	Vastan	GIPCL	1	Pub	39.99	Power	Producing
12	Gujarat	22.09.1995	Ghogra-Surka	GPCL	1	Pub	60.68	Power	Non-producing
<b>Gujarat</b>			<b>Total</b>		<b>13</b>	<b>762.840</b>			
1	Rajasthan	02.11.1994	Giral	RSSML	1	Pub	101.90	Commercial	Producing
2	Rajasthan	25.08.2001	Matasukh	RSMML	1	Pub	16.90	Commercial	Producing
3	Rajasthan	25.08.2001	Kasnau Igiya	RSMML	1	Pub		Commercial	Producing
4	Rajasthan	06.09.2004	Soneri	RSMML	1	Pub	42.56	Power	Non-producing
5	Rajasthan	01.07.2005	Gurha(W)	RSMML	1	Pub	37.50	Power	Non-producing
6	Rajasthan	01.07.2005	Gurha(E)	V.S Lignite	1	Pvt	44.66	Power	Producing
7	Rajasthan	13.11.2006	Kapurdi	RRVPL	1	Pub	91.99	Power	Producing
8	Rajasthan	13.11.2006	Jalipa	RSMML	1	Pub	316.28	Power	Non-producing
9	Rajasthan	13.11.2006	Shivkar-Kurla	RSMML	1	Pub	112.00	Power	Non-producing
10	Rajasthan	13.11.2006	Sachcha Sauda	RSMML	1	Pub	28.70	Power	Non-producing
<b>Rajasthan</b>			<b>Total</b>		<b>10</b>	<b>792.490</b>			
<b>Grand Total</b>					<b>23</b>	<b>1555.330</b>			

Note: GR of Kharsaliya etc. is estimated from inferred GR.

**Table 6.6 : Statewise List of captive coal blocks stand vested/allocated during 2018-19**

Sl.No.	Block allocated	Schedule	No. of blocks	State where the block is located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of allocation	Name of the party	Type of Company (PSU(S)/ PSU@/private)	End –Use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)
1	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
<b>TOTAL TELANGANA POWER</b>			<b>1</b>		<b>45.36</b>					
2	Penagaddppa		1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
<b>TOTAL TELANGANA COMMERCIAL</b>			<b>1</b>		<b>110.87</b>					
3	Gare Palma Sector-I	III	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
4	Talaipalli	III	1	CH	861.25	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
5-6	Gidhmuri & Paturia	III	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
7	Parsa	III	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
8	Gare Pelma Sector II	III	1	CH	655.15	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
9-10	Parsa East & Kanta Basan	II	2	CH	450.97	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
11	Gare Palma Sector-III	III	1	CH	134.09	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
<b>TOTAL CHHATTISGARH POWER</b>			<b>9</b>		<b>2737.55</b>					
12	Madanpur South		1	CH	175.24	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corp. Ltd.	PSU(S)	Commercial
<b>TOTAL CHHATTISGARH COMMERCIAL</b>			<b>1</b>		<b>175.24</b>					
13	Gare-Palma- IV/4	II	1	CH	12.30	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
14	Gare-Palma-IV/5	II	1	CH	42.43	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
15	Chotia	II	1	CH	18.49	23.03.15	Vested	Bharat Aluminium Company Ltd.	P	NRS
16	Gare Palma IV/8	III	1	CH	45.85	22.04.15	Vested	Ambuja Cements Ltd.	P	NRS
<b>TOTAL CHHATTISGARH NRS</b>			<b>4</b>		<b>119.07</b>					
17	Tokisud North	II	1	JH	51.97	23.03.15	Vested	Essar Power MP Ltd.	P	Power
18	Jitpur	III	1	JH	65.54	22.04.15	Vested	Adani Power Ltd.	P	Power
19	Ganeshpur	III	1	JH	91.80	22.04.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
20-21	Chatti Bariatu, Chatti Bariatu South	III	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
22	Saharpur Jamarpani	III	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power
23	Pachwara Central	II	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power
24	Badam	III	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power
25	Pachwara North	II	1	JH	392.75	31.03.15	Allotted	WBPDCL	PSU(S)	Power
26	Rajbar E & D	III	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited	PSU(S)	Power
27	Banhardih	III	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power
28	Kerandari	III	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
29	Tubed	III	1	JH	189.82	08.06.16	Allotted	Damodar Valley Corporation Ltd.	PSU(C)	Power
<b>TOTAL JHARKHAND POWER</b>			<b>13</b>		<b>3258.15</b>					
30	Patal East		1	JH	200.00	29.09.16	Allotted	Jharkhand Mineral Development Corporation Ltd.	PSU(S)	Commercial
31-32	Kotre Basantpur & Pachmo		2	JH	250.39	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial
33	Amarkonda Murgadangal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
34	Brahmini		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
35	Chichro Patsimal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
<b>TOTAL JHARKHAND COMMERCIAL</b>			<b>6</b>		<b>450.39</b>					
36	Moitra	III	1	JH	29.91	22.04.15	Vested	JSW Steel Ltd.	P	NRS
37-38	Brinda & Sasai	III	2	JH	25.40	22.04.15	Vested	Usha Martin Ltd	P	NRS
39	Meral	III	1	JH	12.67	22.04.15	Vested	Trimula Industries Ltd.	P	NRS
40	Parbatpur Central	II	1	JH	50.98	23.03.16	Allotted	Steel Authority of India Ltd	PSU(C)	NRS
41	Lohari	III	1	JH	9.05	22.04.15	Vested	Araanya Mines Private Ltd.	P	NRS
42	Kathautia	II	1	JH	23.96	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
43	Dumri	III	1	JH	46.14	22.04.15	Vested	Hindalco Industries Ltd.	P	NRS
<b>TOTAL JHARKHAND NRS</b>			<b>8</b>		<b>198.11</b>					

**Table 6.6 : Statewise List of captive coal blocks stand vested/allocated during 2018-19**

Sl.No.	Block allocated	Schedule	No. of blocks	State where the block is located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of allocation	Name of the party	Type of Company (PSU(S)/ PSU@/private)	End –Use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)
1	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
44-49	Baranj – I, II, III, IV, Kiloni & Manora Deep	II	6	MH	90.35	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
<b>TOTAL MAHARASHTRA POWER</b>			<b>6</b>		<b>90.35</b>					
50	Marki Mangli III	II	1	MH	3.58	17.04.15	Vested	B.S. Ispat Ltd.	P	NRS
51	Nerad Malegaon	III	1	MH	10.62	22.04.15	Vested	Indrajit Power Pvt. Ltd.	P	NRS
52	Marki Mangli-I	II	1	MH	9.78	30.09.15	Vested	Topworth Urja and Metals Ltd.	P	NRS
53	Belgaon	II	1	MH	7.14	23.03.15	Vested	Sunflag Iron and Steel Co. Ltd	P	NRS
<b>TOTAL MAHARASHTRA NRS</b>			<b>4</b>		<b>31.12</b>					
54	Amelia	I	1	MP	393.60	17.01.17	Allotted	THDC India Limited (JV of Govt. of India & Govt. of U.P.)	PSU(C)	Power
55	Amelia (North)	II	1	MP	70.28	23.03.15	Vested	Jaiprakash Power Ventures Ltd.	P	Power
<b>TOTAL MADHYAPRADESH POWER</b>			<b>2</b>		<b>463.88</b>					
56	Sial Ghogri	II	1	MP	5.69	23.03.15	Vested	Reliance Cement Company Pvt. Ltd.	P	NRS
57	Bicharpur	II	1	MP	29.12	23.03.15	Vested	UltraTech Cement Ltd.	P	NRS
<b>TOTAL MADHYAPRADESH NRS</b>			<b>2</b>		<b>34.81</b>					
58	Suliyari		1	MP	141.00	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
<b>TOTAL MADHYAPRADESH COMMERCIAL</b>			<b>1</b>		<b>141.00</b>					
59	Talabira-I	II	1	Odisha	10.79	23.03.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
60	Dulanga	III	1	Odisha	152.05	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
61-62	Manoharpur & Dipside of Manoharpur	III	2	Odisha	152.12	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
63	Naini	III	1	Odisha	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
64	Talabira II & III	I	1	Odisha	152.33	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
65	Mandakini B	I	1	Odisha	1200.00	15.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
<b>TOTAL ORISSA POWER</b>			<b>7</b>		<b>1937.29</b>					
66-67	Utkal E & D	III	2	Odisha	171.37	02.05.16	Allotted	NALCO	PSU(C)	NRS
<b>TOTAL ORISSA NRS</b>			<b>2</b>		<b>171.37</b>					
68	Baitami West	I	1	Odisha	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
<b>TOTAL ORISSA COMMERCIAL</b>			<b>1</b>		<b>602.00</b>					
69	Trans Damodar	II	1	WB	47.32	23.03.15	Vested	The Durgapur Projects Ltd.	P	Power
70	Sarshatolli	II	1	WB	51.03	23.03.15	Vested	CESC Ltd.	P	Power
71	Barjora (North)	II	1	WB	56.57	31.03.15	Allotted	WBPDCCL	PSU(C)	Power
72	Khagra Joydev	II	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power
73-74	Tara (East) and Tara (West)	II	2	WB	11.06	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
75-76	Gangaramchak & Gangaramchak Bhadulia	II	2	WB	11.05	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
77	Barjora	II	1	WB	1.45	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
78	Kasta East	III	1	WB	47.00	16.05.16	Allotted	WBPDCCL	PSU(S)	Power
<b>TOTAL WEST BENGAL POWER</b>			<b>10</b>		<b>329.28</b>					
79	Ardhagram	II	1	WB	18.93	14.07.16	Vested	OCL IRON AND STEEL LTD.	P	NRS
<b>TOTAL WEST BENGAL NRS</b>			<b>1</b>		<b>18.93</b>					
80	Gourangdih ABC		1	WB	131.00	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
<b>TOTAL WEST BENGAL COMMERCIAL</b>			<b>1</b>	<b>WB</b>	<b>131.00</b>					
<b>TOTAL</b>			<b>80</b>		<b>11045.77</b>					

Note.  
GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks (including some newly Allotted coal blocks), original GR have been shown as per available data.

**Table 6.7: Sectorwise List of captive coal blocks stand vested/allocated during 2018-19**

Sl.No.	Block allocated	Schedule	No. of blocks	State where the block is located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of allocation	Name of the party	Type of Company (PSU(S)/PSU@/private)	End - Use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)
1	Gare Palma IV/4	II	1	CH	12.30	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
2	Gare Palma IV/5	II	1	CH	42.43	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
3	Chotia	II	1	CH	18.49	23.03.15	Vested	Bharat Aluminium Company Ltd.	P	NRS
4	Gare Palma IV/8	III	1	CH	45.85	22.04.15	Vested	Ambuja Cements Ltd.	P	NRS
5	Moitra	III	1	JH	29.91	22.04.15	Vested	JSW Steel Ltd.	P	NRS
6-7	Brinda & Sasai	III	2	JH	25.40	22.04.15	Vested	Usha Martin Ltd	P	NRS
8	Meral	III	1	JH	12.67	22.04.15	Vested	Trimula Industries Ltd.	P	NRS
9	Lohari	III	1	JH	9.05	22.04.15	Vested	Araanya Mines Private Ltd.	P	NRS
10	Kathautia	II	1	JH	23.96	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
11	Dumri	III	1	JH	46.14	22.04.15	Vested	Hindalco Industries Ltd.	P	NRS
12	Marki Mangli III	II	1	MH	3.58	17.04.15	Vested	B.S. Ispat Ltd.	P	NRS
13	Nerad Malegaon	III	1	MH	10.62	22.04.15	Vested	Indrajit Power Pvt. Ltd.	P	NRS
14	Marki Mangli-I	II	1	MH	9.78	30.09.15	Vested	Topworth Urja and Metals Ltd.	P	NRS
15	Belgaon	II	1	MH	7.14	23.03.15	Vested	Sunflag Iron and Steel Co. Ltd	P	NRS
16	Sial Ghogri	II	1	MP	5.69	23.03.15	Vested	Reliance Cement Company Pvt. Ltd.	P	NRS
17	Bicharpur	II	1	MP	29.12	23.03.15	Vested	UltraTech Cement Ltd.	P	NRS
18	Ardhagram	II	1	WB	18.93	14.07.16	Vested	OCL Iron And Steel Ltd.	P	NRS
<b>TOTAL PRIVATE NRS</b>			<b>18</b>		<b>351.06</b>					
19	Amelia (North)	II	1	MP	70.28	23.03.15	Vested	Jaiprakash Power Ventures Ltd.	P	Power
20	Tokisud North	II	1	JH	51.97	23.03.15	Vested	Essar Power MP Ltd.	P	Power
21	Jitpur	III	1	JH	65.54	22.04.15	Vested	Adani Power Ltd.	P	Power
22	Ganeshpur	III	1	JH	91.80	22.04.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
23	Talabira-I	II	1	ODI	10.79	23.03.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
24	Trans Damodar	II	1	WB	47.32	23.03.15	Vested	The Durgapur Projects Ltd.	P	Power
25	Sarshatolli	II	1	WB	51.03	23.03.15	Vested	CESC Ltd.	P	Power
<b>TOTAL PRIVATE POWER</b>			<b>7</b>		<b>388.73</b>					
26	Parbatpur Central	II	1	JH	50.98	23.03.16	Allotted	Steel Authority of India Ltd	PSU(C)	NRS
27-28	Utkal E & D	III	2	ODI	171.37	02.05.16	Allotted	NALCO	PSU(C)	NRS
<b>TOTAL PSU NRS</b>			<b>3</b>		<b>222.35</b>					
29	Tubed	III	1	JH	189.82	08.06.16	Allotted	Damodar Valley Corporation	PSU(C)	Power
30	Talaipalli	III	1	CH	861.25	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
31-32	Chatti Bariatu, Chatti Bariatu South	III	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
33	Saharpur Jamarpani	III	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power
34	Dulanga	III	1	ODI	152.05	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
35	Naini	III	1	ODI	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
36	Barjora (North)	II	1	WB	56.57	31.03.15	Allotted	WBPDCL	PSU(C)	Power
37	Khagra Joydev	II	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power
38	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
39	Gare Palma Sector-I	III	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
40-41	Gidhmuri & Paturia	III	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
42	Parsa	III	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
43	Gare Pelma Sector II	III	1	CH	655.15	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
44-45	Parsa East & Kanta Basan	II	2	CH	450.97	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
46	Gare Palma Sector-III	III	1	CH	134.09	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
47	Pachwara Central	II	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power



**Table 6.7: Sectorwise List of captive coal blocks stand vested/allocated during 2018-19**

Sl.No.	Block allocated	Schedule	No. of blocks	State where the block is located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of allocation	Name of the party	Type of Company (PSU(S)/PSU@/private)	End –Use Plant
48	Badam	III	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power
49	Pachwara North	II	1	JH	392.75	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
50	Rajbar E&D	III	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited (TVNL)	PSU(S)	Power
51	Banhardih	III	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power
52-57	Baranj – I, II, III, IV, Kiloni & Manora Deep	II	6	MH	90.35	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
58-59	Manoharpur & Dipside of Manoharpur	III	2	ODI	152.12	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
60-61	Tara (East) and Tara (West)	II	2	WB	11.06	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
62-63	Gangaramchak & Gangaramchak Bhadulia	II	2	WB	11.05	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
64	Barjora	II	1	WB	1.45	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
65	Kerandari	III	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
66	Amelia	I	1	MP	393.60	17.01.17	Allotted	THDC India Limited (JV of Govt. of India & Govt. of U.P.)	PSU(C)	Power
67	Talabira-II & III	I	1	ODI	152.33	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
68	Mandakini B	I	1	ODI	1200.00	15.09.16	Allotted	NTPC Ltd.	PSU(C)	Power
69	Kasta East	III	1	WB	47.00	16.05.16	Allotted	WBPDCCL	PSU(S)	Power
<b>TOTAL PSU POWER</b>			<b>41</b>		<b>8473.13</b>					
70	Baitarni West	I	1	ODI	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
71	Penagaddppa		1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
72	Madanpur South		1	CH	175.24	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corp. Ltd.	PSU(S)	Commercial
73	Patal East		1	JH	200.00	29.09.16	Allotted	Jharkhand Mineral Development Corporation Ltd.	PSU(S)	Commercial
74	Suliyari		1	MP	141.00	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
75	Gourangdih ABC		1	WB	131.00	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
76-77	Kotre Basantpur & Pachmo		2	JH	250.39	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial
78	Amarkonda Murgadangal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
79	Brahmini		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
80	Chichro Patsimal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
<b>TOTAL PSU COMMERCIAL</b>			<b>11</b>		<b>1610.50</b>					
<b>ALL TOTAL</b>			<b>80</b>		<b>11045.77</b>					

Note.

GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks (including some newly Allotted coal blocks), original GR have been shown as per available data.

**Table 6.8: Coal Blocks allotted under Auction by competitive Bidding Rules, 2012 as per records available in this office**

Sl. No.	Name of block	State	Name of Successful Bidder/Allottee	No. of blocks	Allotted/Vested	Date of allotment	Estimated GR (in MT)	Specified EUP
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Kente Extn	Chattisgarh	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	1	Allotted	31.03.2015	200.00	Power
2	Tentuloi	Odisha	Odisha Thermal Power Corp Ltd	1	Allotted	31.03.2015	1234.00	Power
3	Gondbahera- Ujjeni	Madhya Pradesh	Madhya Pradesh Power Generating Company Ltd.	1	Allotted	31.03.2015	532.00	Power
4	Kudanali-Luburi	Odisha	NTPC Ltd. and Jammu & Kashmir State Power Development Corp Ltd	1	Allotted	31.03.2015	396.00	Power
5	Banai	Chattisgarh	NTPC Ltd	1	Allotted	31.03.2015	629.00	Power
6	Bhalumuda	Chattisgarh	NTPC Ltd	1	Allotted	31.03.2015	550.00	Power
7	Sarapal-Nuapara	Odisha	Andhra Pradesh Power Generation Corp Ltd	1	Allotted	24.02.2016	701.00	Power
8	Chandrabila	Odisha	Tamil Nadu Generation & Distribution Corp Ltd	1	Allotted	24.02.2016	550.00	Power
9	Mahajanwadi	Maharashtra	Maharashtra Power Generation Corp Ltd	1	Allotted	24.02.2016	340.00	Power
10	Kalyanpur-Badalpara	Jharkhand	Haryana Power Generation Corp Ltd	1	Allotted	24.02.2016	102.00	Power
11	Kerwa	Chattisgarh	Kerwa Coal Limited (Joint Venture of Chhattisgarh Mineral Development Corpn. and M.P. State Mining Corporation Ltd.)	1	Allotted	21.07.2016	112.94	Commercial Mining
12	Brahmani	Odisha	Orissa Minerals Development Company	1	Allotted	21.07.2016	58.90	Commercial Mining
13	Pachwara South	Jharkhand	M/s. Neyveli Uttar Pradesh Power Limited (JV of NLC India Limited CPSU and Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited SPSU)	1	Allotted	03.10.2016	279.00	Power
<b>ALL TOTAL</b>				<b>13</b>			<b>5684.840</b>	

**Table 6.9 : List of coal blocks under Custodian during 2018-19**

Sl.No.	Block allocated	No. of blocks	State where the block is located	Geological/Extractable Reserves (in MT)	Name of the party	Type of Company (PSU(S)/PSU©/private)	End –Use Plant
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)
1	Namchik Namphuk	1	ArP	4.79	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>TOTAL ARUNACHAL PRADESH</b>		<b>1</b>		<b>4.79</b>			
2-3	Gare-Palma-IV/2 & IV/3	2	CH	178.86	Chairman, CIL (Custodian)	PSU(C)	Commercial
4	Gare-Palma-IV/1	1	CH	158.00	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>TOTAL CHHATTISGARH</b>		<b>3</b>		<b>336.86</b>			
5	Marki Mangli-II	1	MH	11.54	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>TOTAL MAHARASHTRA</b>		<b>1</b>		<b>11.54</b>			
6	Gotitoria (East)	1	MP	5.146	Chairman, CIL (Custodian)	PSU(C)	Commercial
7	Gotitoria (West)	1	MP	6.527	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>TOTAL MADHYAPRADESH</b>		<b>2</b>		<b>11.673</b>			
<b>TOTAL</b>		<b>7</b>		<b>364.863</b>			

GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan.

**NOTE :-** GR quantities are GR value as available with this office and subject to change for few blocks with approval of Mine Plan. Extractable Reserve (in MT) have been shown against the newly Allocated/Vested coal blocks as per CM(SP) Act, 2015, as per the data available in this office. For other blocks, original GR have been shown as per available data.

**Table 6.10: List of coal blocks not cancelled by Hon'ble Supreme Court**

Sl.No.	Block allocated	No. of blocks	State where the block is located	Geo-logical Reserves (in Million Tonnes)	Date of Allotment	Name of the party	Type of Company (PSU(S)/PSU ©/private	End -Use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Pindrakhi	1	CHH	421.51	09.09.09	Akaltara Power Ltd.	P	UMPP
2	Putra Parogia	1	CHH	692.16	09.09.09	Akaltara Power Ltd.	P	UMPP
<b>TOTAL CHHATTISGARH UMPP</b>		<b>2</b>		<b>1113.67</b>				
3	Pakri-Barwadih	1	JKD	1436.00	11.10.04	NTPC	PSU(C)	Power
<b>TOTAL JHARKHAND POWER</b>		<b>1</b>		<b>1436.00</b>				
4	Tasra	1	JKD	251.88	26.02.96	Steel Authority of India Ltd.	PSU(C)	NRS
<b>TOTAL JHARKHAND NRS</b>		<b>1</b>		<b>251.88</b>				
5	Kerandari BC	1	JKD	916.52	20.07.07	Power Finance Corporation Talaiy UMPP Jharkhand	P	UMPP
6	Mourya	1	JKD	225.35	26.06.09	Karanpura Energy Ltd.(SPV of JSEB)	P	UMPP
<b>TOTAL JHARKHAND UMPP</b>		<b>2</b>		<b>1141.87</b>				
7	Bhivkund	1	MAH	100.00	17.07.08	MAHAGENCO	P	UMPP
<b>TOTAL MAHARASHTRA UMPP</b>		<b>1</b>		<b>100.00</b>				
8-9	Moher, Moher-Amlori Extn.	2	MP	575.00	13.09.06	Power Finance Corporation Sasan UMPP	P	UMPP
<b>TOTAL MADHYAPRADESH UMPP</b>		<b>2</b>		<b>575.00</b>				
10	Bankui	1	ODI	800.00	21.06.10	Sakshigopal Integrated Power Co Ltd.	P	UMPP
<b>TOTAL ORISSA UMPP</b>		<b>1</b>		<b>800.00</b>				
<b>TOTAL</b>		<b>10</b>		<b>5418.420</b>				

Note: GR quantities are GR value as available with this office (as per MP/Status Report/Allocation letter etc.) and subject to change for few blocks with approval of Mine Plan.

## 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)

iii) **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 clean 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 carbonisation 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%
Washery Gr. V	35% ≤ Ash content < 42%
Washery Gr. VI	42% ≤ Ash content < 49%

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.

<b>Table 5: Concordance Table</b>	
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,

$$\text{Off-take} = \text{Despatches} + \text{Colliery Consumption}$$

**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. (JSMDCCL) 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
SECL(GP-IV/1)	Gare Palma IV/1 (This Coal Block is now under the Custody of SECL(Coal India Ltd. Subsidiary) - Public - Captive
SECL(GP-IV/2&3)	Gare Palma IV/2 & 3 (These two Coal Blocks are now under the Custody of SECL(Coal India Ltd. Subsidiary) - Public - 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
JSMDC	Jharkhand State Mineral Development Corporation Limited - Public - Non Captive
DVC	Damodar Valley Corporation - Public - Non Captive
IISCO	Indian Iron & Steel Company Limited - Public - Non Captive
SAIL	Steel Authority of India Limited - Public - Captive
RRVUNL	Rajasthan Rajya Vidyut Unnayan Nigam Limited - Public - Captive
NTPC	National Thermal Power Corporation - Public - Captive
WBPDCL	West Bengal Power Development Corporation Limited - Public - Captive
TSL(TISCO)	Tata Steel Limited - Private - Non Captive
HIL	Hindalco Industries Limited - Private - Captive
SIL	Sunflag Iron & Steel Company Limited - Private - Captive
TUML	Topworth Urja and Minerals Limited - Private - Captive
SPL	Sasan Power Limited - Private - Captive
CESC	CESC Limited - Private - Captive
GMR	GMR Chhattisgarh Energy Limited - Private - Captive
BALCO	Bharat Aluminium Company Limited - Private - Captive
JPVL	Jaiprakash Power Ventures Limited - Private - Captive
RCCPL	Reliance Cement Company Private Limited - Private - Captive
TUML	Topworth Urja and Minerals Limited - Private - Captive
OCL	OCL Iron and Steel Limited - Private - Captive
AMBUJA	Ambuja Cements Limited - Private - Captive
TSPGCL	Telengana State Power Generation Corporation 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 - Captive
GHCL	Gujarat Heavy Chemical Limited - Private - Captive
RSMML	Rajasthan State Mines and Mineral Limited - Public - Captive
VSLPPL	V. S Lignite Power Limited - Private - Captive
BLMCL	Barmer Lignite Mining Company Limited - Public - Captive
O.C.	OPEN CAST
U.G.	UNDER GROUND
OBR	Over Burden Removal