



PROVISIONAL COAL STATISTICS अंतरिम कोयला सांख्यिकी 2019-2020

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PROVISIONAL COAL STATISTICS 2019-20

**GOVERNMENT OF INDIA
MINISTRY OF COAL
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KOLKATA**

Provisional Coal Statistics 2019-20

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 2019-20**" 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 and Washery Performance.

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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Highlights

(A) Production

In the year 2019-20, total production of raw coal in India was 730.873 MT whereas it was 728.718 MT in 2018-19, showing a growth of 0.3% over the previous year. In the year 2019-20, production of lignite was 42.103 MT against 44.283 MT in 2018-19, showing a negative growth of (-) 4.92% over the year 2018-19. [Ref : table 2.1]

1. The contribution of public sector and private sector in the production of raw coal in 2019-20 was as follows: [Ref : table 2.10]

Production of Raw Coal in 2019-20 (MT)			
Sector	Coking	Non Coking	Total Coal
Public	46.727	648.834	695.561
Private	6.210	29.102	35.312
All India	52.937	677.936	730.873

2. In the year 2019-20, production of coking coal was 52.937 MT whereas it was 41.132 MT in 2018-19, showing an increase of 28.7% over the previous year. In 2019-20, production of non-coking coal was 677.936 MT against 687.586 MT in 2018-19, showing a negative growth of 1.4% over the previous year 2018-19. [Ref Table: 2.10].
3. In the year 2019-20, production of washed coal (coking) was 5.289 MT against 5.570 MT in 2018-19, thus decreased by 5.0% over 2018-19. In 2019-20, production of middling (coking) was 3.547 MT against 3.502 MT in 2018-19, thus increased by 1.3% over 2018-19. [Ref Table: 2.3]
4. In the year 2019-20 Chhattisgarh registered highest coal production of 157.744 MT (21.6%) followed by Odisha 143.016 MT (19.6%), Jharkhand 131.763 MT (18.0%) and Madhya Pradesh 125.726 MT (17.2%). In 2019-20, Tamil Nadu was the largest producer of lignite and produced 23.520 MT (55.9%) followed by Gujarat 10.360 MT (24.6%) and Rajasthan 8.223 MT (19.5%). [Ref Table: 2.6 & 2.7]
5. In the year 2019-20, Coal India Limited produced 602.129 MT (82.4%) and SCCL 64.044 MT (8.8%) of coal. In that year main producer of lignite was Neyveli Lignite Corporation and produced 24.868 MT (59.1%). [Ref Table: 2.10]
6. Like previous years in the year 2019-20, Jharkhand was the highest producer of coking coal and produced 52.364 MT which was 98.9% of total coking coal production of 52.937 MT. As the highest non-coking coal producing state, Chhattisgarh produced 157.494 MT (23.2%) followed by Odisha 143.016 MT (21.1%) and Madhya Pradesh 125.548 (18.5%). [Ref Table: 2.8]
7. In the year 2019-20, 94.44% of coal production in India was from opencast mines (690.207 MT) and the rest 5.56% was from underground mines (40.666 MT). [Ref Table:-2.15]. SECL was the highest producer of coal from underground

mines and produced 14.090 MT (34.65%) followed by ECL 9.206 MT (22.64%) and SCCL 8.685 MT (21.36%). [Ref Table: 2.16]

8. Productivity (OMS) of opencast mines in 2019-20 was 14.45 Tonnes for CIL and 16.57 Tonnes for SCCL. OMS for underground mines of CIL was 0.91 Tonnes and for SCCL it was 1.44 Tonnes. OMS is the output measured in tonnes per unit of man-shift. [Ref table: 2.18]
9. Overall stripping ratio for the year 2019-20 was 2.54. 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 2019-20, despatch of indigenous raw coal was 706.770 MT against 732.794 MT in 2018-19, thus decreased by 3.55% over 2018-19. In this year despatch of lignite was 42.267 MT against 45.810 MT in 2018-19, decreased by 7.73% over 2018-19. [Ref table : 3.1]
2. The contribution of public sector and private sector in the despatch of raw coal in 2019-20 was as follows: [Ref table : 3.8]

Despatch of Raw Coal in 2018-19 (MT)			
Sector	Coking	Non-coking	Total Coal
Public	44.450	627.497	671.947
Private	6.206	28.617	34.823
All India	50.656	656.114	706.770

3. In the year 2019-20, despatch of coking coal increased from 43.318 MT in 2018-19 to 50.656 MT in 2019-20, showing an increase by 16.94% in 2019-20. [Ref: Table 3.8]
4. In the year 2019-20, despatch of non-coking coal was 656.114 MT whereas it was 689.476 MT in 2018-19, thus decreased by 4.84% over 2018-19. [Ref table : 3.8]
5. In the year 2019-20, despatch of washed coal (coking) was 5.305 MT against 5.551 MT in 2018-19, decreased by 4.43% over 2018-19. In 2019-20, despatch of middling (coking) was 3.591 MT against 3.856 MT in 2018-19, decreased by 6.87% over 2018-19. [Ref table : 3.3]
6. In the year 2019-20, major quantity of coal was despatched from Chhattisgarh 147.075 MT (20.81%) followed by Odisha 135.878 MT (19.23%), Jharkhand 132.418 MT (18.74%), Madhya Pradesh 108.917 MT (15.41%) and Telangana 64.122 MT (9.07%). [Ref table : 3.6]
7. In case of lignite despatch, Tamil Nadu had the highest share of 23.775 MT (56.25%) followed by Gujarat 10.354 MT (24.50%) and Rajasthan 8.138 MT (19.25%). [Ref table : 3.7]
8. Out of the total despatch of raw coal in the year 2019-20, despatch of CIL was 581.234 MT (82.23%) and SCCL 62.465 MT (8.84%). Among the other PSUs, maximum coal was despatched by RRVUNL 15.000 MT. Despatch of coal from private sector was 34.823 MT in which SPL had the largest share of 18.783 MT followed by TSL 6.206 MT. [Ref table : 3.8]

9. Power Sector continued to be the largest user of coal. In 2019-20, coal despatched to power sector was 611.409 MT (86.5%) compared to 637.949 MT in 2018-19. In 2019-20, other than power sector coal was mainly dispatched to steel sector 17.141 MT, Cement 8.597 MT, Sponge Iron 10.443 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 2019-20 was 81.431 MT against 57.640 MT at the end of 2018-19. Closing Stock of lignite at the end of 2019-20 was 5.495 MT whereas it was 5.672 MT at the end of 2018-19. Out of total closing stock at the end of 2019-20, share of public sector was 98.34 MT. [Ref table: 4.3]

(D) Import and Export

1. In the year 2019-20, total import of coal was 248.54 MT compared to 235.35 MT in 2018-19, thus increased by 5.6% over 2018-19. In 2019-20, import of coking coal was 51.835 MT whereas it was 51.838 MT in 2018-19, slightly decreased over 2018-19. Import of non-coking coal was 196.704 MT in 2019-20 compared to 183.510 MT in 2018-19, increased by 7.2% over 2018-19. [Ref table : 5.1]
2. In the year 2019-20, coal was mainly imported from Indonesia (116.663 MT), Australia (46.718 MT), South Africa (42.481 MT), USA (12.158 MT), Russia (8.226 MT) and Mozambique (5.476 MT) [Ref table : 5.3]
3. In the year 2019-20, so far port wise import of coal was concerned, import was mainly through Mundra (21.850 MT), Krishnapatnam (20.133 MT), Paradip Sea (17.549 MT), Gangavaram (19.620 MT), Kandla Sea (15.4 MT), Vishakhapatnam (16.783 MT), Kolkata Sea (13.144 MT), etc. [Ref table : 5.5]
4. In the year 2019-20, export of coal was 1.047 MT compared to 1.306 MT in 2018-19. Coal was mainly exported to Nepal (0.824 MT) and Bangladesh (0.202 MT). [Ref table : 5.4]
5. Coal was mainly exported through Nautanwa (Sonauli) (0.42099 MT) Borsorah port (0.12556 MT). [Ref table :5.6]

(E) Captive Coal block

In the year 2019-20, the total production of raw coal from captive coal blocks in India was 61.295 MT compared to 54.852 MT in 2018-19. In 2019-20, despatch of coal from captive coal blocks was 59.966 MT compared to 54.662 MT in 2018-19. [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 3,44,021 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 3,09,017 Million Tonnes.

Total coal extracted since 1950 up to 2019-20 was around **16580812** Thousand Tonnes.

Introductory Note

1.1 Provisional Coal Statistics 2019-20 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 2019-20, 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 2019-20.

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	557.70	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	565.76	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	612.43	48.257	56.614	551.016	607.63	46.941
	Actual	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	639.23	43.843	59.213	572.956	632.169	42.212
	Actual	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	662.79	45.230	59.545	590.774	650.319	43.155
	Actual	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	675.40	46.255	45.380	642.451	687.831	45.929
	Actual	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	728.71	44.283	43.318	689.476	732.794	45.811
	Actual	41.132	687.586	728.71	44.283	43.318	689.476	732.794	45.811
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2019-20	Provisional	52.937	677.936	730.87	42.103	50.656	656.114	706.770	42.267
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 2019-20, apart from providing data on production, despatch and stock of coal and lignite in India for the year 2019-20 also provides data on coal reserves in India as on 01-04-2020, import and export of coal, performance of captive mining etc. during 2019-20.

1.4 In this report of 2019-20, 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 2019-20 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	3,15,148
	01/04/2018 *	1,48,787	1,39,164	31,069	3,19,020
	01/04/2019 *	1,55,614	1,40,501	30,381	3,26,496
	01/04/2020 *	1,63,461	1,50,392	30,168	3,44,021
Lignite	01/04/2017	6,541	26,014	12,143	44,698
	01/04/2018	6,541	26,389	12,734	45,664
	01/04/2019	6,788	26,237	12,734	45,759
	01/04/2020	6,788	26,237	12,994	46,019

* 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 2019-20, coal production in India reached 730.873 MT and registered a growth of 0.30% over the last year. During this period production of lignite reached 42.103 MT registering a negative growth of -4.92% over the last year. Statement 3A shows domestic production of coal in 2019-20 by Public and Private Sectors.

Company	Coal Production (2019-20) [MT]		
	Coking	Non-coking	Total
CIL	46.427	555.702	602.129
SCCL	-	64.044	64.044
Other Public	0.300	29.088	29.388
Total Public	46.727	648.834	695.561
Total Private	6.210	29.102	35.312
All India	52.937	677.936	730.873

1.8 It can be seen that Coal India Limited alone accounted for 82.38% of coal production in the country and share of SCCL was 8.76%. Share of public sector was 95.17% and that of private sector was 4.83. 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 (20.13%), MCL (19.20%) and NCL (14.78%). These three subsidiary companies of CIL collectively accounted for 54.12% of total coal production at all India level and 65.69% of production by CIL group.

Company	Coal Production (2019-20) [MT]		
	Coking	Non-coking	Total
ECL	0.026	50.375	50.401
BCCL	25.946	1.783	27.729
CCL	20.027	46.862	66.889
NCL		108.053	108.053
WCL	0.178	57.458	57.636

SECL**	0.250	150.296	150.546
MCL	0.000	140.358	140.358
NEC	0.000	0.517	0.517
CIL	46.427	555.702	602.129
** Including GP-IV/1 & GP-IV/2&3			

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 (92.76%). and 7.24% was coking coal.

1.10 From Table 2.2 it can be seen that in the year 2019-20 production of coking coal increased by 28.70% over the year previous year 2018-19 and non-coking coal production decreased by -1.40% over the previous year.

1.11 Statement 4 shows coal production in India during 2019-20 by states. It may be observed that the four major states were Chhattisgarh (21.6%), Odisha (19.6%), Jharkhand (18.0%) and Madhya Pradesh (17.2%). These four states together contributed about 76.4% of the total coal production in the country.

States	Coal Production (2019-20) [MT]		
	Coking	Non Coking	Total
Assam		0.517	0.517
Chhattisgarh	0.250	157.494	157.744
Jammu & Kashmir		0.014	0.014
Jharkhand	52.364	79.399	131.763
Madhya Pradesh	0.178	125.548	125.726
Maharashtra		54.746	54.746
Odisha		143.016	143.016
Telangana		65.703	65.703
Uttar Pradesh		18.030	18.030
West Bengal	0.145	33.469	33.614
All India	52.937	677.936	730.873

1.12 Considering coal production from the technology point of view then it can be seen from Table 2.15 that in the year 2019-20 production from opencast mining was 690.207 MT which accounted for 94.44% of the total coal production and the rest 40.666 MT i.e. 5.56% 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 90.380% in 2010-11 to 94.44% in 2019-20.

1.13 It can be seen from Table 2.3 that production of coal products increased from 42.617 MT in the year 2018-19 to 42.745 MT in the year 2019-20. Out of total coal products in 2019-20, production of washed coal (coking) was 5.289 MT and washed coal (non-coking) was 18.981 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 2019-20.

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 2019-20, the stripping ratio at all India level was 2.54, the corresponding figure for the year 2018-19 was 2.47. Stripping ratio of CIL for 2019-20 was 2.02 and 2.19 in the year 2018-19. In the year 2019-20, stripping ratio for the public sector as a whole was 2.43 and for the private sector it was 4.73. In case of CIL companies, NEC reported the highest stripping ratio of 9.15 against coal production (OC) of 0.517 MT whereas MCL reported the lowest stripping ratio of 0.89 against coal production (OC) of 139.522 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 2019-20 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 10.06 in 2010-11 to 14.45 in 2019-20. In case of SCCL it increased from 11.98 in 2010-11 to 16.57 in 2019-20 and thereafter dropped to 11.10 in 2013-14. However, it showed upward trend again to 12.14 in 2014-15 and 16.57 in 2019-20. Further details on the issue can be seen from the table 2.18.

Type of Mining	Company	Year	
		2018-19	2019-20
OC	CIL	15.21	14.45
	SCCL	16.95	16.57
UG	CIL	0.95	0.91
	SCCL	1.39	1.44
Overall	CIL	8.67	8.29
	SCCL	6.22	4.89

1.17 In Table 2.1 it is shown that production of lignite in the year 2019-20 was 42.103 MT whereas it was 44.283 MT in 2018-19 showing a negative growth of -4.92% over the previous year. It can also be seen that while coal production registered an increase of 36.91% in the year 2019-20 in comparison to the year 2010-11, the corresponding increase in lignite production was 11.58%. Statement 6 shows production of lignite by different companies in 2018-19 and 2019-20. In the year 2019-20, three major producing companies with share in total production were NLC (59.06%), GMDCL (16.52%), BLMCL (12.68%) and GIPCL (7.94%).

Statement 6: Lignite Production (MT) in India by Company in 2018-19 and 2019-20		
Company	2018-19	2019-20
NLC	24.250	24.868
GMDCL	9.160	6.957
GIPCL	3.313	3.342
RSMML	1.317	0.79
GHCL	0.093	0.061
VSLPPL	0.305	0.672
BLMCL	5.845	5.413
ALL INDIA	44.283	42.103

Despatch

1.18 In the year 2019-20, despatch of raw coal was 706.770 MT against 732.794 MT in the year 2018-19, thus resulting a negative growth of 3.55% over the previous year.

1.19 Statement 7 shows despatch of coal by different companies in the year 2019-20. It can be seen that Coal India Limited alone accounted for 82.23% of overall coal despatch in the country, while share of SCCL in coal despatch was 8.83%. The contribution of the private sector was 4.92%. In CIL group of companies, share of SECL in all India coal despatch during 2019-20 was 20.08%, MCL 18.96% and NCL 15.14%. These three subsidiary companies of CIL collectively accounted for 54.18% of raw coal despatch in all India level.

Statement 7: Coal Despatch in India by company- 2019-20			
Company	Coal Despatch (2019-20) [MT]		
	Coking	Non-coking	Total
ECL	0.027	49.108	49.135
BCCL	25.973	2.698	28.671
CCL	17.804	49.528	67.332
NCL		107.017	107.017
WCL	0.177	52.399	52.576
SECL	0.169	141.758	141.927

MCL		134.014	134.014
NEC		0.562	0.562
CIL	44.150	537.084	581.234
SCCL		62.465	62.465
Other Public	0.300	27.948	28.248
Total Public	44.450	627.497	671.947
Total Private	6.206	28.617	34.823
ALL INDIA	50.656	656.114	706.770

1.20 Statement 8 shows details of off-take of raw coal in India in the year 2019-20 by different sectors of economy. Analysis of total off-take by different sector shows that power sector accounted for 86.43% of total raw coal off-take. Further details are shown in Table 3.14.

Statement 8: Off-take of Raw Coal in India in 2019-20 by Sector	
Sector	Off-take [MT]
Power (Utility)	534.256
Power (Captive)	77.153
Steel	16.773
Steel (Boilers)	0.368
Cement	8.597
Fertilizers	1.762
Sponge Iron	10.443
Other basic-Metal	0.623
Chemical	0.213
Pulp & Paper	1.365
Textiles & Rayons	0.122
Bricks	0.026
Others	55.069
Total Despatches	706.770
Colliery Consumption	0.617
Total off-take	707.387

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 2019-20

1.22 From Statement 9 it can be seen that despatch as well as off-take of lignite in the year 2019-20 was 42.267 MT. Like coal, lignite was mainly despatched to power sector and share was 85.96% of total off-take. Besides this lignite was despatched to other sectors also as shown in the statement below.

Sector	Off-take (2019-20) [MT]
Power (Utility)	24.245
Power (Captive)	12.088
Steel	0.021
Cement	0.771
Fertiliser	0.001
Other Basic Metal	0.000
Chemical	0.299
Pulp & Paper	0.546
Textiles & Rayons	0.122
Bricks	0.464
Others	3.710
Total Despatch	42.267
Colliery Consumption	0
Total Off-take	42.267

Pit Head Closing Stock

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 31-03-2020 of coal and lignite was 81.431 MT and 5.495 MT respectively.

1.23 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 2010-11 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 2018-19 and it again increased in 2019-20. In case of lignite, closing stock has been showing upward trend since the year 2010-11 till 2017-18. However, for the year 2018-19 and 2019-20, it showed decreasing trend.

Year	Pit Head Closing Stock [MT]	
	Raw Coal	Lignite
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
2019-20	81.431	5.495

1.24 Statement 11 shows pit head closing stock of coal of CIL- subsidiaries, SCCL and others as on 31-03-2019 and 31-03-2020. It can be seen that in 2019-20, CIL registered an increase of 38.25% in its Pit head closing stock of coal. In the CIL Group, there was significant increase of closing stock in SECL, MCL and WCL. There was also significant increase 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	
	31-03-2019	31-03-2020
(1)	(2)	(3)
COAL :		
ECL	2.249	3.336
BCCL	3.416	2.314
CCL	13.745	13.302
NCL	3.370	3.999
WCL	9.240	14.296
SECL	9.265	17.875
MCL	12.906	19.879
NEC	0.100	0.054
CIL	54.291	75.055
SCCL	1.609	3.188
Others Public	0.876	1.833
Total Public	56.776	80.076
Total Private	0.864	1.355
ALL INDIA	57.640	81.431

Statement 12: Company wise Pit Head Closing Stock (MT) of Lignite in India		
	As on	
	31-03-2019	31-03-2020
(1)	(2)	(3)
LIGNITE :		
NLC	5.319	5.054
GMDCL	0.000	0.000
GIPCL	0.000	0.000
GHCL	0.025	0.028
RSMML	0.000	0.000
VSLPPL	0.050	0.020
BLMCL	0.278	0.388
TOTAL	5.672	5.495

Import & Export

1.25 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.

1.26 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.

1.27 In the year 2019-20 import of raw coal of the country was 248.537 MT (in value 1527320 Million Rupees) against import of 235.348 MT (in value 1709205 Million Rupees) in 2018-19. Thus in the year 2019-20, import of coal increased by 5.6% 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 2019-20		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	51.833	612668
Non-Coking	196.704	914652
Total	248.537	1527320

It can be seen that the share of coking coal in the total quantity was 20.86% which in value terms accounted for 40.11% of the total. Statement 14 shows source major country wise import of coal in India in 2019-20. It can be seen that Indonesia with 46.94% share (116.663 MT) remained the leading supplier of coal to India followed by Australia 18.8% (46.718 MT) and South Africa 17.09% (42.481 MT). These three countries together accounted for 82.83% of the total import to India during the year 2019-20.

Statement 14: Source Country-Wise Import of Coal to India during 2018-19		
Country	Quantity [MT]	Share
Indonesia	116.663	46.94%
Australia	46.718	18.80%
South Africa	42.481	17.09%

USA	12.158	4.89%
Mozambique	5.476	2.20%
Russia	8.226	3.31%
Canada	4.685	1.89%
Others	12.130	4.88%
Total	248.537	100%

1.28 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 2019-20		
Country	Quantity [MT]	% Share
Australia	35.916	69.29
Canada	4.647	8.96
USA	3.775	7.28
Mozambique	1.778	3.43
Indonesia	1.423	2.75
New Zealand	0.413	0.80
Others	3.881	7.49
Total	51.833	100%

Statement 16: Source Country-Wise Import of Non-Coking Coal to India during 2019-20		
Country	Quantity	Share
Indonesia	115.240	58.59%
South Africa	42.481	21.60%
Australia	10.802	5.49%
USA	8.384	4.26%
Russia	7.123	3.62%
Mozambique	3.699	1.88%
Others	8.975	4.56%
Total	196.704	100%

1.29 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
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
2019-20	70.000	50.656	51.833	0.002

Statement 18: Demand*, Despatch, Import and Export of Non-coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
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
2019-20	930.000	656.114	196.704	1.047

*Source: Annual Plan, MOC

1.30 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 2019-20 (Statement 19). It can be seen from the statement that coal was exported mainly to Nepal was 0.824 MT (78.7%) followed by Bangladesh 0.202 MT (19.29%).

Statement 19: Export of Coal by India to different countries during 2019-20		
Country	Quantity [MT]	% Share
Bangladesh PR	0.202	19.29%
Nepal	0.824	78.70%
Bhutan	0.021	2.01%
Others	0.000	0%
Total	1.047	100%

1.31 The break-up of country wise Export for non-coking coal is given in Statement 20.

Export of coking coal during 2019-20 was negligible.

Statement 20: Export of Non-Coking Coal from India to different countries during 2019-20		
Country	Quantity [MT]	Share
Bangladesh PR	0.202	19.31%
Nepal	0.824	78.78%
Bhutan	0.021	2.01%
Others	0	0%
Total	1.046	100.0%

Captive Coal & Lignite Blocks

9.1.1 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.

9.1.2 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.

9.1.3 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]

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

9.1.5 Under the "Auction by Competitive Bidding Rules, 2012", 11 regionally explored coal blocks have been allotted to Central/State Government companies.

9.1.6 In 2019-20, 29 Captive Coal Blocks vested/ allotted including 3 blocks under Not Cancelled by Hon'ble Supreme Court. From these total 29 coal blocks production of coal was 75.71 MT in 2019-20.

9.1.7 Therefore, as on 31.03.2020, number of coal blocks stand exist are 105 (vested/ allotted - 82 + Custodian -08 + Under Auction by Competitive Bidding Rules, 2012 - 11 and blocks not cancelled - 04).

9.1.8 As on 31.03.2020, number of lignite blocks stands allocated are 23.

Chart-I : MONTH-WISE RAW COAL PRODUCTION, DESPATCHES & STOCK IN INDIA, 2019-20

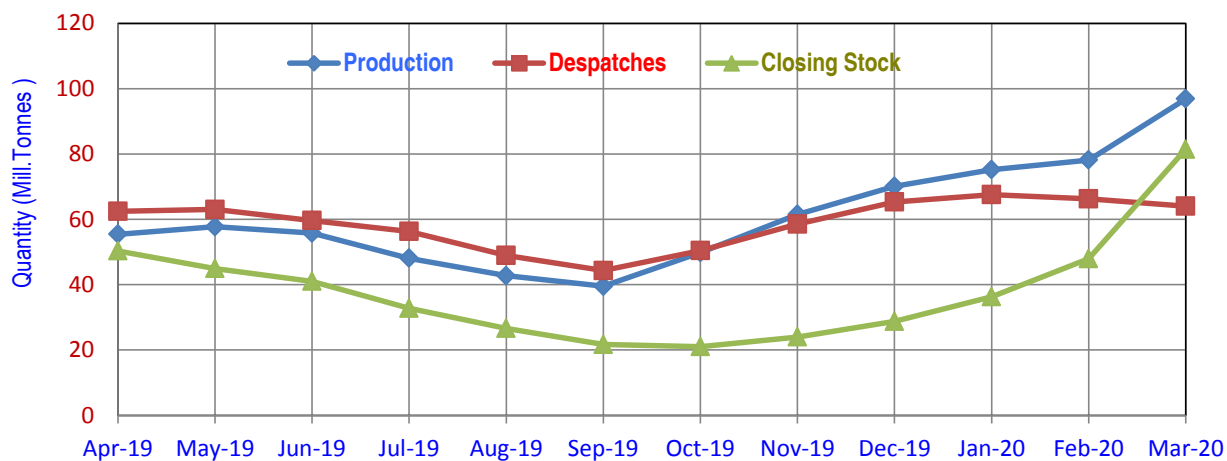


Chart-II : RAW COAL PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS

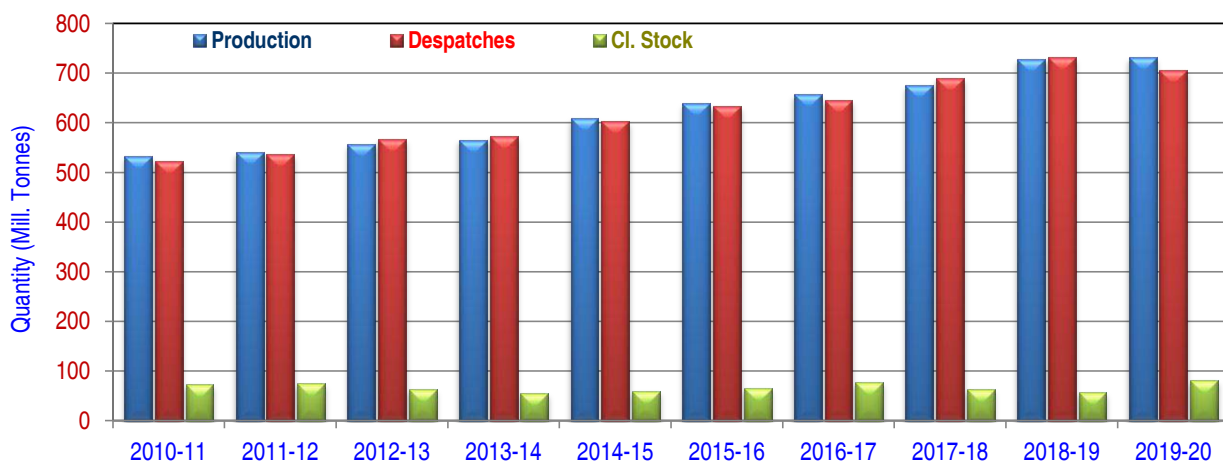


Chart-III : LIGNITE PRODUCTION, DESPATCHES & STOCK LAST TEN YEARS

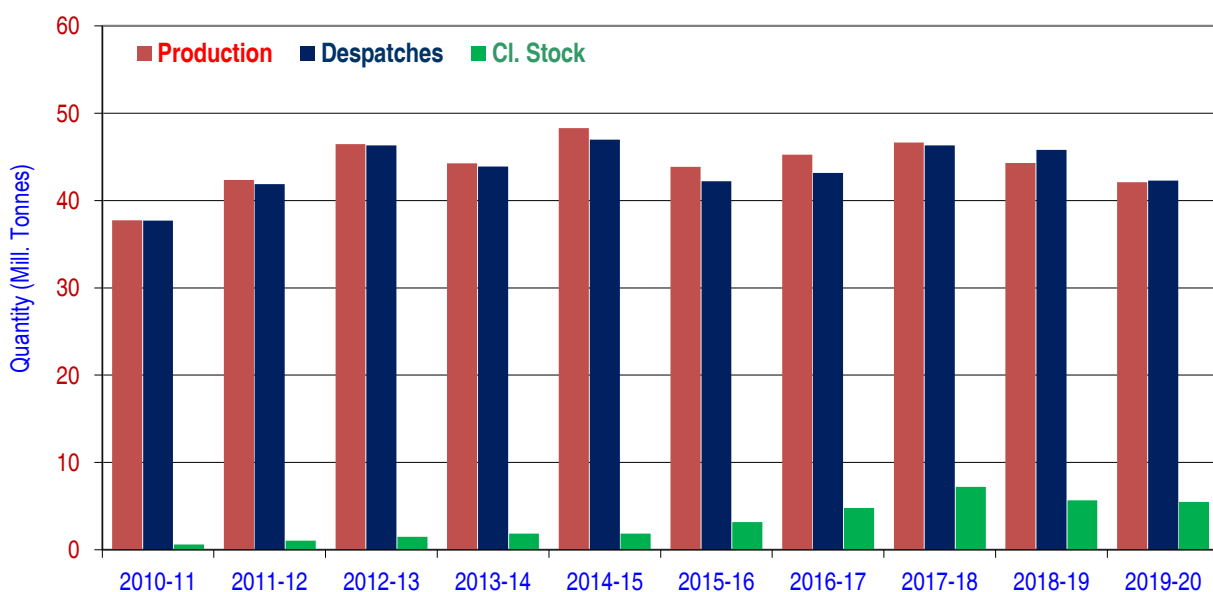


Chart - IV : Sectorwise Despatches of Raw Coal from different companies in 2019-20

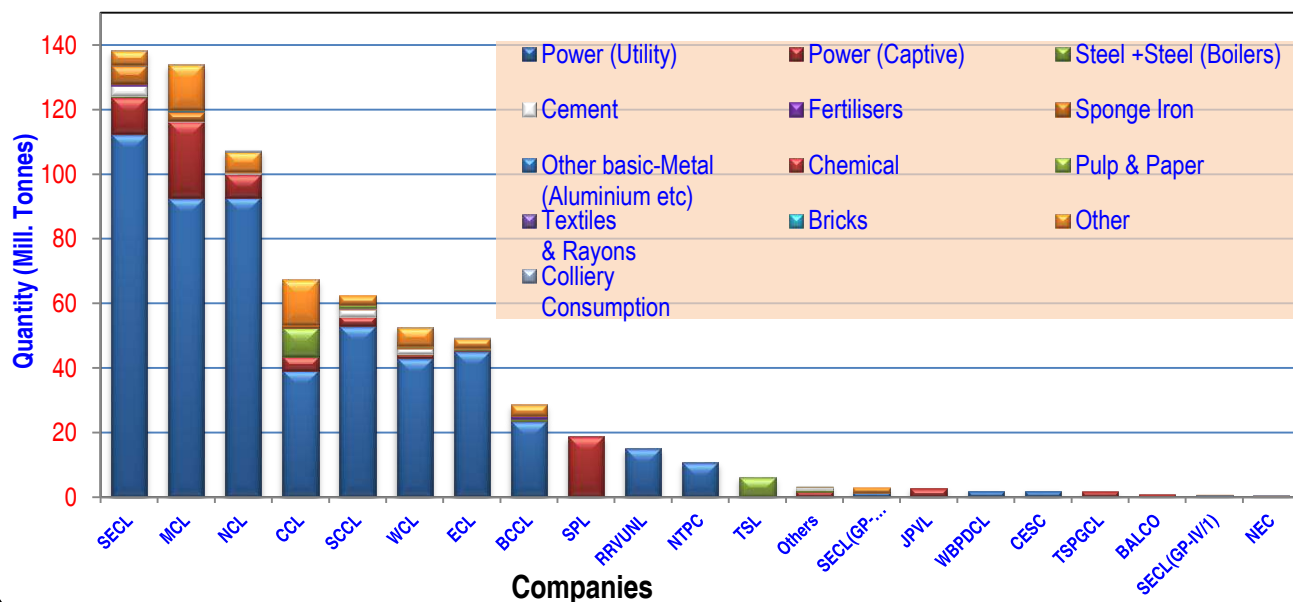


Chart - V : Import of Coal (Coking and Non-coking), Coke and Lignite during last Ten Years

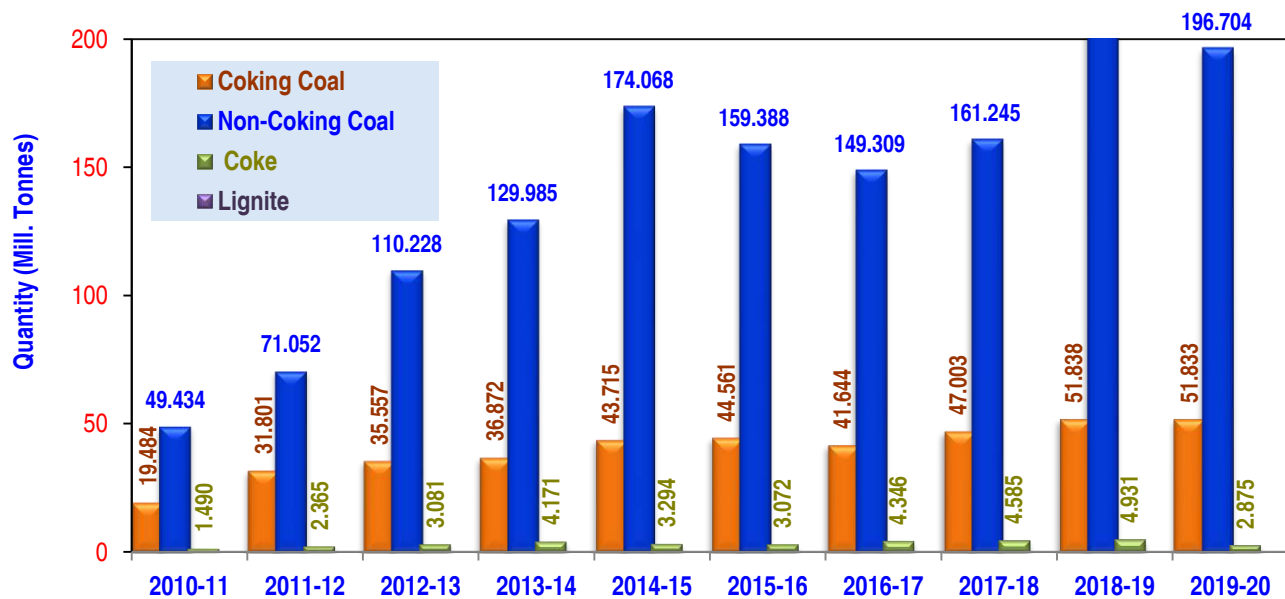


Chart - VI : Export of Coal (Coking and Non-coking), Coke and Lignite during last Ten Years

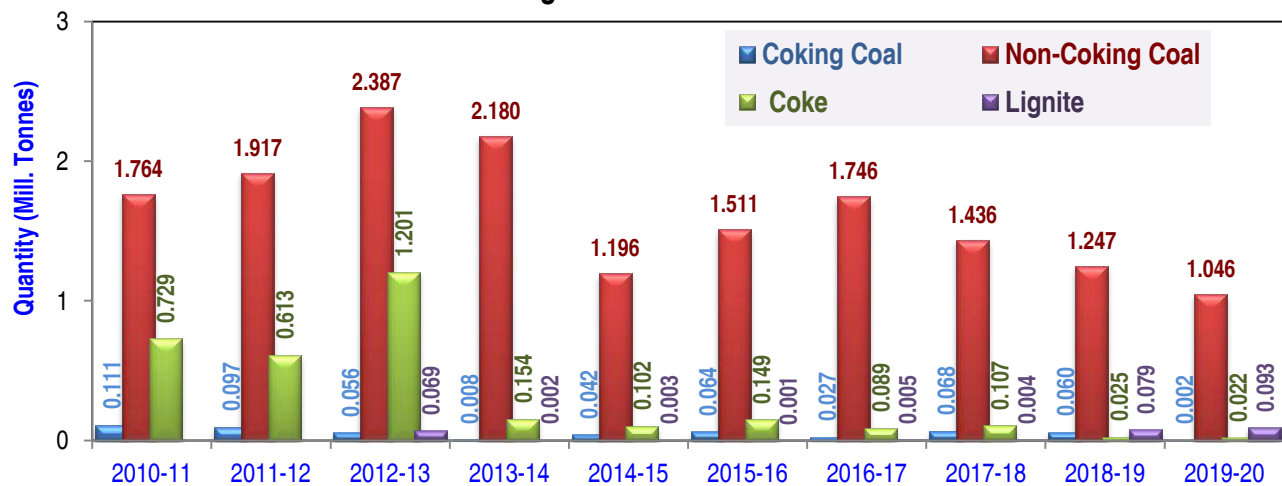


Table 1.1: All India Coal Demand (BE) and Supply - Sectorwise: 2019-20

(Quantity in MillionTonnes)

Sector	Demand (BE)	Actual Supply			Achievement
		Indigenous	Import	Total	
I. Coking Coal					
1 Steel/Coke Oven/Private Cokeries	70.00	17.15			98.5%
2 Import			51.84	68.98	
Sub Total (Raw Coal)	70.00	17.15	51.84	68.98	98.5%
II. Non Coking Coal					
3 Power (Utilities)	682.00	533.40		533.40	78.2%
4 Power (Captive)	102.00	77.15		77.15	75.6%
5 Cement	42.00	8.60		8.60	20.5%
6 Sponge Iron	48.00	10.44		10.44	21.8%
7 Others	56.00	59.18		59.18	105.7%
8 Coll. Consumption		0.62		0.62	
Sub-total (Non Coking Raw Coal)	930.00	689.39	183.40	872.79	93.8%
III. Total Raw Coal Offtake	1000.00	706.54	235.24	941.78	94.2%

Note:

- 1 Sectorwise Demand as per Annual Plan of Min. of Coal, GOI.
- 2 Import of Coal (Provisional) for the year 2019-20 (Source DGCI&S)

Table 1.2: Supply Plan of Indigenous Coal - Sourcewise in 2019-20

(Quantity in MillionTonnes)

Source of Supply	Supply Plan (BE)	Actual supply	Achievement
1 ECL	53.50	49.32	92.2%
2 BCCL	36.00	28.69	79.7%
3 CCL	77.00	67.33	87.4%
4 NCL	106.25	107.42	101.1%
5 WCL	56.00	52.58	93.9%
6 SECL*	170.50	141.94	83.2%
7 MCL	160.00	134.02	83.8%
8 NEC	0.75	0.56	74.9%
9 Total CIL	660.00	581.85	88.2%
10 SCCL	68.00	62.47	91.9%
11 Others	83.00	62.22	75.0%
All India Indigenous Coal Supply	811.00	706.54	87.1%
* Including 0.821 from GP=IV/1 and 2.888 from GP-IV/2&3			
Total Coal Supply / Availability	BE (2019-20)	Actual	Achievement
a. Demand	1000.00	941.78	94.2%
b. Indegenous Supply	811.00	706.54	87.1%
c. Materialisation through Import	235.24	235.24	100.0%
d. Total Supply/ Availability	1046.24	941.78	90.0%
e. Overall Demand - Supply Gap	-46.24	104.46	-225.9%

Demand & Supply Plan is as per Annual Plan 2019-20 of MOC.

Table 1.3: Indigenous Coal Supply Plan (BE) & Achievement : 2019-20

(Quantity in MillionTonnes)

Sector	BE (2019-20) \$				Actual				Achievement (%)			
	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total
I. Coking Coal												
1 Steel (Indigenous)	8.08	0.00	11.31	19.39	10.28	0.01	6.86	17.14	127%		61%	88%
2 Private Cokeries/												
Sub Total (R/C)	8.08	0.00	11.31	19.39	10.28	0.01	6.86	17.14	127%		61%	88%
II. Non Coking Coal												
3 Power (Utilities)	530.00	52.93	8.48	591.41	451.76	52.93	29.57	534.26	85%	100%	349%	90%
4 Power (Captive) CPP#	55.70	3.17	60.00	118.87	48.27	3.06	25.82	77.15	87%	97%	43%	65%
5 Cement	5.03	2.19	0.35	7.57	5.76	2.19	0.65	8.60	114%	100%	186%	114%
6 Sponge Iron/ CDI	12.73	0.10	0.39	13.22	10.23	0.10	0.11	10.44	80%	104%	27%	79%
7 Others	48.27	9.61	2.47	60.35	54.93	4.18	0.07	59.18	114%	43%	3%	98%
8 Colly. Consumption	0.19		0.00	0.19	0.62	0.00	0.00	0.62	325%			325%
Sub-total (R/C)	651.92	68.00	71.69	791.61	571.57	62.46	56.22	690.25	88%	92%	78%	87%
III. Total Raw Coal	660.00	68.00	83.00	811.00	581.85	62.47	63.07	707.39	88%	92%	76%	87%

\$ Based on Annual Plan 2019-20 of MOC.

CPP Includes Despatch to Fertilizer Sector.

TABLE 1.4 : BALANCE SHEET OF AVAILABILITY AND SUPPLY OF RAW COAL & LIGNITE DURING 2018-19 & 2019-20

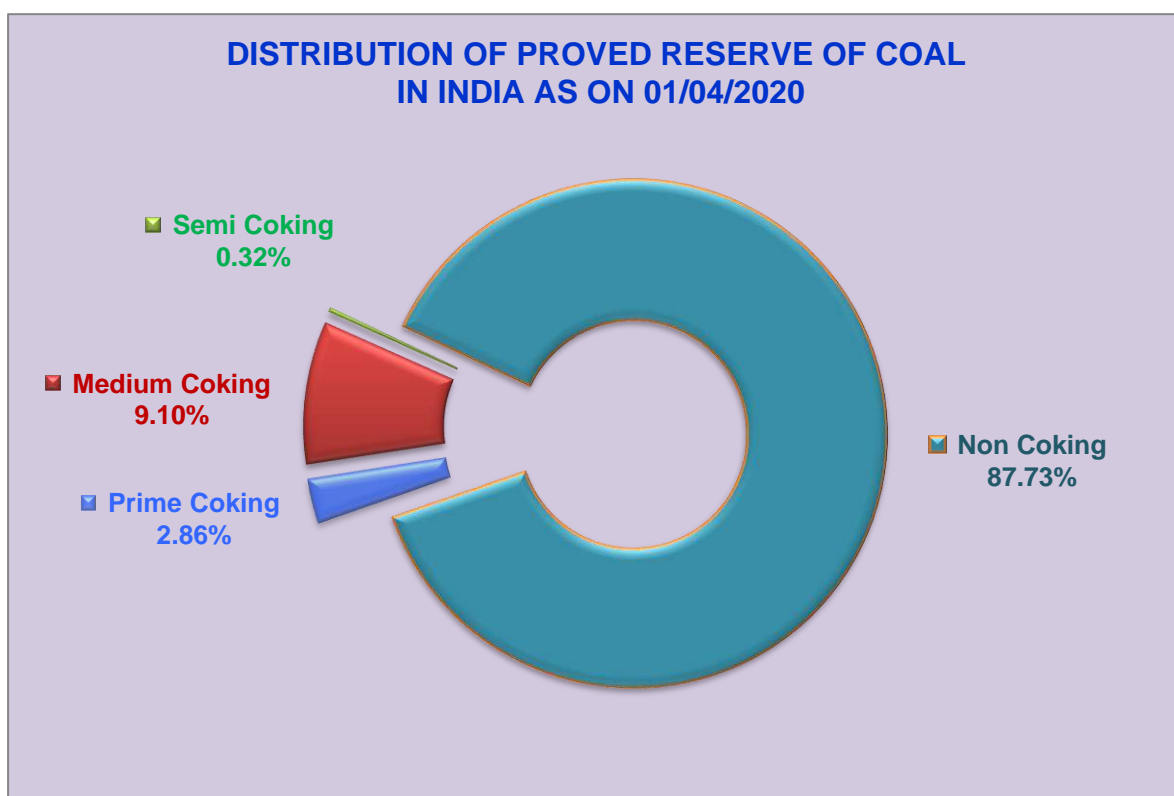
(Quantity in Million Tonnes)

Availability (within India)	2018-19	2019-20	Supply (within India)	2018-19				2019-20			
				Raw Coal	Lignite	Imported Coal	Total	Raw Coal	Lignite	Imported Coal	Total
(A) Production			Sectors								
Coking Coal	41.132	52.937									
Non-coking Coal	687.586	677.936									
Lignite	44.283	42.103	Steel & Washery	12.813	0.094	51.838	64.745	17.141	0.021	51.838	69.000
Total	773.001	772.976	Power (Utility+Captive)	621.644	37.728	N.A.	659.372	611.409	36.333	N.A.	647.742
(B) Change of Vendible Stock (Closing - Opening)			Cement	8.816	1.803	N.A.	10.619	8.597	0.771	N.A.	9.368
Coking Coal	-1.917	2.288	Textile	0.204	2.614		2.818	0.122	0.122		0.244
Non-coking Coal	-2.479	21.503	Sponge Iron	12.092	0.048		12.140	10.443	0.014		10.457
Lignite	-1.538	-0.177	Fertilizer & Chem.	1.789	0.001		1.790	1.762	0.001		1.763
Total Change (Cl - Op)	-5.934	23.614	Paper	1.637	0.602		2.239	1.365	0.546		1.911
(C) Import			Brick	0.093	0.634		0.727	0.026	0.464		0.490
Coking Coal	51.838	51.838	Others	73.706	2.287	183.511	259.504	55.904	3.995	183.402	243.302
Non-coking Coal	183.511	183.402	Colliery Consmn.	0.220			0.220	0.617			0.617
Total Raw Coal	235.349	235.240	Total Off-take	733.014	45.810	235.349	1014.173	707.387	42.267	235.240	984.894
(D) Export	1.306	1.047	Statistical Difference				-1.195				-1.339
(E) Total Availability	1012.977	983.555	Total Supply				1012.977				983.555

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 - 1.6: INVENTORY OF GEOLOGICAL RESERVE OF COAL BY TYPE AS ON 1st APRIL 2018, 2019 & 2020

Type of Coal (1)	As on (2)	Reserve (Quantity in Million Tonnes)			
		Proved (3)	Indicated (4)	Inferred (5)	Total (6)
Prime Coking	01/04/2018	4,649	664	0.00	5,313
	01/04/2019	4,668	645	0.00	5,313
	01/04/2020	4,668	645	0.00	5,313
Medium Coking	01/04/2018	13,914	11,709	1,879	27,502
	01/04/2019	14,876	11,245	1,863	27,984
	01/04/2020	14,876	11,245	1,863	27,984
Blendable / Semi Coking	01/04/2018	519	995	193	1,708
	01/04/2019	519	995	193	1,708
	01/04/2020	519	995	193	1,708
Non Coking (Including High Sulphur)	01/04/2018	1,29,705	1,25,796	28,996	2,84,498
	01/04/2019	1,35,552	1,27,615	28,325	2,91,492
	01/04/2020	1,43,398	1,37,507	28,112	3,09,017
Total	01/04/2018 *	1,48,787	1,39,164	31,069	3,19,020
	01/04/2019 *	1,55,614	1,40,501	30,381	3,26,496
	01/04/2020 *	1,63,461	1,50,392	30,168	3,44,021



* Including Sikkim

Source: Geological Survey of India

TABLE - 1.7: STATEWISE INVENTORY OF GEOLOGICAL RESOURCES OF COAL AS ON 1st APRIL 2018, 2019 & 2020

(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)
GONDAWANA COALFIELDS						TERTIARY COAL FIELDS					
Assam	1/4/2018	0	14	0	14	Arunachal Pradesh	1/4/2018	31	40	19	90
	1/4/2019	0	14	0	14		1/4/2019	31	40	19	90
	1/4/2020	0	14	0	14		1/4/2020	31	40	19	90
Andhra Pradesh	1/4/2018	0	1,149	432	1,581	Assam	1/4/2018	465	43	3	511
	1/4/2019	97	1,078	432	1,607		1/4/2019	465	43	3	511
	1/4/2020	97	1,078	432	1,607		1/4/2020	465	43	3	511
Jharkhand	1/4/2018	45,563	31,439	6,150	83,152	Meghalaya	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
	1/4/2020	49,469	30,284	5,850	85,602		1/4/2020	89	17	471	576
Bihar	1/4/2018	161	813	392	1,367	Nagaland	1/4/2018	9	0	401	410
	1/4/2019	310	1,513	11	1,834		1/4/2019	9	22	415	446
	1/4/2020	310	2,431	11	2,751		1/4/2020	9	22	415	446
Madhya Pradesh	1/4/2018	11,958	12,154	3,875	27,987	Tertiary Coalfields	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
	1/4/2020	12,597	12,888	3,799	29,285		1/4/2020	594	121	908	1,623
Chhattisgarh	1/4/2018	20,428	34,576	2,202	57,206	INDIA	1/4/2018	1,48,787	1,39,164	31,069	3,19,020
	1/4/2019	21,446	36,260	2,202	59,908		1/4/2019	1,55,614	1,40,501	30,380	3,26,495
	1/4/2020	24,985	42,368	2,079	69,432		1/4/2020	1,63,461	1,50,392	30,168	3,44,021
Maharashtra	1/4/2018	7,178	3,074	2,048	12,299	Gondawana coalfield, not considered in Tertiary coalfields.					
	1/4/2019	7,573	3,257	1,847	12,677						
	1/4/2020	7,624	3,257	1,847	12,728						
Odisha	1/4/2018	37,391	34,165	7,739	79,295						
	1/4/2019	39,654	33,473	7,713	80,840						
	1/4/2020	40,872	36,067	7,713	84,652						
Sikkim	1/4/2018	0	58	43	101						
	1/4/2019	0	58	43	101						
	1/4/2020	0	58	43	101						
Uttar Pradesh	1/4/2018	884	178	0	1,062						
	1/4/2019	884	178	0	1,062						
	1/4/2020	884	178	0	1,062						
Telangana	1/4/2018	10,475	8,576	2,651	21,702						
	1/4/2019	10,622	8,565	2,652	21,839						
	1/4/2020	10,841	8,521	2,863	22,225						
West Bengal	1/4/2018	14,156	12,869	4,643	31,667						
	1/4/2019	14,219	12,847	4,624	31,690						
	1/4/2020	15,189	13,125	4,623	32,937						
Gondawana	1/4/2018	1,48,194	1,39,065	30,174	3,17,433						
	1/4/2019	1,55,021	1,40,379	29,472	3,24,872						
	1/4/2020	1,62,867	1,50,271	29,259	3,42,397						

Source: Geological Survey of India

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

**TABLE - 1.8 : STATEWISE INVENTORY OF GEOLOGICAL RESERVE OF LIGNITE
AS ON 1st APRIL 2018, 2019 & 2020**

State	As on	Resources (Quantity in Million Tonnes)			
		Proved	Indicated	Inferred	Total
(2)	(1)	(3)	(4)	(5)	(6)
Gujarat	01-04-2018	1279	284	1160	2722
	01-04-2019	1279	284	1160	2722
	01-04-2020	1279	284	1160	2722
J & K	01-04-2018	0	20	7	28
	01-04-2019	0	20	7	28
	01-04-2020	0	20	7	28
Kerala	01-04-2018	0	0	10	10
	01-04-2019	0	0	10	10
	01-04-2020	0	0	10	10
Pondicherry	01-04-2018	0	406	11	417
	01-04-2019	0	406	11	417
	01-04-2020	0	406	11	417
Rajasthan	01-04-2018	1169	3030	2151	6349
	01-04-2019	1169	3030	2151	6349
	01-04-2020	1169	3030	2151	6349
Tamilnadu	01-04-2018	4094	22648	9393	36135
	01-04-2019	4340	22497	9393	36230
	01-04-2020	4340	22497	9653	36490
West Bengal	01-04-2018	0	1	3	4
	01-04-2019	0	1	3	4
	01-04-2020	0	1	3	4
All India	01-04-2018	6541	26389	12734	45664
	01-04-2019	6788	26237	12734	45759
	01-04-2020	6788	26237	12994	46019

Note: Figures compiled by Neyveli Lignite Corporation Ltd.

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)
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
2019-20	730.873	0.30	42.103	-4.92	772.976	0.00

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)
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
2019-20	35.452	1.05	52.937	28.70	677.936	-1.40	730.873	0.30

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)
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	0.0	14.182	2.3
2019-20	5.289	-5.0	18.981	-2.0	3.547	1.3	0.084	-	14.844	4.7

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 2019-20

(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)
2019-20												
Apr-19	3.730	29.6	7.0	51.693	1.8	7.6	55.423	3.3	7.6	2.717	44.7	6.5
May-19	3.789	12.2	7.2	53.917	1.1	8.0	57.706	1.8	7.9	3.553	21.3	8.4
Jun-19	4.291	45.8	8.1	51.466	-0.1	7.6	55.757	2.4	7.6	3.487	-28.4	8.3
1st Quarter	11.810	28.4	22.3	157.076	0.9	23.2	168.886	2.5	23.1	9.757	0.8	23.2
Jul-19	3.700	17.1	7.0	44.404	-3.0	6.5	48.104	-1.7	6.6	2.946	-12.6	7.0
Aug-19	3.665	6.9	6.9	39.058	-10.1	5.8	42.723	-8.9	5.8	2.941	8.1	7.0
Sep-19	3.355	-2.2	6.3	36.154	-21.8	5.3	39.509	-20.5	5.4	2.855	-12.6	6.8
2nd Quarter	10.720	7.0	20.3	119.616	-11.7	17.6	130.336	-10.4	17.8	8.742	-6.6	20.8
Oct-19	3.398	6.8	6.4	46.437	-18.6	6.8	49.835	-17.3	6.8	3.133	-3.6	7.4
Nov-19	4.412	46.5	8.3	57.091	-4.4	8.4	61.503	-1.9	8.4	3.209	-5.8	7.6
Dec-19	4.791	36.3	9.1	65.316	5.8	9.6	70.107	7.4	9.6	3.978	-8.8	9.4
3rd Quarter	12.601	29.8	23.8	168.845	-5.4	24.9	181.446	-3.6	24.8	10.320	-6.3	24.5
Jan-20	5.200	37.0	9.8	70.006	7.5	10.3	75.206	9.1	10.3	4.459	-3.7	10.6
Feb-20	5.625	53.9	10.6	72.540	9.9	10.7	78.165	12.2	10.7	4.697	2.1	11.2
Mar-20	6.981	46.9	13.2	89.855	3.4	13.3	96.836	5.7	13.2	4.146	-17.1	9.8
4th Quarter	17.806	45.9	33.6	232.400	6.6	34.3	250.206	8.7	34.2	13.302	-6.5	31.6
2019-20	52.937	28.7	100.0	677.936	-1.4	100.0	730.873	0.3	100.0	42.121	-4.9	100.0

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

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

TABLE 2.5: MONTHLY PRODUCTION OF DIFFERENT TYPES OF COAL PRODUCTS IN 2019-20

(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)
2019-20															
Apr-19	0.502	3.5	9.5	1.218	-18.2	6.4	0.346	13.4	9.8	0.015	-	-	1.267	6.4	8.5
May-19	0.511	15.3	9.7	1.462	-5.8	7.7	0.399	53.5	11.2	0.011	-	-	1.306	10.0	8.8
Jun-19	0.510	22.0	9.6	1.628	31.6	8.6	0.372	34.8	10.5	0.014	-	-	1.258	10.4	8.5
1st Quarter	1.523	13.2	28.8	4.308	0.7	22.7	1.117	32.8	31.5	0.040	-	-	3.831	8.9	25.8
Jul-19	0.447	10.1	8.5	1.309	12.7	6.9	0.363	61.3	10.2	0.012	-	-	1.306	18.6	8.8
Aug-19	0.461	11.9	8.7	1.194	-18.3	6.3	0.313	5.0	8.8	0.006	-	-	1.299	6.0	8.8
Sep-19	0.400	4.4	7.6	1.112	-18.7	5.9	0.220	-11.6	6.2	0.009	-	-	1.218	5.2	8.2
2nd Quarter	1.308	8.9	24.7	3.615	-9.4	19.0	0.896	16.1	25.3	0.027	-	-	3.823	9.7	25.8
Oct-19	0.387	-14.9	7.3	1.691	0.2	8.9	0.223	-26.2	6.3	0.006	-	-	1.223	0.7	8.2
Nov-19	0.403	-10.6	7.6	1.661	5.0	8.8	0.241	-19.9	6.8	0.006	-	-	1.235	2.7	8.3
Dec-19	0.402	-20.6	7.6	1.858	3.5	9.8	0.255	-15.3	7.2	0.000	-	-	1.136	-0.6	7.7
3rd Quarter	1.192	-15.6	22.5	5.210	2.9	27.4	0.719	-20.5	20.3	0.012	-	-	3.594	1.0	24.2
Jan-20	0.445	-15.4	8.4	1.894	-3.5	10.0	0.296	-7.5	8.3	0.001	-	-	1.228	-1.0	8.3
Feb-20	0.424	-19.5	8.0	2.066	7.4	10.9	0.284	-12.3	8.0	0.004	-	-	1.104	3.8	7.4
Mar-20	0.397	-28.9	7.5	1.888	-11.9	9.9	0.235	-31.1	6.6	0.000	-	-	1.264	-4.0	8.5
4th Quarter	1.266	-21.4	23.9	5.848	-3.0	30.8	0.815	-17.3	23.0	0.005	-	-	3.596	-0.7	24.2
2019-20	5.289	-5.0	100.0	18.981	-2.0	100.0	3.547	1.3	100.0	0.084	-	-	14.844	4.7	100.0

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)
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
2019-20	0	-	-	0.517	0.1	-34.1	157.744	21.6	-2.6

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)
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
2019-20	0.014	0.0	7.7	131.763	18.0	-2.2	125.726	17.2	6.0

Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
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
2019-20	54.746	7.5	9.9	0.000	0.0	0.0	143.016	19.6	-0.9

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)
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
2019-20	65.703	9.0	0.8	18.030	2.5	-11.1	33.614	4.6	1.4

Year	ALL INDIA	
	Quantity	Growth (%)
(41)	(42)	(43)
2010-11	532.694	0.1
2011-12	539.950	1.4
2012-13	556.402	3.0
2013-14	565.765	1.7
2014-15	609.179	7.7
2015-16	639.230	4.9
2016-17	657.868	2.9
2017-18	675.400	2.7
2018-19	728.718	7.9
2019-20	730.873	0.3

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)
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
2018-19	23.520	55.9	2.1	10.360	24.6	-17.5	8.223	19.5	-5.2

Year	ALL INDIA	
	Quantity	Growth (%)
(11)	(12)	(13)
2010-11	37.733	10.7
2011-12	42.332	12.2
2012-13	46.453	9.7
2013-14	44.271	-4.7
2014-15	48.270	9.0
2015-16	43.842	-9.2
2016-17	45.230	3.2
2017-18	46.644	3.1
2018-19	44.283	-5.1
2019-20	42.103	-4.9

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

(Quantity in Million Tonnes)

State	2015-16	2016-17	2017-18	2018-19	2019-20
(1)	(2)	(3)	(4)	(5)	(6)
COKING					
Chhattisgarh	0.135	0.110	0.182	0.247	0.250
Jharkhand	58.548	59.604	38.768	39.641	52.364
Madhya Pradesh	0.209	0.131	0.180	0.188	0.178
West Bengal	1.995	1.816	1.018	1.056	0.145
Total Coking	60.887	61.661	40.148	41.132	52.937
NON-COKING					
Assam	0.487	0.600	0.781	0.784	0.517
Chhattisgarh	130.470	138.415	142.364	161.646	157.494
Jammu & Kashmir	0.013	0.010	0.014	0.013	0.014
Jharkhand	62.519	66.831	84.529	95.025	79.399
Madhya Pradesh	107.505	104.882	111.947	118.473	125.548
Maharashtra	38.351	40.559	42.219	49.818	54.746
Meghalaya	3.712	2.308	1.529	0.000	0.000
Odisha	138.461	139.359	143.328	144.312	143.016
Telangana	60.380	61.336	62.010	65.160	65.703
Uttar Pradesh	12.689	16.056	18.309	20.275	18.030
West Bengal	23.756	25.851	28.222	32.080	33.469
Total Non-Coking	578.343	596.207	635.252	687.586	677.936
Total Coal	639.230	657.868	675.400	728.718	730.873

TABLE 2.9 : STATEWISE PRODUCTION OF LIGNITE IN LAST FIVE YEARS

(Quantity in Million Tonnes)

State	2015-16	2016-17	2017-18	2018-19	2018-19
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	10.123	10.546	13.781	12.566	10.360
Rajasthan	9.492	8.480	9.294	8.676	8.223
Tamilnadu	24.227	26.204	23.569	23.041	23.520
TOTAL	43.842	45.230	46.644	44.283	42.103

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

[Quantity in Million Tonnes]

Company	2017-18			2018-19			2019-20		
	Coking	Non-coking	Total	Coking	Non-coking	Total	Coking	Non-coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.034	43.534	43.568	0.029	50.131	50.160	0.026	50.375	50.401
BCCL	23.304	9.303	32.607	24.339	6.700	31.039	25.946	1.783	27.729
CCL	9.577	53.828	63.405	9.340	59.381	68.721	20.027	46.862	66.889
NCL		93.018	93.018		101.503	101.503	0.000	108.053	108.053
WCL	0.180	46.040	46.220	0.188	52.992	53.180	0.178	57.458	57.636
SECL	0.182	139.973	140.155	0.247	152.150	152.397	0.250	146.875	147.125
SECL(GP-IV/2&3)		3.227	3.227		3.271	3.271		2.659	2.659
SECL(GP-IV/1)		1.327	1.327		1.681	1.681		0.762	0.762
MCL		143.058	143.058		144.151	144.151		140.358	140.358
NEC		0.781	0.781		0.784	0.784		0.517	0.517
CIL	33.277	534.089	567.366	34.143	572.744	606.887	46.427	555.702	602.129
SCCL		62.010	62.010		64.401	64.401		64.044	64.044
JKML		0.014	0.014		0.013	0.013		0.014	0.014
DVC	0.047		0.047	0.000	0.000	0.000		0.000	0.000
IISCO	0.415	0.378	0.793	0.443	0.300	0.743	0.300	0.234	0.534
SAIL	0.185	0.000	0.185		0.000	0.000		0.000	0.000
JSMDCL		0.351	0.351		0.228	0.228		0.068	0.068
RRVUNL		8.329	8.329		15.000	15.000		15.000	15.000
NTPC		2.679	2.679		7.311	7.311		11.151	11.151
WBPDCL					0.400	0.400		2.112	2.112
CSPGCL								0.509	0.509
Total Public	33.924	607.850	641.774	34.586	660.397	694.983	46.727	648.834	695.561
TSL	6.224	0.000	6.224	6.546	0.000	6.546	6.210	0.000	6.210
Meghalaya		1.529	1.529		0.000	0.000		0.000	0.000
BALCO		0.000	0.000		0.667	0.667		1.000	1.000
CESC		1.878	1.878		1.856	1.856		1.958	1.958
GMR		0.270	0.270		0.000	0.000		0.000	0.000
HIL		2.414	2.414		2.173	2.173		0.729	0.729
JPVL		2.800	2.800		2.800	2.800		2.800	2.800
SIL		0.270	0.270		0.270	0.270		0.270	0.270
SPL		18.003	18.003		18.000	18.000		18.700	18.700
RCCPL		0.063	0.063		0.103	0.103		0.182	0.182
TUML		0.175	0.175		0.300	0.300		0.286	0.286
OCL					0.161	0.161		0.115	0.115
AMBUJA					0.100	0.100		0.400	0.400
TSPGCL					0.759	0.759		1.659	1.659
OCPL								1.003	1.003
Total Private	6.224	27.402	33.626	6.546	27.189	33.735	6.210	29.102	35.312
ALL INDIA	40.148	635.252	675.400	41.132	687.586	728.718	52.937	677.936	730.873
LIGNITE									
NLC			25.153			24.250			24.868
GMDCL			10.601			9.160			6.957
GIPCL			3.123			3.313			3.342
RSMML			1.019			1.317			0.790
GHCL			0.057			0.093			0.061
VSLPPL			0.426			0.305			0.672
BLMCL			6.265			5.845			5.413
ALL INDIA			46.644			44.283			42.103
COAL & LIGNITE			722.044			773.001			772.976

TABLE 2.11: STATEWISE AND COMPANYWISE PRODUCTION OF RAW COAL BY TYPES IN LAST THREE YEARS

[Quantity in Million Tonnes]

States (1)	Coal Company (2)	2017-2018			2018-2019			2019-2020		
		Coking (3)	N-Coking (4)	Total (5)	Coking (6)	N-Coking (7)	Total (8)	Coking (9)	N-Coking (10)	Total (11)
Assam	NEC		0.781	0.781		0.784	0.784		0.517	0.517
Chhattisgarh	SECL	0.182	127.867	128.049	0.247	139.552	139.799	0.250	136.300	136.550
Chhattisgarh	SECL(GP-IV/2&3)		3.227	3.227		3.271	3.271		2.659	2.659
Chhattisgarh	SECL(GP-IV/1)		1.327	1.327		1.681	1.681		0.762	0.762
Chhattisgarh	RRVUNL		8.329	8.329		15.000	15.000		15.000	15.000
Chhattisgarh	NTPC_T								0.190	0.190
Chhattisgarh	HIL (GP-IV/4)		0.939	0.939		0.838	0.838		0.548	0.548
Chhattisgarh	HIL (GP-IV/5)		0.675	0.675		0.537	0.537		0.126	0.126
Chhattisgarh	AMBUJA					0.100	0.100		0.400	0.400
Chhattisgarh	BALCO		0.000	0.000		0.667	0.667		1.000	1.000
Chhattisgarh	CSPGCL								0.509	0.509
Chhattisgarh	TOTAL	0.182	142.364	142.546	0.247	161.646	161.893	0.250	157.494	157.744
Jammu & Kashmir	JKML		0.014	0.014		0.013	0.013		0.014	0.014
Jharkhand	ECL	0.034	17.930	17.964	0.029	20.736	20.765	0.026	21.210	21.236
Jharkhand	BCCL	22.286	8.940	31.226	23.283	6.568	29.851	25.801	1.783	27.584
Jharkhand	CCL	9.577	53.828	63.405	9.340	59.381	68.721	20.027	46.862	66.889
Jharkhand	JSMDC		0.351	0.351		0.228	0.228		0.068	0.068
Jharkhand	DVC	0.047		0.047	0.000		0.000			0.000
Jharkhand	IISCOCJ	0.415	0.001	0.416	0.443	0.003	0.446	0.300		0.300
Jharkhand	SAIL	0.185		0.185	0.000		0.000			0.000
Jharkhand	NTPC_PB		2.679	2.679		7.311	7.311		9.421	9.421
Jharkhand	TSL	6.224		6.224	6.546		6.546	6.210		6.210
Jharkhand	HIL_KOC		0.800	0.800		0.798	0.798		0.055	0.055
Jharkhand	TOTAL	38.768	84.529	123.297	39.641	95.025	134.666	52.364	79.399	131.763
Madhya Pradesh	NCL		74.709	74.709		81.228	81.228		90.023	90.023
Madhya Pradesh	WCL	0.180	4.266	4.446	0.188	3.744	3.932	0.178	3.268	3.446
Madhya Pradesh	SECL		12.106	12.106		12.598	12.598		10.575	10.575
Madhya Pradesh	SPL		18.003	18.003		18.000	18.000		18.700	18.700
Madhya Pradesh	JPVL		2.800	2.800		2.800	2.800		2.800	2.800
Madhya Pradesh	RCCPL		0.063	0.063		0.103	0.103		0.182	0.182
Madhya Pradesh	TOTAL	0.180	111.947	112.127	0.188	118.473	118.661	0.178	125.548	125.726
Maharashtra	WCL		41.774	41.774		49.248	49.248		54.190	54.190
Maharashtra	SIL		0.270	0.270		0.270	0.270		0.270	0.270
Maharashtra	TUML		0.175	0.175		0.300	0.300		0.286	0.286
Maharashtra	TOTAL		42.219	42.219		49.818	49.818		54.746	54.746
Meghalaya	MEG		1.529	1.529		0.000	0.000		0.000	0.000
Odisha	MCL		143.058	143.058		144.151	144.151		140.358	140.358
Odisha	NTPC_Dulanga								1.540	1.540
Odisha	GMR		0.270	0.270		0.000	0.000		0.000	0.000
Odisha	OCL					0.161	0.161		0.115	0.115
Odisha	OCPL								1.003	1.003
Odisha	TOTAL		143.328	143.328		144.312	144.312		143.016	143.016
Telangana	SCCL		62.010	62.010		64.401	64.401		64.044	64.044
Telangana	TSPGCL					0.759	0.759		1.659	1.659
Telangana	TOTAL	0.000	62.010	62.010		65.160	65.160		65.703	65.703
Uttar Pradesh	NCL		18.309	18.309		20.275	20.275		18.030	18.030
West Bengal	ECL		25.604	25.604		29.395	29.395		29.165	29.165
West Bengal	BCCL	1.018	0.363	1.381	1.056	0.132	1.188	0.145		0.145
West Bengal	IISCOR		0.377	0.377		0.297	0.297		0.234	0.234
West Bengal	WBPDC_B					0.400	0.400		0.500	0.500
West Bengal	WBPDC_BN								0.606	0.606
West Bengal	WBPDC_PN								1.006	1.006
West Bengal	CESC		1.878	1.878		1.856	1.856		1.958	1.958
West Bengal	TOTAL	1.018	28.222	29.240	1.056	32.080	33.136	0.145	33.469	33.614
Total Public		33.924	607.850	641.774	34.586	660.397	694.983	46.727	648.834	695.561
Total Private	TOTAL	6.224	27.402	33.626	6.546	26.361	32.907	6.210	29.102	35.312
All India		40.148	635.252	675.400	41.132	686.758	727.890	52.937	677.936	730.873

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

(Quantity in Million Tonnes)

Block	Company	State	2017-18			2018-19			2019-20		
			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		3.227	3.227		3.271	3.271		2.659	2.659
Gare Palma IV/1	SECL	Chhattisgarh		1.327	1.327		1.681	1.681		0.762	0.762
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		8.329	8.329		15.000	15.000		15.000	15.000
Pakri Barwadih	NTPC	Jharkhand		2.679	2.679		6.810	6.810		9.421	9.421
Dulanga	NTPC	Odisha					0.501	0.501		1.540	1.540
Tallipalli	NTPC	Chhattisgarh								0.190	0.190
Tasra	SAIL	Jharkhand	0.185		0.185			0.000			0.000
Barjora	WBPDCCL	West Bengal					0.400	0.400		0.500	0.500
Barjora North	WBPDCCL	West Bengal								0.606	0.606
Pachwara North	WBPDCCL	West Bengal								1.006	1.006
Gare Palma Sector-III	CSPGCL	Chhattisgarh								0.509	0.509
Total Public			0.185	15.562	15.747	0.000	27.663	27.663	0.000	32.193	32.193
Gare Palma IV/4	HIL	Chhattisgarh		0.939	0.939		0.838	0.838		0.548	0.548
Gare Palma IV/5	HIL	Chhattisgarh		0.675	0.675		0.537	0.537		0.126	0.126
Kauthatia	HIL	Jharkhand		0.800	0.800		0.798	0.798		0.055	0.055
Amelia North	JPVL	Madhya Pradesh		2.800	2.800		2.800	2.800		2.800	2.800
Belgaon	SIL	Maharashtra		0.270	0.270		0.270	0.270		0.270	0.270
Chotia II	BALCO	Chhattisgarh		0.000	0.000		0.667	0.667		1.000	1.000
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		18.003	18.003		18.000	18.000		18.700	18.700
Sarshatali	CESC	West Bengal		1.878	1.878		1.856	1.856		1.958	1.958
Talabira I	GMR	Odisha		0.270	0.270		0.000	0.000		0.000	0.000
Sial Ghogri	RCCPL	Madhya Pradesh		0.063	0.063		0.103	0.103		0.182	0.182
Marki Mangli I	TUML	Maharashtra		0.175	0.175		0.300	0.300		0.286	0.286
Ardhagram	OCL	Odisha					0.161	0.161		0.115	0.115
Gare Palma IV/8	AMBUJA	Chhattisgarh					0.100	0.100		0.400	0.400
Tadicherla	TSPGCL	Telangana					0.759	0.759		1.659	1.659
Manoharpur	OCPL	Odisha								1.003	1.003
Total Private			0.000	25.873	25.873	0.000	27.189	27.189	0.000	29.102	29.102
Grand Total			0.185	41.435	41.620	0.000	54.852	54.852	0.000	61.295	61.295

TABLE 2.13: GRADEWISE RAW COAL PRODUCTION OF COKING COAL BY COMPANIES IN 2019-20

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE														Total Coking
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	SLV1	Washery Feed	Met Coal	Non Met		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
ECL						0.026							0.026	0.026	
BCCL	0.018	0.132		0.031	1.490	5.290	17.591	1.352	0.042			25.946	0.000	25.946	
CCL					0.371	1.087	8.928	9.634	0.007			2.818	17.209	20.027	
NCL													0.000	0.000	
WCL							0.178					0.178	0.000	0.178	
SECL			0.250										0.250	0.250	
SECL(GP-IV/2&3)													0.000	0.000	
SECL(GP-IV/1)													0.000	0.000	
MCL													0.000	0.000	
NEC													0.000	0.000	
CIL	0.018	0.132	0.250	0.031	1.861	6.403	26.697	10.986	0.049	0.000	0.000	28.942	17.485	46.427	
SCCL													0.000	0.000	
JKML													0.000	0.000	
DVC													0.000	0.000	
IISCO						0.070	0.230					0.300	0.000	0.300	
SAIL													0.000	0.000	
JSMDCL													0.000	0.000	
RRVUNL													0.000	0.000	
NTPC													0.000	0.000	
WBPDCCL													0.000	0.000	
CSPGCL													0.000	0.000	
Total Public	0.018	0.132	0.250	0.031	1.861	6.473	26.927	10.986	0.049	0.000	0.000	29.242	17.485	46.727	
TSL				0.104	0.441	0.888	4.777					6.210	0.000	6.210	
CESC													0.000	0.000	
HIL													0.000	0.000	
SPL													0.000	0.000	
GMR													0.000	0.000	
BALCO													0.000	0.000	
SIL													0.000	0.000	
JPVL													0.000	0.000	
RCCPL													0.000	0.000	
TUML													0.000	0.000	
OCL													0.000	0.000	
AMBUJA													0.000	0.000	
TSPGCL													0.000	0.000	
OCPL													0.000	0.000	
Total Private	0.000	0.000	0.000	0.104	0.441	0.888	4.777	0.000	0.000	0.000	0.000	6.210	0.000	6.210	
ALL INDIA	0.018	0.132	0.250	0.135	2.302	7.361	31.704	10.986	0.049	0.000	0.000	35.452	17.485	52.937	

TABLE 2.14: GRADEWISE RAW COAL PRODUCTION OF NON COKING COAL BY COMPANIES IN 2019-20

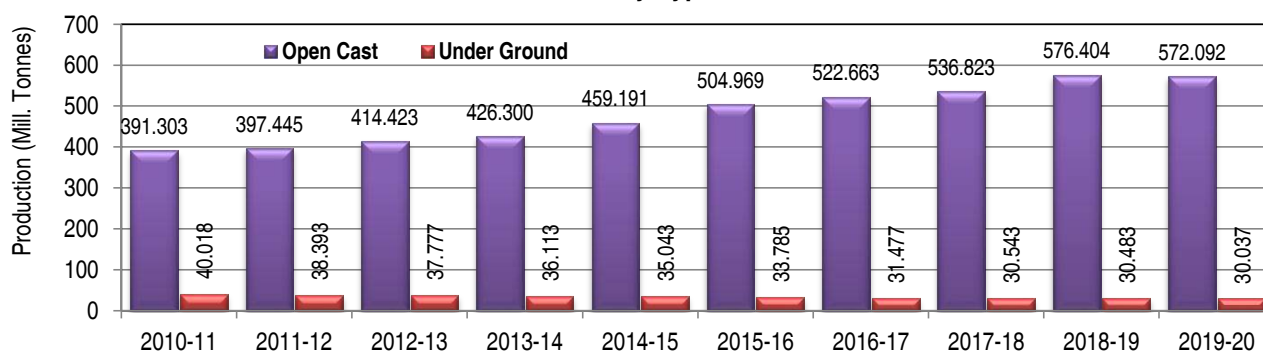
(Quantity in Million Tonnes)

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			1.641	14.305	10.226	1.236	4.081	1.512		0.130											50.375	50.401
BCCL					0.038	0.364	0.479	0.875	0.007	0.020											1.783	27.729
CCL					0.476	0.461	1.014	4.279	9.205	4.604	13.810	8.498	4.515								46.862	66.889
NCL							25.140	24.198	1.766	35.995	15.037	5.917									108.053	108.053
WCL					0.148	0.337	1.917	7.211	18.254	17.888	6.956	4.747									57.458	57.636
SECL			1.590	0.153	3.091	2.105	4.491	4.660	4.022	2.931	110.884	1.150	5.453	1.559	4.786						146.875	147.125
SECL(GP-IV/2&3)												0.174	0.466	2.019						2.659	2.659	
SECL(GP-1)															0.014	0.748				0.762	0.762	
MCL							0.085	0.030				44.234	35.665	52.602	7.742					140.358	140.358	
NEC	0.021	0.288		0.014	0.194															0.517	0.517	
CIL	0.021	0.288	3.231	14.472	13.831	4.508	35.542	37.526	22.241	61.934	157.619	66.929	67.624	54.627	12.542	2.019	0.748	0.000	0.000	555.702	602.129	
SCCL					0.682	0.042	3.560	4.923	6.206	6.514	11.732	3.582	16.722	3.165	5.057	1.550	0.134	0.175			64.044	64.044
JKML																	0.014			0.014	0.014	
DVC																				0.000	0.000	
IISCO					0.120	0.114														0.234	0.534	
SAIL																				0.000	0.000	
JSMDC												0.068								0.068	0.068	
RRVUNL											10.153				0.461	4.386				15.000	15.000	
NTPC								9.421		0.190	1.540									11.151	11.151	
WBPDC							1.506				0.081	0.525								2.112	2.112	
CSPGCL											0.170	0.170	0.169							0.509	0.509	
Total Public	0.021	0.288	3.231	14.472	14.633	4.550	40.722	42.449	37.868	68.448	179.694	70.830	86.581	57.961	17.599	4.030	5.268	0.189	0.000	648.834	695.561	
TSL																				0.000	6.210	
CESC											1.958									1.958	1.958	
HIL							0.109	0.319		0.008	0.022	0.271								0.729	0.729	
SPL										9.433	9.267									18.700	18.700	
GMR																				0.000	0.000	
BALCO								0.667			0.067	0.266								1.000	1.000	
SIL								0.270												0.270	0.270	
JPVL											2.800									2.800	2.800	
RCCPL								0.182												0.182	0.182	
TUML												0.286								0.286	0.286	
OCL							0.115													0.115	0.115	
AMBUJA										0.400										0.400	0.400	
TSPGCL								1.659												1.659	1.659	
OCPL														1.003						1.003	1.003	
Total Private	0.000	0.000	0.000	0.000	0.000	0.000	0.224	3.097	0.000	9.841	14.114	0.823	0.000	1.003	0.000	0.000	0.000	0.000	0.000	29.102	35.312	
ALL INDIA	0.021	0.288	3.231	14.472	14.633	4.550	40.946	45.546	37.868	78.289	193.808	71.653	86.581	58.964	17.599	4.030	5.268	0.189	0.000	677.936	730.873	

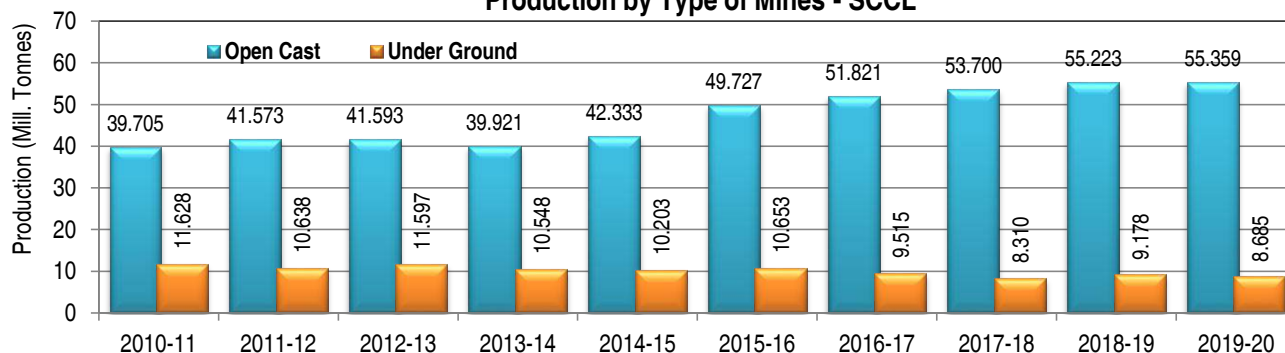
TABLE 2.15: TRENDS OF PRODUCTION OF RAW COAL FROM OPENCAST AND UNDERGROUND MINES IN LAST TEN YEARS
(Quantity in Million Tonnes)

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)
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	576.404	55.223	686.214	94.17	8.31	30.483	9.178	42.504	5.83	1.61	728.718	7.89
2019-20	572.092	55.359	690.207	94.44	0.58	30.037	8.685	40.666	5.56	-4.32	730.873	0.30

Production by Type of Mines - CIL



Production by Type of Mines - SCCL



Percentage Distribution of Production by Type of Mines - INDIA

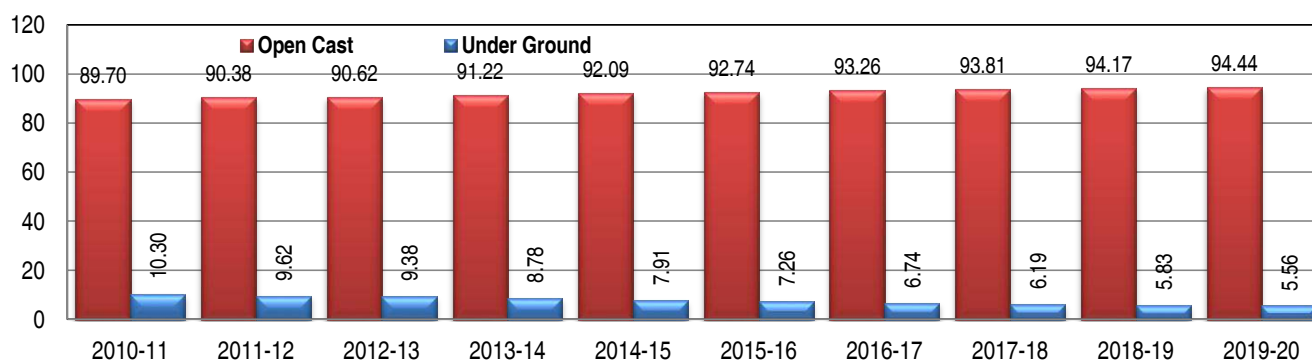


TABLE 2.16 : COMPANY WISE PRODUCTION OF RAW COAL FROM OPENCAST AND UNDER GROUND MINES IN TWO YEARS

(Quantity in Million Tonnes)

COMPANIES	Y E A R 2018 - 2019						Y E A R 2019 - 2020					
	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	41.099	5.99	17.54	9.061	21.32	5.32	41.195	5.97	0.23	9.206	22.64	1.60
BCCL	30.139	4.39	-4.41	0.900	2.12	-16.36	26.687	3.87	-11.45	1.042	2.56	15.78
CCL	68.408	9.96	8.58	0.313	0.74	-22.72	66.186	9.59	-3.25	0.703	1.73	124.60
NCL	101.503	14.78	9.12				108.053	15.66	6.45	0.000	0.00	
WCL	48.615	7.08	17.81	4.565	10.74	-7.85	53.476	7.75	10.00	4.160	10.23	-8.87
SECL	137.624	20.04	9.49	14.773	34.76	2.16	133.035	19.27	-3.33	14.090	34.65	-4.62
SECL(GP-IV/2&3)	3.271	0.48	1.36				2.659	0.39	-18.71	0.000	0.00	
SECL(GP-IV/1)	1.681	0.24	26.68				0.762	0.11	-54.67	0.000	0.00	
MCL	143.280	20.87	0.89	0.871	2.05	-16.33	139.522	20.21	-2.62	0.836	2.06	-4.02
NEC	0.784	0.11	0.77				0.517	0.07	-34.06	0.000	0.00	
CIL	576.404	83.95	7.37	30.483	71.72	-0.20	572.092	83.32	-0.75	30.037	70.67	-1.46
SCCL	55.223	8.04	2.84	9.178	21.59	10.45	55.359	8.02	0.25	8.685	21.36	-5.37
JKML				0.013	0.03	0.00				0.014	0.03	0.00
DVC											0.00	
IISCO	0.504	0.07	-10.95	0.239	0.56	5.29	0.294	0.04	-41.67	0.240	0.59	0.42
JSMDC	0.228	0.03	-35.04				0.068	0.01	-70.18		0.00	
RRVUNL	15.000	2.18	80.09				15.000	2.17	0.00		0.00	
SAIL											0.00	
NTPC	7.311	1.06	172.90				11.151	1.62	52.52		0.00	
WBPDC	0.400	0.06	100.00				2.112	0.31	428.00		0.00	
CSPGCL	0.400	0.06	100.00				0.509	0.07	27.25		0.00	
PUBLIC	655.470	95.46	8.76	39.913	93.90	2.09	656.585	95.63	0.17	38.976	91.70	-2.35
TSL	5.303	0.77	5.09	1.243	2.92	5.52	5.128	0.74	-3.30	1.082	2.66	-12.95
Meghalaya											0.00	
BALCO	0.667	0.10	100.00				1.000	0.14	49.93		0.00	
CESC	1.856	0.27	-1.17				1.958	0.28	5.50		0.00	
GMR	0.000	0.00	-100.00								0.00	
HIL	1.198	0.17	0.84	0.975	2.29	-20.47	0.573	0.08	-52.17	0.156	0.38	-84.00
JPVL	2.800	0.41	0.00				2.800	0.41	0.00		0.00	
SIL				0.270	0.64	0.00				0.270	0.66	0.00
SPL	18.000	2.62	-0.02				18.700	2.71	3.89		0.00	
RCCPL				0.103	0.24	63.49				0.182	0.45	76.70
TUML	0.300	0.04	71.43				0.286	0.04	-4.67		0.00	
OCL	0.161	0.02	100.00				0.115	0.02	-28.57		0.00	
AMBUJA	0.100	0.01	100.00				0.400	0.06	300.00		0.00	
TSPGCL	0.759	0.11	100.00				1.659	0.24	118.58		0.00	
OCPL							1.003	0.15	0.00		0.00	
PRIVATE	31.144	4.54	0.83	2.591	6.10	-5.33	33.622	4.87	7.96	1.690	3.98	-34.77
All India	686.614	100.00	8.37	42.504	100.00	1.61	690.207	100.00	0.52	40.666	95.68	-4.32

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)
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	15.21	16.95	0.95	1.39	8.67	6.22
2019-20	14.45	16.57	0.91	1.44	8.29	4.89

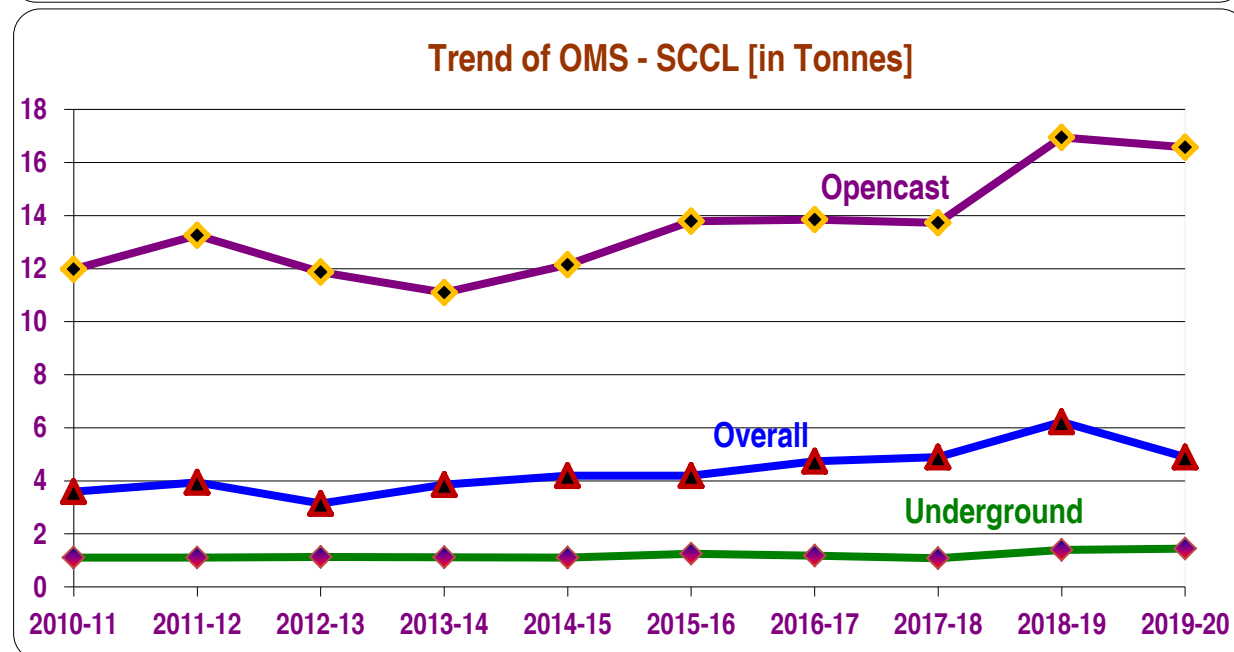
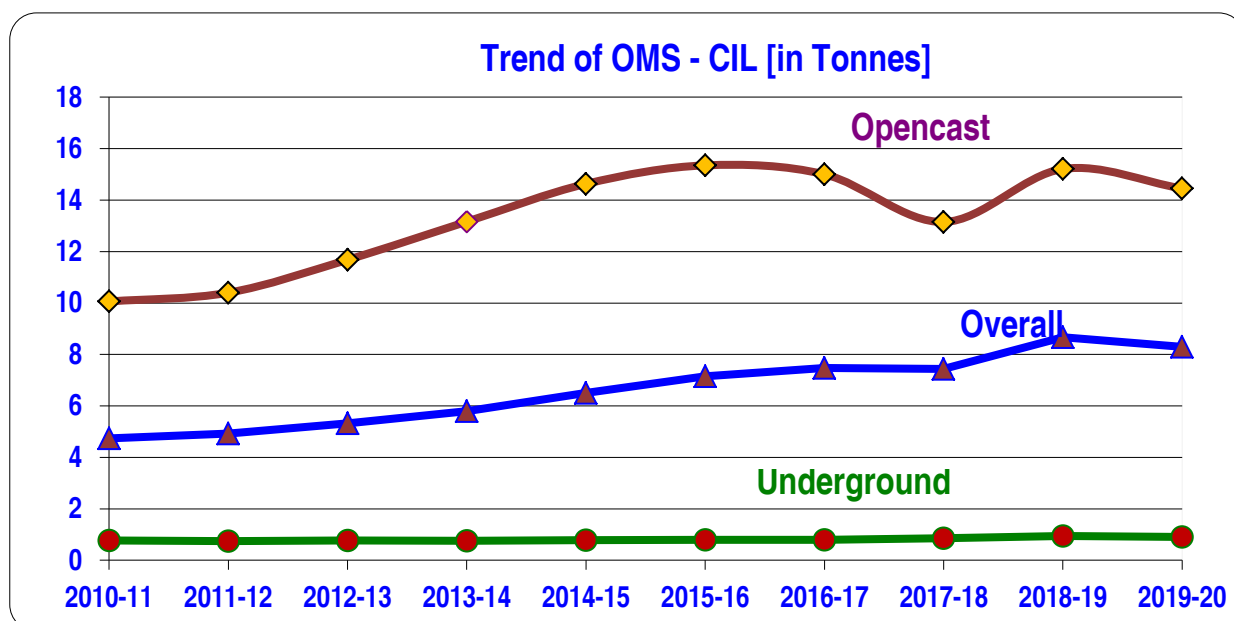


TABLE 2.18 : COMPANY WISE PRODUCTION, MANSHIFTS & OMS (CIL & SCCL) BY TYPE OF MINES DURING LAST THREE YEARS

Companies	Type of Mines	2017-2018			2018-2019			2019-2020		
		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)	(6)	(7)	(8)	(9)	(10)	(11)
ECL	OC	34.965	2.415	14.48	41.099	2.415	17.02	41.195	2.374	17.00
BCCL	OC	31.531	4.835	6.48	30.139	4.978	6.05	26.687	3.953	6.75
CCL	OC	63.000	6.722	9.37	68.406	7.023	9.74	66.186	6.580	10.00
NCL	OC	93.018	6.889	0.00	101.503	4.171	24.34	108.053	4.496	24.03
WCL	OC	41.266	11.289	3.62	48.615	11.027	4.40	53.476	12.825	4.14
SECL	OC	125.694	3.962	31.72	137.624	4.461	30.85	133.035	4.454	29.87
SECL(GP-IV/2&3)	OC	3.227	0.034	95.39	3.271	0.037	88.41	2.659	0.039	68.18
SECL(GP-IV/1)	OC	1.327	0.020	66.63	1.681	0.023	73.09	0.762	0.024	31.75
MCL	OC	142.017	4.505	31.52	143.280	3.630	28.75	139.522	4.716	23.82
NEC	OC	0.778	0.149	5.21	0.784	0.134	5.84	0.517	0.121	4.26
CIL	OC	536.823	40.820	13.15	576.402	37.899	15.21	572.092	39.582	14.45
SCCL	OC	53.700	2.951	13.73	55.223	2.917	16.95	55.359	2.813	16.57
ECL	UG	8.603	12.019	0.72	9.061	11.597	0.78	9.206	11.169	1.00
BCCL	UG	1.076	5.339	0.20	0.900	4.549	0.20	1.042	4.402	0.24
CCL	UG	0.405	2.091	0.19	0.315	1.469	0.21	0.703	1.300	1.00
NCL	UG							0.000	0.000	0.00
WCL	UG	4.954	5.344	0.93	4.565	4.697	0.97	4.160	4.213	0.99
SECL	UG	14.461	9.162	1.58	14.773	8.586	1.82	14.090	8.288	1.70
SECL(GP-IV/2&3)	UG								0.000	0.00
SECL(GP-IV/1)	UG								0.000	0.00
MCL	UG	1.041	1.402	0.74	0.871	1.086	0.82	0.836	3.630	0.82
NEC	UG	0.003	0.124	0.02					0.076	0.00
CIL	UG	30.543	35.481	0.86	30.485	31.984	0.95	30.037	33.078	0.91
SCCL	UG	8.310	7.546	1.08	9.178	6.547	1.40	0.000	5.970	1.44
ECL	ALL	43.568	14.434	2.67	50.160	14.012	3.58	50.401	13.543	4.00
BCCL	ALL	32.607	10.174	3.60	31.039	9.527	6.25	27.729	8.355	6.99
CCL	ALL	63.405	8.813	7.23	68.721	8.492	8.09	66.889	7.880	8.09
NCL	ALL	93.018	6.889	20.18	101.503	4.171	24.34	108.053	4.496	24.03
WCL	ALL	46.220	16.633	3.50	53.180	15.724	3.37	57.636	17.038	3.37
SECL	ALL	140.155	13.124	9.29	152.397	13.047	11.68	147.125	12.742	11.68
SECL(GP-IV/2&3)	ALL	3.227	0.034	188.48	3.271	0.037	88.41	2.659	0.039	68.18
SECL(GP-IV/1)	ALL	1.327	0.020	80.86	1.681	0.023	73.09	0.762	0.024	31.75
MCL	ALL	143.058	5.907	20.08	144.151	4.716	23.82	140.358	8.346	23.82
NEC	ALL	0.781	0.273	1.92	0.784	0.134	3.37	0.517	0.197	3.37
CIL	ALL	567.366	76.301	7.44	606.887	69.883	8.67	602.129	72.660	8.29
SCCL	ALL	62.010	10.497	4.89	64.401	9.464	6.22	55.359	8.783	4.89

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	2017 - 2018			2018 - 2019			2019 - 2020		
	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	118.895	34.965	3.40	126.056	41.099	3.07	140.455	41.195	3.41
BCCL	110.466	31.531	3.50	103.245	30.139	3.43	82.646	26.687	3.10
CCL	95.622	63.000	1.52	100.490	68.408	1.47	103.356	66.186	1.56
NCL	316.795	93.018	3.41	318.225	101.503	3.14	323.234	108.053	2.99
WCL	185.287	41.266	4.49	192.026	48.615	3.95	210.655	53.476	3.94
SECL	203.898	125.694	1.62	181.546	137.624	1.32	162.008	133.035	1.22
SECL(GP-IV/2&3)	0.634	3.227	0.20	1.063	3.271	0.32	2.372	2.659	0.89
SECL(GP-IV/1)	0.486	1.327	0.37	0.833	1.681	0.50	0.357	0.762	0.47
MCL	138.179	142.017	0.97	130.002	143.280	0.91	124.514	139.522	0.89
NEC	7.853	0.778	10.09	8.500	0.784	10.84	4.730	0.517	9.15
CIL	1178.115	536.823	2.19	1161.986	576.404	2.19	1154.327	572.092	2.02
SCCL	392.115	53.700	7.30	377.153	55.223	6.83	348.979	55.359	6.30
JKML		0.000						0.000	
DVC	0.198	0.047	4.21					0.000	
IISCO	4.100	0.566	7.24	0.000	0.504	0.00	1.973	0.294	6.71
SAIL	0.065	0.185	0.35					0.000	
JSMDC	0.731	0.351	2.08	0.000	0.228	0.00	0.453	0.068	6.66
RRVUNL	19.493	8.329	2.34	0.000	15.000	0.00	39.370	15.000	2.62
NTPC	8.497	2.679	3.17	0.000	7.311	0.00	39.131	11.151	3.51
WBPDC				0.000	0.400	0.00	10.167	2.112	4.81
CSPGCL				0.000	0.400	0.00	0.691	0.509	1.36
PUBLIC	1603.314	602.680	2.66	1539.139	655.470	2.35	1595.091	656.585	2.43
TSL	18.891	5.046	3.74	18.969	5.303	3.58	18.449	5.128	3.60
Meghalaya		1.529	0.00					0.000	
HIL	9.189	1.188	7.73	9.304	1.198	7.77	5.573	0.573	9.73
SPL	77.366	18.003	4.30	81.509	18.000	4.53	74.612	18.700	3.99
CESC	5.503	1.878	2.93	5.207	1.856	2.81	5.207	1.958	2.66
GMR	0.112	0.270	0.41	0.000	0.000	0.00	0.000	0.000	0.00
BALCO				2.819	0.667	4.23	4.918	1.000	4.92
JPVL	16.992	2.800	6.07	15.713	2.800	5.61	15.753	2.800	5.63
TUML	0.412	0.175	2.35	1.363	0.300	4.54	1.973	0.286	6.90
RCCPL				0.000	0.000	0.00	0.000	0.000	0.00
OCL				0.691	0.161	4.29	0.691	0.115	6.01
AMBUJA				0.926	0.100	9.26	1.352	0.400	3.38
TSPGCL				22.221	0.759	29.28	29.752	1.659	17.93
OCPL							0.691	1.003	0.69
PRIVATE	128.465	30.889	4.38	158.722	31.144	5.10	158.971	33.622	4.73
INDIA	1731.779	633.569	2.74	1697.861	686.614	2.47	1754.062	690.207	2.54

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

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

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

TABLE 3.1: TREND OF DESPATCHES OF COAL AND LIGNITE DURING LAST TEN YEARS
(Quantity in Million Tonnes)

Year	Raw Coal		Lignite		Total solid fossil fuel	
	Despatches	Growth (%)	Despatches	Growth (%)	Despatches	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2010-11	523.465	1.88	37.685	9.45	561.15	2.36
2011-12	535.299	2.26	41.883	11.14	577.182	2.86
2012-13	567.136	5.95	46.313	10.58	613.449	6.28
2013-14	572.060	0.87	43.897	-5.22	615.957	0.41
2014-15	603.772	5.54	46.954	6.96	650.726	5.64
2015-16	632.442	4.75	42.211	-10.10	674.653	3.68
2016-17	645.978	2.14	43.155	2.24	689.133	2.15
2017-18	690.003	6.82	46.317	7.33	736.320	6.85
2018-19	732.794	6.20	45.810	-1.09	778.604	5.74
2019-20	706.770	-3.55	42.267	-7.73	749.037	-3.80

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	513.792	5.03
2010-11	16.075	5.94	48.95	15.26	474.515	0.68	523.465	1.88
2011-12	15.903	-1.07	51.723	5.66	483.576	1.91	535.299	2.26
2012-13	14.799	-6.94	55.859	8.00	511.277	5.73	567.136	5.95
2013-14	15.236	2.95	58.464	4.66	513.596	0.45	572.060	0.87
2014-15	13.264	-12.94	56.438	-3.47	547.334	6.57	603.772	5.54
2015-16	13.866	4.54	59.213	4.92	573.229	4.73	632.442	4.75
2016-17	14.039	1.25	59.308	0.16	586.670	2.34	645.978	2.14
2017-18	34.199	143.60	45.380	-23.48	644.623	9.88	690.003	6.82
2018-19	35.255	3.09	43.318	-4.54	689.476	6.96	732.794	6.20
2019-20	34.784	-1.34	50.656	16.94	656.114	-4.84	706.770	-3.55

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)
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	5.551	-3.93	19.513	32.18	3.856	-5.28	0	-	11.646	-6.19
2019-20	5.305	-4.43	18.538	-5.00	3.591	-6.87	0.082	-	14.872	27.70

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 2019-20

(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)
2019-20												
Apr-19	3.967	8.51	7.83	58.523	1.54	8.92	62.490	1.95	8.84	4.171	0.94	9.67
May-19	3.988	11.55	7.87	59.041	-0.69	9.00	63.029	0.01	8.92	4.010	-6.92	9.30
Jun-19	4.429	35.07	8.74	55.191	-1.72	8.41	59.620	0.31	8.44	3.433	-13.29	7.96
1st Quarter	12.384	17.83	24.45	172.755	-0.28	26.33	185.139	0.75	26.20	11.614	-6.33	26.92
Jul-19	4.194	20.45	8.28	52.092	-2.24	7.94	56.286	-0.85	7.96	2.905	-7.28	6.73
Aug-19	3.907	4.24	7.71	45.015	-9.84	6.86	48.922	-8.86	6.92	3.653	24.72	8.47
Sep-19	3.745	0.21	7.39	40.556	-18.16	6.18	44.301	-16.87	6.27	2.770	-10.04	6.42
2nd Quarter	11.846	8.01	23.39	137.663	-9.89	20.98	149.509	-8.69	21.15	9.328	2.05	21.62
Oct-19	3.656	-3.51	7.22	46.798	-17.89	7.13	50.454	-17.00	7.14	3.048	-17.51	7.07
Nov-19	4.388	27.48	8.66	54.129	-7.74	8.25	58.517	-5.79	8.28	3.299	-9.07	7.65
Dec-19	4.551	28.60	8.98	60.760	0.46	9.26	65.311	2.01	9.24	3.883	-12.33	9.00
3rd Quarter	12.595	16.95	24.86	161.687	-8.21	24.64	174.282	-6.76	24.66	10.230	-12.95	23.71
Jan-20	4.577	24.54	9.04	62.964	4.29	9.60	67.541	5.45	9.56	3.953	-8.71	9.16
Feb-20	4.637	34.06	9.15	61.635	4.12	9.39	66.272	5.77	9.38	4.154	8.40	9.63
Mar-20	4.617	17.27	9.11	59.410	-12.30	9.05	64.027	-10.67	9.06	3.859	-11.41	8.95
4th Quarter	13.831	24.93	27.30	184.009	-1.76	28.05	197.840	-0.27	27.99	11.966	-4.41	27.74
Yr. 2019-20	50.656	16.94	100.00	656.114	-4.84	100.00	706.770	-3.55	100.00	43.138	-5.83	100.00

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

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

TABLE 3.5: MONTHLY DESPATCHES OF DIFFERENT TYPES OF COAL, LIGNITE AND COAL PRODUCTS IN 2019-20
(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)
2019-20															
Apr-19	0.51	9.74	9.56	1.099	-7.57	5.93	0.328	1.23	9.13	0.015	-	18.29	1.302	44.99	8.75
May-19	0.52	39.89	9.78	1.678	16.04	9.05	0.400	24.61	11.14	0.011	-	13.4	1.360	42.86	9.14
Jun-19	0.49	23.19	9.31	1.637	24.49	8.83	0.341	9.29	9.50	0.014	-	17.1	1.301	39.29	8.75
1st Quarter	1.52	23.18	28.65	4.414	11.75	23.81	1.069	11.70	29.77	0.040	-	48.8	3.963	42.35	26.65
Jul-19	0.45	7.86	8.54	1.376	8.43	7.42	0.365	30.36	10.16	0.012	-	14.6	1.317	34.53	8.86
Aug-19	0.47	0.21	8.84	1.222	-25.76	6.59	0.315	-8.43	8.77	0.006	-	7.32	1.288	31.03	8.66
Sep-19	0.39	-2.00	7.41	1.096	-32.55	5.91	0.247	-12.10	6.88	0.009	-	11	1.179	22.68	7.93
2nd Quarter	1.32	2.02	24.79	3.694	-18.63	19.93	0.927	2.43	25.81	0.027	-	32.9	3.784	29.46	25.44
Oct-19	0.41	-9.65	7.77	1.637	-4.32	8.83	0.236	-16.01	6.57	0.004	-	4.88	1.201	19.03	8.08
Nov-19	0.37	-22.87	6.99	1.449	-11.38	7.82	0.258	-18.35	7.18	0.006	-	7.32	1.205	25.00	8.10
Dec-19	0.43	-10.79	8.11	1.726	-3.36	9.31	0.270	-21.28	7.52	0.000	-	0	1.075	10.71	7.23
3rd Quarter	1.21	-14.52	22.87	4.812	-6.24	25.96	0.764	-18.72	21.28	0.010	-	12.2	3.481	18.24	23.41
Jan-20	0.44	-17.50	8.35	2.084	9.05	11.24	0.309	-19.53	8.60	0.001	-	1.22	1.208	23.77	8.12
Feb-20	0.42	-19.19	7.86	1.848	7.88	9.97	0.275	-12.97	7.66	0.004	-	4.88	1.143	21.08	7.69
Mar-20	0.4	-28.60	7.48	1.686	-25.63	9.09	0.247	-30.23	6.88	0.000	-	0	1.293	20.28	8.69
4th Quarter	1.26	-21.88	23.69	5.618	-4.63	30.31	0.831	-21.16	23.14	0.005	-	6.1	3.644	21.67	24.50
Yr. 2019-20	5.31	-4.43	100.00	18.538	-5.00	100.00	3.591	-6.87	100.00	0.082	-	100	14.872	27.70	100.00

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

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

(3) 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	State : Arunachal Pradesh			State: Assam			State: Chhattisgarh		
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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
2019-20	0	-	-	0.562	0.08	-25.46	147.075	20.81	-8.07
Year	State: Jammu & Kashmir			State: Jharkhand			State: Madhya Pradesh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
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
2019-20	0.010	0.00	-37.50	132.418	18.74	-2.68	108.917	15.41	5.33
Year	State: Maharashtra			State: Meghalaya			State: Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
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
2019-20	50.008	7.08	-3.45	0.000	0.00	0.00	135.878	19.23	-4.62

Contd....

TABLE 3.6 : SHARE OF RAW COAL DESPATCHES BY STATES DURING LAST TEN YEARS
(Quantity in Million Tonnes)

Year	State: Telangana			State: Uttar Pradesh			State: West Bengal		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
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
2019-20	64.122	9.07	-6.29	34.735	4.91	-5.24	33.045	4.68	-0.58

Year	All India	
	Quantity	Growth(%)
(41)	(42)	(43)
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
2019-20	706.770	-3.55

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

Year	State: Tamilnadu			State: Gujarat		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
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	12.555	27.41	-8.88
2019-20	23.775	56.25	-3.00	10.354	24.50	-17.53

Year	State: Rajasthan			ALL INDIA	
	Quantity	Share (%)	Growth (%)	Quantity	Growth (%)
(8)	(9)	(10)	(11)	(12)	(13)
2010-11	1.525	4.05	26.35	37.685	9.45
2011-12	2.963	7.07	94.30	41.883	11.14
2012-13	7.331	15.83	147.42	46.313	10.58
2013-14	7.628	17.38	4.05	43.897	-5.22
2014-15	10.504	22.37	37.70	46.954	6.96
2015-16	9.583	22.70	-8.77	42.211	-10.10
2016-17	8.445	19.57	-11.88	43.155	2.24
2017-18	9.140	19.73	8.23	46.317	7.33
2018-19	8.746	19.09	-4.31	45.811	-1.09
2019-20	8.138	19.25	-6.95	42.267	-7.74

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

(Quantity in Million Tonnes)

Company	2017-18			2018-19			2019-20		
	Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.039	43.395	43.434	0.026	50.198	50.224	0.027	49.108	49.135
BCCL	24.165	9.138	33.303	25.726	7.356	33.082	25.973	2.698	28.671
CCL	13.966	53.543	67.509	10.117	58.328	68.445	17.804	49.528	67.332
NCL		96.772	96.772		101.574	101.574		107.017	107.017
WCL	0.279	48.464	48.743	0.196	55.354	55.550	0.177	52.399	52.576
SECL	0.303	145.435	145.738	0.249	150.733	150.982	0.169	138.049	138.218
SECL(GP-IV/2&3)		4.053	4.053		3.200	3.200		2.888	2.888
SECL(GP-IV/1)		1.301	1.301		1.839	1.839		0.821	0.821
MCL		138.262	138.262		142.303	142.303		134.014	134.014
NEC		0.895	0.895		0.754	0.754		0.562	0.562
CIL	38.752	541.258	580.010	36.314	571.639	607.953	44.150	537.084	581.234
SCCL		64.623	64.623		67.669	67.669		62.465	62.465
JKML		0.021	0.021		0.016	0.016		0.010	0.010
JSMDC		0.351	0.351		0.228	0.228		0.064	0.064
DVC			0.000			0.000		0.000	0.000
IISCO	0.415	0.374	0.789	0.443	0.301	0.744	0.300	0.234	0.534
SAIL			0.000			0.000		0.000	0.000
RRVUNL		8.329	8.329		15.000	15.000		15.000	15.000
NTPC		2.583	2.583		6.972	6.972		10.696	10.696
WBPDC					0.337	0.337		1.927	1.927
CSPGCL								0.017	0.017
Total Public	39.167	617.539	656.706	36.757	662.162	698.919	44.450	627.497	671.947
TSL	6.213	0.000	6.213	6.561	0.000	6.561	6.206	0.000	6.206
MEGHALAYA		1.529	1.529		0.000	0.000		0.000	0.000
HIL		2.247	2.247		2.310	2.310		0.909	0.909
SPL		17.961	17.961		18.001	18.001		18.783	18.783
SIL		0.262	0.262		0.270	0.270		0.224	0.224
CESC		1.764	1.764		1.948	1.948		1.888	1.888
GMR		0.276	0.276		0.000	0.000		0.000	0.000
BALCO		0.000	0.000		0.563	0.563		0.874	0.874
JPVL		2.800	2.800		2.799	2.799		2.800	2.800
RCCPL		0.072	0.072		0.103	0.103		0.182	0.182
TUML		0.173	0.173		0.302	0.302		0.284	0.284
AMBUJA					0.100	0.100		0.386	0.386
OCL					0.161	0.161		0.115	0.115
TSPGCL					0.757	0.757		1.657	1.657
OCPL								0.515	0.515
Total Private	6.213	27.084	33.297	6.561	27.314	33.875	6.206	28.617	34.823
ALL INDIA	45.380	644.623	690.003	43.318	689.476	732.794	50.656	656.114	706.770
LIGNITE :									
NLC			24.982			25.719			25.123
GMDCL			10.601			9.16			6.957
GIPCL			3.123			3.313			3.342
RSMML			1.019			1.317			0.79
GHCL			0.055			0.082			0.055
VSLPPL			0.426			0.303			0.697
BLMCL			6.111			5.917			5.303
ALL INDIA			46.317			45.811			42.267
COAL & LIGNITE			736.320			778.605			749.037

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

(Quantity in Million Tonnes)

States	Company	2017-18			2018-19			2019-20		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Assam	NEC		0.895	0.895		0.754	0.754		0.562	0.562
Chhattisgarh	SECL	0.303	130.991	131.294	0.249	137.481	137.730	0.169	126.255	126.424
Chhattisgarh	SECL(GP-IV/2&3)		4.053	4.053		3.200	3.200		2.888	2.888
Chhattisgarh	SECL(GP-IV/1)		1.301	1.301		1.839	1.839		0.821	0.821
Chhattisgarh	RRVUNL		8.329	8.329		15.000	15.000		15.000	15.000
Chhattisgarh	NTPC_Tallipalli								0.000	0.000
Chhattisgarh	HIL_GP_IV/4		0.934	0.934		1.000	1.000		0.530	0.530
Chhattisgarh	HIL_GP_IV/5		0.745	0.745		0.552	0.552		0.135	0.135
Chhattisgarh	BALCO		0.000	0.000		0.563	0.563		0.874	0.874
Chhattisgarh	AMBUJA					0.100	0.100		0.386	0.386
Chhattisgarh	CSPGCL								0.017	0.017
Chhattisgarh	TOTAL	0.303	146.353	146.656	0.249	159.735	159.984	0.169	146.906	147.075
Jammu & Kashmir	JKML		0.021	0.021		0.016	0.016		0.010	0.010
Jharkhand	ECL	0.037	17.387	17.424	0.022	20.648	20.670	0.027	20.553	20.580
Jharkhand	BCCL	22.875	8.625	31.500	24.770	7.211	31.981	25.679	2.551	28.230
Jharkhand	CCL	13.966	53.543	67.509	10.117	58.328	68.445	17.804	49.528	67.332
Jharkhand	JSMDCL		0.351	0.351		0.228	0.228		0.064	0.064
Jharkhand	DVC	0.000		0.000			0.000			0.000
Jharkhand	IISCO	0.415	0.001	0.416	0.443	0.003	0.446	0.300		0.300
Jharkhand	SAIL			0.000			0.000			0.000
Jharkhand	NTPC_PB		2.583	2.583		6.972	6.972		9.462	9.462
Jharkhand	TSL	6.213		6.213	6.561		6.561	6.206		6.206
Jharkhand	HIL_KOC		0.568	0.568		0.758	0.758		0.244	0.244
*Jharkhand	TOTAL	43.506	83.058	126.564	41.913	94.148	136.061	50.016	82.402	132.418
Madhya Pradesh	NCL		79.545	79.545		64.920	64.920		72.282	72.282
Madhya Pradesh	WCL	0.279	4.829	5.108	0.196	4.133	4.329	0.177	2.899	3.076
Madhya Pradesh	SECL		14.444	14.444		13.252	13.252		11.794	11.794
Madhya Pradesh	SPL		17.961	17.961		18.001	18.001		18.783	18.783
Madhya Pradesh	JPVL		2.800	2.800		2.799	2.799		2.800	2.800
Madhya Pradesh	RCCPL		0.072	0.072		0.103	0.103		0.182	0.182
*Madhya Pradesh	TOTAL	0.279	119.651	119.930	0.196	103.208	103.404	0.177	108.740	108.917
Maharashtra	WCL		43.635	43.635		51.221	51.221		49.500	49.500
Maharashtra	SIL		0.262	0.262		0.270	0.270		0.224	0.224
Maharashtra	TUML		0.173	0.173		0.302	0.302		0.284	0.284
*Maharashtra	TOTAL	0.000	44.070	44.070	0.000	51.793	51.793	0.000	50.008	50.008
Meghalaya	Meghalaya		1.529	1.529			0.000			0.000
Odisha	MCL		138.262	138.262		142.303	142.303		134.014	134.014
Odisha	NTPC_Dulanga								1.234	1.234
Odisha	GMR		0.276	0.276		0.000	0.000		0.000	0.000
Odisha	OCPL								0.515	0.515
Odisha	OCL					0.161	0.161		0.115	0.115
*Odisha	TOTAL		138.538	138.538		142.464	142.464		135.878	135.878
Telangana	SCCL		64.623	64.623		67.669	67.669		62.465	62.465
Telangana	TSPGCL					0.757	0.757		1.657	1.657
*Telangana	TOTAL	0.000	64.623	64.623	0.000	68.426	68.426	0.000	64.122	64.122
Uttar Pradesh	NCL		17.227	17.227		36.654	36.654		34.735	34.735
West Bengal	ECL	0.002	26.008	26.010	0.004	29.550	29.554		28.555	28.555
West Bengal	BCCL	1.290	0.513	1.803	0.956	0.145	1.101	0.294	0.147	0.441
West Bengal	IISCO		0.373	0.373		0.298	0.298		0.234	0.234
West Bengal	WBPDCCL_B					0.337	0.337		0.563	0.563
West Bengal	WBPDCCL_BN								0.525	0.525
West Bengal	WBPDCCL_PN								0.839	0.839
West Bengal	CESC		1.764	1.764		1.948	1.948		1.888	1.888
*West Bengal	TOTAL	1.292	28.658	29.950	0.960	32.278	33.238	0.294	32.751	33.045
Total Public		39.167	617.539	656.706	36.757	661.825	698.919	44.450	626.955	671.405
Total Private		6.213	27.084	33.297	6.561	27.214	33.775	6.206	28.248	34.454
All India		45.380	644.623	690.003	43.318	689.476	732.794	50.656	656.114	706.770

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

(Quantity in Million Tonnes)

Block	Company	State	2017-18			2018-19			2019-20		
			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)
SECL(GP-IV/2&3)	SECL	Chhattisgarh		4.053	4.053		3.200	3.200		2.888	2.888
SECL(GP-IV/1)	SECL	Chhattisgarh		1.301	1.301		1.839	1.839		0.821	0.821
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		8.329	8.329		15.000	15.000		15.000	15.000
Pakri Barwadih	NTPC	Jharkhand		2.583	2.583		6.797	6.797		9.462	9.462
Dulanga	NTPC	Odisha			0.000		0.175	0.175		1.234	1.234
Tallipalli	NTPC	Chhattisgarh								0.000	0.000
Tasra	SAIL/IISCO	Jharkhand			0.000			0.000		0.000	0.000
Barjora	WBPDCCL	West Bengal			0.000		0.337	0.337		0.563	0.563
Barjora North	WBPDCCL	West Bengal								0.525	0.525
Pachhwarra North	WBPDCCL	West Bengal								0.839	0.839
Gare Palma Sector-III	CSPGCL	Chhattisgarh								0.017	0.017
Total Public			0.000	16.266	16.266	0.000	27.348	27.348	0.000	31.349	31.349
Amelia North	JPVL	Madhya Pradesh		2.800	2.800		2.799	2.799		2.800	2.800
Belgaon	SIL	Maharashtra		0.262	0.262		0.270	0.270		0.224	0.224
Chotia II	BALCO	Chhattisgarh		0.000	0.000		0.563	0.563		0.874	0.874
Gare Palma IV/4	HIL	Chhattisgarh		0.934	0.934		1.000	1.000		0.530	0.530
Gare Palma IV/5	HIL	Chhattisgarh		0.745	0.745		0.552	0.552		0.135	0.135
Kathautia	HIL	Chhattisgarh		0.568	0.568		0.758	0.758		0.244	0.244
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		17.961	17.961		18.001	18.001		18.783	18.783
Sarshatali	CESC	West Bengal		1.764	1.764		1.948	1.948		1.888	1.888
Talabira-I	GMR	Odisha		0.276	0.276		0.000	0.000		0.000	0.000
Sial Ghogri	RCCPL	Madhya Pradesh		0.072	0.072		0.103	0.103		0.182	0.182
Marki Mangli I	TUML	Maharashtra		0.173	0.173		0.302	0.302		0.284	0.284
Ardhagram	OCL	Odisha					0.161	0.161		0.115	0.115
Gare Palma IV/8	AMBUJA	Chhattisgarh					0.100	0.100		0.386	0.386
Tadicherla	TSPGCL	Telangana					0.757	0.757		1.657	1.657
Manoharpur	OCPL	Odisha								0.515	0.515
Total Private			0.000	25.555	25.555	0.000	27.314	27.314	0.000	28.617	28.617
Grand Total			0.000	41.821	41.821	0.000	54.662	54.662	0.000	59.966	59.966

TABLE 3.11: GRADEWISE DESPATCH OF COKING COAL BY COMPANIES IN 2019-20

(Quantity in Million Tonnes)

Companies	COKING COAL GRADE													
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	SLV1	Washery Feed	Met Coal	Non Met	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ECL						0.027						0.000	0.027	0.027
BCCL	0.033	0.128		0.049	1.888	5.453	17.318	1.076	0.028			25.973	0.000	25.973
CCL						2.931	7.285	7.580	0.008			2.251	15.553	17.804
NCL												0.000	0.000	0.000
WCL	0.000	0.000	0.000	0.000	0.000	0.000	0.177					0.054	0.123	0.177
SECL			0.169									0.000	0.169	0.169
SECL(GP-IV/2&3)	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.000	0.000	0.000
SECL(GP-1)	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.000	0.000	0.000
MCL												0.000	0.000	0.000
NEC												0.000	0.000	0.000
CIL	0.033	0.128	0.169	0.049	1.888	8.411	24.780	8.656	0.036	0.000	0.000	28.278	15.872	44.150
SCCL													0.000	0.000
JKML													0.000	0.000
DVC													0.000	0.000
IISCO							0.070	0.230				0.300	0.000	0.300
SAIL													0.000	0.000
JSMDCL													0.000	0.000
RRVUNL													0.000	0.000
NTPC													0.000	0.000
WBPDCCL													0.000	0.000
CSPGCL													0.000	0.000
Total Public	0.033	0.128	0.169	0.049	1.888	8.411	24.850	8.886	0.036	0.000	0.000	28.578	15.872	44.450
TSL				0.105	0.440	0.888	4.773					6.206	0.000	6.206
CESC													0.000	0.000
HIL													0.000	0.000
SPL													0.000	0.000
GMR													0.000	0.000
BALCO													0.000	0.000
SIL													0.000	0.000
JPVL													0.000	0.000
RCCPL													0.000	0.000
TUML													0.000	0.000
OCL													0.000	0.000
AMBUJA													0.000	0.000
TSPGCL													0.000	0.000
OCPL													0.000	0.000
Total Private	0.000	0.000	0.000	0.105	0.440	0.888	4.773	0.000	0.000	0.000	0.000	6.206	0.000	6.206
ALL INDIA	0.033	0.128	0.169	0.154	2.328	9.299	29.623	8.886	0.036	0.000	0.000	34.784	15.872	50.656

TABLE 3.12: GRADEWISE DESPATCH OF NON COKING COAL BY COMPANIES IN 2019-20

(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)	
ECL			1.604	13.992	9.931	1.302	4.064	1.497		0.130			16.588								49.108	49.135
BCCL					0.038	0.421	0.486	1.436	0.176	0.020			0.077	0.044							2.698	28.671
CCL					0.468	0.257	1.058	4.700	4.615	10.871	17.808	5.321	4.430								49.528	67.332
NCL							25.457	23.779	1.813	35.569	14.590	5.809									107.017	107.017
WCL	0.000	0.000	0.000	0.000	0.000	0.183	0.330	2.015	7.219	16.900	16.178	6.007	3.567								52.399	52.576
SECL			1.589	0.091	1.031	2.556	5.745	5.064	2.762	2.923	105.689	0.901	5.413	0.643	3.494	0.148					138.049	138.218
SECL(GP-IV/2&3)			0.000	0.000								0.227	0.390		2.271						2.888	2.888
SECL(GP-1)												0.033		0.038		0.750					0.821	0.821
MCL								0.079	0.031	0.048	0.031	44.525	34.998	50.968	3.334						134.014	134.014
NEC	0.020	0.340	0.000	0.015		0.187															0.562	0.562
CIL	0.020	0.340	3.193	14.098	11.468	4.906	37.140	38.570	16.616	66.461	154.296	62.823	65.073	52.045	6.866	2.419	0.750	0.000	0.000		537.084	581.234
SCCL					0.593		3.905	5.354	4.563	13.496	6.942	1.277	19.574	0.001	4.707	0.843	0.106	1.104			62.465	62.465
JKML																	0.010				0.010	0.010
DVC																					0.000	0.000
IISCO				0.120		0.114															0.234	0.534
SAIL																					0.000	0.000
JSMDC												0.064									0.064	0.064
RRVUNL											10.153				0.461	4.386					15.000	15.000
NTPC									9.462				1.234								10.696	10.696
WBPDC							1.374					0.074	0.479								1.927	1.927
CSPGCL												0.005	0.006	0.006							0.017	0.017
Total Public	0.020	0.340	3.193	14.098	12.181	4.906	42.533	43.924	30.641	79.957	171.391	64.243	86.366	52.052	11.573	3.723	5.242	1.114	0.000		627.497	671.947
TSL																					0.000	6.206
CESC											1.888										1.888	1.888
HIL					0.244	0.058	0.290		0.009	0.029	0.279										0.909	0.909
SPL										18.783											18.783	18.783
GMR																					0.000	0.000
BALCO								0.634			0.106	0.134									0.874	0.874
SIL							0.224														0.224	0.224
JPVL											2.800										2.800	2.800
RCCPL								0.182													0.182	0.182
TUML												0.284									0.284	0.284
OCL							0.115														0.115	0.115
AMBUJA											0.386										0.386	0.386
TSPGCL								1.657													1.657	1.657
OCPL													0.515								0.515	0.515
Total Private	0.000	0.000	0.000	0.000	0.000	0.244	0.173	2.987	0.000	18.792	5.209	0.697	0.000	0.515	0.000	0.000	0.000	0.000	0.000		28.617	34.823
ALL INDIA	0.020	0.340	3.193	14.098	12.181	5.150	42.706	46.911	30.641	98.749	176.600	64.940	86.366	52.567	11.573	3.723	5.242	1.114	0.000		656.114	706.770

TABLE 3.13: MODEWISE COMPANYWISE DESPATCHES OF RAW COAL IN 2019-20(External & Internal)
(Quantity of Million Tonnes)

Company	YEAR 2019 - 20 (External)							YEAR 2019 - 20 (Internal)							Total Despatch
	Rail	Road	Belt	MGR	Rope	Other	Total External	Rail	Road	Belt	MGR	Rope	Other	Total Internal	
(1)	(2)	(3)	(6)	(4)	(5)	(7)	(8)	(9)	(10)	(13)	(11)	(12)	(14)	(15)	(16)
ECL	32.980	2.535		13.620			49.135							0.000	49.135
BCCL	21.907	5.118					27.025	0.418	1.228					1.646	28.671
CCL	35.649	22.913					58.562		8.770					8.770	67.332
NCL	31.690	17.748	3.218	50.932			103.588		3.429					3.429	107.017
WCL	32.774	17.314	0.265	0.474	1.749		52.576							0.000	52.576
SECL	49.608	55.836	6.267	24.380		2.127	138.218							0.000	138.218
SECL(GP-IV/2&3)		2.888					2.888							0.000	2.888
SECL(GP-IV/1)		0.821					0.821							0.000	0.821
MCL	76.836	43.233	1.512	12.433			134.014							0.000	134.014
NEC	0.518	0.044					0.562							0.000	0.562
CIL	281.962	168.450	11.262	101.839	1.749	2.127	567.389	0.418	13.427	0.000	0.000	0.000	0.000	13.845	581.234
SCCL	44.379	8.375		8.197	0.383	1.131	62.465							0.000	62.465
JKML						0.010	0.010							0.000	0.010
JSMDCL		0.064					0.064							0.000	0.064
DVC		0.000					0.000							0.000	0.000
IISCO		0.234				0.230	0.464					0.070		0.070	0.534
SAIL							0.000							0.000	0.000
RRVUNL							0.000		15.000					15.000	15.000
NTPC		10.696					10.696							0.000	10.696
WBPDC		1.927					1.927							0.000	1.927
CSPGCL		0.017					0.017							0.000	0.017
PUBLIC	326.341	189.763	11.262	110.036	2.132	3.498	643.032	0.418	28.427	0.000	0.000	0.070	0.000	28.915	671.947
TSL							0.000		0.098	6.108				6.206	6.206
CESC							0.000		1.888					1.888	1.888
HIL		0.909					0.909							0.000	0.909
GMR							0.000							0.000	0.000
BALCO	0.874						0.874							0.000	0.874
SIL	0.224						0.224							0.000	0.224
JPVL	2.800						2.800							0.000	2.800
TUML		0.127					0.127		0.157					0.157	0.284
SPL		18.783					18.783							0.000	18.783
RCCPL		0.182					0.182							0.000	0.182
AMBUJA		0.386					0.386							0.000	0.386
OCL		0.115					0.115							0.000	0.115
TSPGCL		1.657					1.657							0.000	1.657
OCPL		0.515					0.515							0.000	0.515
PRIVATE	3.898	22.674	0.000	0.000	0.000	0.000	26.572	0.000	2.143	6.108	0.000	0.000	0.000	8.251	34.823
GRAND TOTAL	330.239	212.437	11.262	110.036	2.132	3.498	669.604	0.418	30.570	6.108	0.000	0.070	0.000	37.166	706.770

TABLE 3.14: COMPANYWISE OFF-TAKE OF RAW COAL & LIGNITE TO DIFFERENT PRIORITY SECTORS DURING 2019-20

(Quantity of Million Tonnes)

Company	Power (Utility)	Power (Captive)	Steel	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatches	Colliery Consumption	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
COAL :																
ECL	45.334	0.296		0.368	0.076		0.282						2.779	49.135	0.181	49.316
BCCL	23.626	0.011	0.650			0.975							3.409	28.671	0.015	28.686
CCL	39.251	4.409	8.770			0.143	0.912		0.002				13.845	67.332		67.332
NCL	92.728	7.371			0.371		0.225						6.322	107.017	0.406	107.423
WCL	42.998	1.251	0.053		1.825		0.459		0.004	0.218	0.020		5.748	52.576	0.004	52.580
SECL	112.487	11.354	0.440	0.000	3.213	0.625	5.581			0.041	0.022		4.455	138.218	0.009	138.227
SECL(GP-IV/2&3)	1.459												1.429	2.888		2.888
SECL(GP-IV/1)	0.738	0.000											0.083	0.821		0.821
MCL	92.676	23.567			0.205	0.019	2.775	0.474		0.165			14.133	134.014	0.002	134.016
NEC	0.464	0.015			0.066								0.017	0.562		0.562
CIL	451.761	48.274	9.913	0.368	5.756	1.762	10.234	0.474	0.006	0.424	0.042	0.000	52.220	581.234	0.617	581.851
SCCL	52.927	3.060	0.005		2.189		0.104	0.149	0.207	0.941	0.080	0.002	2.801	62.465		62.465
JKML													0.010	0.010		0.010
JSMDC	0.040											0.024		0.064		0.064
DVC														0.000		0.000
IISCO			0.534											0.534		0.534
SAIL														0.000		0.000
RRVUNL	15.000													15.000		15.000
NTPC	10.696													10.696		10.696
WBPDC	1.927													1.927		1.927
CSPGCL	0.017													0.017		0.017
PUBLIC	532.368	51.334	10.452	0.368	7.945	1.762	10.338	0.623	0.213	1.365	0.122	0.026	55.031	671.947	0.617	672.564
TSL			6.206											6.206		6.206
CESC	1.888													1.888		1.888
HIL		0.909												0.909		0.909
GMR		0.000												0.000		0.000
BALCO		0.874												0.874		0.874
SIL	0.000	0.124					0.065						0.035	0.224		0.224
JPVL		2.800												2.800		2.800
TUML		0.157			0.084		0.040						0.003	0.284		0.284
SPL		18.783												18.783		18.783
RCCPL					0.182									0.182		0.182
AMBUJA					0.386									0.386		0.386
OCL			0.115											0.115		0.115
TSPGCL		1.657												1.657		1.657
OCPL		0.515												0.515		0.515
PRIVATE	1.888	25.819	6.321	0.000	0.652	0.000	0.105	0.000	0.000	0.000	0.000	0.000	0.038	34.823	0.000	34.444
GRAND TOTAL	534.256	77.153	16.773	0.368	8.597	1.762	10.443	0.623	0.213	1.365	0.122	0.026	55.069	706.770	0.617	707.387
LIGNITE:																
GIPCL		3.342												3.342		3.342
GMDCL		2.691			0.144	0.001	0.014		0.298	0.438	0.122	0.454	2.795	6.957		6.957
GHCL		0.055												0.055		0.055
NLCL	24.245		0.021		0.627				0.001	0.108		0.010	0.111	25.123		25.123
RSMML													0.790	0.790		0.790
VSLPPL		0.697												0.697		0.697
BLMCL		5.303												5.303		5.303
TOTAL	24.245	12.088	0.021	0.000	0.771	0.001	0.014	0.000	0.299	0.546	0.122	0.464	3.696	42.267	0.000	42.267

TABLE 3.15: AVAILABILITY AND OFF-TAKE OF INDIAN RAW COAL BY COMPANIES DURING 2018-19 & 2019-20

Company	2018-19							2019-20						
	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	55.630	606.887	662.517	607.953	0.220	608.173	54.291	54.291	602.129	656.420	581.234	0.617	581.851	75.055
SCCL	4.921	64.401	69.322	67.669		67.669	1.609	1.609	64.044	65.653	62.465		62.465	3.188
JKML	0.005	0.013	0.018	0.016		0.016	0.003	0.003	0.014	0.017	0.010		0.010	0.007
JSMDC	0.000	0.228	0.228	0.228		0.228	0.000	0.000	0.068	0.068	0.064		0.064	0.004
DVC	0.060	0.000	0.060	0.000		0.000	0.060	0.060	0.000	0.060	0.000		0.000	0.060
IISCO	0.007	0.743	0.750	0.744		0.744	0.004	0.004	0.534	0.538	0.534		0.534	0.004
SAIL	0.185	0.000	0.185	0.000		0.000	0.185	0.185	0.000	0.185	0.000		0.000	0.000
RRVUNL	0.000	15.000	15.000	15.000		15.000	0.000	0.000	15.000	15.000	15.000		15.000	0.000
NTPC	0.223	7.311	7.534	6.972		6.972	0.561	0.561	11.151	11.712	10.696		10.696	1.016
WBPDCL		0.400	0.400	0.337		0.337	0.063		2.112	2.112	1.927		1.927	0.250
CSPGCL									0.509	0.509	0.017		0.017	0.492
PUBLIC	61.031	694.983	756.014	698.919	0.220	699.139	56.776	56.713	695.561	752.274	671.947	0.617	672.564	80.076
TSL	0.024	6.546	6.570	6.561		6.561	0.009	0.009	6.210	6.219	6.206		6.206	0.012
SPL	0.264	18.000	18.264	18.001		18.001	0.264	0.264	18.700	18.964	18.783		18.783	0.181
CESC	0.240	1.856	2.096	1.948		1.948	0.148	0.148	1.958	2.106	1.888		1.888	0.218
HIL	0.457	2.173	2.630	2.310		2.310	0.319	0.319	0.729	1.048	0.909		0.909	0.141
GMR	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
BALCO	0.000	0.667	0.667	0.563		0.563	0.103	0.103	1.000	1.103	0.874		0.874	0.230
SIL	0.017	0.270	0.287	0.270		0.270	0.017	0.017	0.270	0.287	0.224		0.224	0.063
JPVL	0.001	2.800	2.801	2.799		2.799	0.001	0.001	2.800	2.801	2.800		2.800	0.001
RCCPL	0.000	0.103	0.103	0.103		0.103	0.001	0.001	0.182	0.183	0.182		0.182	0.001
TUML	0.002	0.300	0.302	0.302		0.302	0.000	0.000	0.286	0.286	0.284		0.284	0.002
OCL	0.000	0.161	0.161	0.161		0.161	0.000	0.000	0.115	0.115	0.115		0.115	0.000
AMBUJA	0.000	0.100	0.100	0.100		0.100	0.000	0.000	0.400	0.400	0.386		0.386	0.014
TSPGCL	0.000	0.759	0.759	0.757		0.757	0.002	0.002	1.659	1.661	1.657		1.657	0.004
OCPL								0.000	1.003	1.003	0.515		0.515	0.488
PRIVATE	1.005	33.735	34.740	33.875	0.000	33.875	0.864	0.864	35.312	36.176	34.823	0.000	34.823	1.355
INDIA	62.036	728.718	790.754	732.794	0.220	733.014	57.640	57.577	730.873	788.450	706.770	0.617	707.387	81.431

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)
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	57.640	91.04	-7.10	5.672	8.96	-21.33	63.312	-8.58
2019-20	81.431	93.68	41.28	5.495	6.32	-3.12	86.926	37.30

-0.177

TABLE-4.2 : MONTHLY PIT-HEAD CLOSING STOCK OF COAL, LIGNITE AND VARIOUS COAL PRODUCTS IN 2019-20

(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-19	50.306	4.194	0.140	0.336	0.482	0	0.058
May-19	44.927	3.737	0.136	0.119	0.481	0	0.058
Jun-19	41.016	3.789	0.155	0.110	0.513	0	0.058
1st Quarter	41.016	3.789	0.155	0.110	0.513	0.000	0.058
Jul-19	32.785	3.826	0.149	0.042	0.512	0	0.058
Aug-19	26.582	3.973	0.139	0.015	0.489	0	0.058
Sep-19	21.698	4.069	0.143	0.033	0.459	0	0.058
2nd Quarter	21.698	4.069	0.143	0.033	0.459	0.000	0.058
Oct-19	21.052	4.150	0.114	0.084	0.443	0	0.058
Nov-19	23.973	4.063	0.145	0.297	0.435	0	0.058
Dec-19	28.765	4.157	0.417	0.429	0.426	0	0.058
3rd Quarter	28.765	4.157	0.417	0.429	0.426	0.000	0.058
Jan-20	36.314	4.663	0.116	0.239	0.397	0	0.058
Feb-20	47.972	5.208	0.123	0.457	0.393	0	0.058
Mar-20	81.431	5.495	0.130	0.660	0.431	0	0.058
4th Quarter	81.431	5.495	0.130	0.660	0.431	0.000	0.058
Total 2019-20	81.431	5.495	0.130	0.660	0.431	0.000	0.058

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	2017-18		2018-19		2019-20	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COAL :						
ECL	2.496	4.02	2.249	3.90	3.336	4.10
BCCL	5.416	8.73	3.416	5.93	2.314	2.84
CCL	13.469	21.71	13.745	23.85	13.302	16.34
NCL	3.441	5.55	3.370	5.85	3.999	4.91
WCL	11.614	18.72	9.240	16.03	14.296	17.56
SECL	7.414	11.95	8.819	15.30	17.718	21.76
SECL(GP-IV/2&3)	0.317	0.51	0.387	0.67	0.157	0.19
SECL(GP-IV/1)	0.216	0.35	0.059	0.10	0.000	0.00
MCL	11.178	18.02	12.906	22.39	19.879	24.41
NEC	0.069	0.11	0.100	0.17	0.054	0.07
CIL	55.630	89.66	54.291	94.19	75.055	92.17
SCCL	4.921	7.93	1.609	2.79	3.188	3.91
JKML	0.005	0.01	0.003	0.01	0.007	0.01
JSMDC	0.000	0.00	0.000	0.00	0.004	0.00
DVC	0.060	0.10	0.060	0.10	0.060	0.07
IISCO	0.007	0.01	0.004	0.01	0.004	0.00
SAIL	0.185	0.30	0.185	0.32	0.000	0.00
RRVUNL	0.000	0.00	0.000	0.00	0.000	0.00
NTPC	0.223	0.36	0.561	0.97	1.016	1.25
WBPDC			0.063	0.11	0.250	0.31
CSPGCL					0.492	0.60
PUBLIC	61.031	98.37	56.776	98.50	80.076	98.34
TSL	0.024	0.04	0.009	0.02	0.012	0.01
Meghalaya	0.000	0.00	0.000	0.00	0.000	0.00
HIL	0.457	0.74	0.319	0.55	0.141	0.17
SIL	0.017	0.03	0.017	0.03	0.063	0.08
SPL	0.264	0.43	0.264	0.46	0.181	0.22
GMR	0.000	0.00	0.000	0.00	0.000	0.00
BALCO	0.000	0.00	0.103	0.18	0.230	0.28
CESC	0.240	0.39	0.148	0.26	0.218	0.27
JPVL	0.001	0.00	0.001	0.00	0.001	0.00
RCCPL	0.007	0.01	0.001	0.00	0.001	0.00
TUML	0.002	0.00	0.000	0.00	0.002	0.00
OCL			0.000	0.00	0.000	0.00
AMBUJA			0.000	0.00	0.014	0.02
TSPGCL			0.002	0.00	0.004	0.00
OCPL					0.488	0.60
PRIVATE	1.012	1.63	0.864	1.50	1.355	1.66
ALL INDIA	62.043	100.00	57.640	100.00	81.431	100.00
LIGNITE :						
NLC	6.784	94.09	5.319	93.78	5.059	92.07
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	0.014	0.19	0.025	0.44	0.028	0.51
RSMML	0.000	0.00	0.000	0.00	0.000	0.00
VSLPPL	0.062	0.86	0.050	0.88	0.020	0.36
BLMCL	0.350	4.85	0.278	4.90	0.388	7.06
ALL INDIA	7.210	100.00	5.672	100.00	5.495	100.00
COAL & LIGNITE	69.253		63.312		86.926	

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

(Quantity in Million Tonnes)

Block	Company	State	2017-18			2018-19			2019-20		
			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		0.317	0.317		0.387	0.387		0.157	0.157
Gare Palma IV/1	SECL	Chhattisgarh		0.216	0.216		0.059	0.059		0.000	0.000
Parsa East & Kanta Basan	RRUVNL	Chhattisgarh		0.000	0.000		0.000	0.000		0.000	0.000
Pakri Barwadih	NTPC	Jharkhand		0.223	0.223		0.561	0.561		0.194	0.194
Dulanga	NTPC	Odisha								0.632	0.632
Talipalli	NTPC	Chhattisgarh								0.190	0.190
Tasra	SAIL/IISCO	Jharkhand		0.185	0.185		0.185	0.185		0.000	0.000
Barjora	WBPDCCL	West Bengal					0.063	0.063		0.000	0.000
Barjora_North	WBPDCCL	West Bengal								0.082	0.082
Pachwara North	WBPDCCL	West Bengal								0.168	0.168
Gare Palma Sector-III	CSPGCL	Chhattisgarh								0.492	0.492
Total Public			0.000	0.941	0.941	0.000	1.255	1.255	0.000	1.915	1.915
Chotia	BALCO	Chhattisgarh		0.000	0.000		0.103	0.103		0.230	0.230
Sarshatali	CESC	West Bengal		0.240	0.240		0.148	0.148		0.218	0.218
Talabira I	GMR	Odisha		0.000	0.000		0.000	0.000		0.000	0.000
Gare Palma IV/4	HIL	Chhattisgarh		0.201	0.201		0.039	0.039		0.058	0.058
Gare Palma IV/5	HIL	Chhattisgarh		0.024	0.024		0.009	0.009		0.001	0.001
Kauthatia	HIL	Jharkhand		0.232	0.232		0.271	0.271		0.082	0.082
Amelia North	JPVL	Madhya Pradesh		0.001	0.001		0.001	0.001		0.001	0.001
Sial Ghogri	RCCPL	Madhya Pradesh		0.000	0.000		0.001	0.001		0.001	0.001
Belgaon	SIL	Maharashtra		0.017	0.017		0.017	0.017		0.063	0.063
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		0.264	0.264		0.264	0.264		0.181	0.181
Marki Mangli I	TUML	Maharashtra		0.002	0.002		0.000	0.000		0.002	0.002
Ardhagram	OCL	Odisha						0.000		0.000	0.000
Gare Palma IV/8	AMBUJA	Chhattisgarh						0.000		0.014	0.014
Tadicherla	TSPGCL	Telangana					0.002	0.002		0.004	0.004
Manoharpur	OCPL	Odisha								0.488	0.488
Total Private			0.000	0.981	0.981	0.000	0.855	0.855	0.000	1.343	1.343
Grand Total			0.000	1.922	1.922	0.000	2.110	2.110	0.000	3.258	3.258

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)
2010-11	19.48392	208620.70	49.43368	206875.09	68.91760	415495.80	1.49021	31203.55		
2011-12	31.80101	424692.34	71.05162	363683.49	102.85263	788375.83	2.36469	47584.54		
2012-13	35.55697	378398.09	110.22847	490056.94	145.78545	868455.02	3.08065	56918.82	0.00065	10.22
2013-14	36.87214	348318.65	129.98489	574973.16	166.85702	923291.81	4.17053	67994.89	0.00127	23.73
2014-15	43.71529	337655.59	174.06751	707410.50	217.78280	1045066.09	3.29388	43806.15	0.00064	17.03
2015-16	44.56117	282519.09	159.38809	577818.53	203.94926	860337.62	3.07163	32683.54	0.00105	14.83
2016-17	41.64379	412300.61	149.30926	590013.33	190.95305	1002313.94	4.34648	54019.35	0.01912	433.29
2017-18	47.00325	595226.36	161.24542	789543.41	208.24866	1384769.77	4.58478	91524.74	0.01041	116.50
2018-19	51.83768	720497.64	183.51033	988707.26	235.34801	1709204.90	4.93094	120644.85	0.01937	403.43
2019-20	51.83275	612668.32	196.70383	914652.23	248.53658	1527320.55	2.87455	60256.67	0.05425	1074.46

Source: DGCI & S , Kolkata

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)
2010-11	0.11100	265.00	1.76393	4544.27	1.87493	4809.27	0.72859	11646.64		
2011-12	0.09722	286.72	1.91748	5525.35	2.01470	5812.07	0.61336	11524.78		
2012-13	0.05621	302.18	2.38676	8349.02	2.44296	8651.19	1.20114	6017.15	0.06906	360.27
2013-14	0.00802	34.94	2.18006	10805.12	2.18808	10840.07	0.15385	1521.38	0.00194	61.13
2014-15	0.04249	413.03	1.19588	6784.24	1.23838	7197.27	0.10206	1140.32	0.00285	39.81
2015-16	0.06410	650.37	1.51109	8348.06	1.57519	8998.43	0.14860	1493.51	0.00051	8.73
2016-17	0.02665	114.53	1.74600	9554.72	1.77265	9669.25	0.08869	1063.43	0.00538	305.12
2017-18	0.06791	394.41	1.43575	8388.62	1.50365	8783.03	0.10725	1726.21	0.00441	292.56
2018-19	0.05978	911.89	1.24659	8587.98	1.30637	9499.87	0.02493	228.09	0.07894	2233.19
2019-20	0.00164	13.43	1.04566	5915.89	1.04730	5929.32	0.02200	224.42	0.09266	2480.98

Note:

Source: DGCI & S , Kolkata

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

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

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

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

TABLE 5.3 : SOURCE COUNTRY-WISE IMPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2019-20

(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	35.91565	427267.26	10.80214	82902.62	46.71779	510169.88	0.14106	2492.57		
Baharain Is			0.00049	6.49	0.00049	6.49	0.00045	6.70		
Bangladesh Pr			0.00738	67.30	0.00738	67.30				
Belgium			0.15940	794.90	0.15940	794.90				
Bhutan			0.00251	17.82	0.00251	17.82				
Canada	4.64724	57293.86	0.03830	289.67	4.68555	57583.53	0.00016	2.71		
China P Rp	0.18156	2869.43	0.03083	962.81	0.21239	3832.23	0.34460	7224.01	0.00886	133.89
Colombia	0.01000	106.42	1.90235	9423.21	1.91235	9529.64	0.39421	7123.90		
Cyprus			0.00199	25.63	0.00199	25.63				
Denmark					0.00000	0.00	0.00535	87.09		
Egypt A Rp					0.00000	0.00	0.03768	645.96		
Estonia					0.00000	0.00	0.00021	3.87		
Finland			0.07735	717.87	0.07735	717.87	0.04081	946.36		
Germany	0.02950	293.36	0.00003	1.47	0.02953	294.83	0.00180	28.70		
Hong Kong			0.05843	327.96	0.05843	327.96	0.00617	114.17	0.00027	4.47
Iceland			0.08000	321.29	0.08000	321.29				
Indonesia	1.42330	13156.56	115.23977	447692.35	116.66307	460848.91	0.13209	2898.90		0.00
Iran			0.02356	73.68	0.02356	73.68	0.01738	277.18		
Ireland					0.00000	0.00	0.00018	2.43		
Japan					0.00000	0.00	0.38987	8263.57	0.02379	443.35
Latvia			0.12930	1400.07	0.12930	1400.07	0.00101	18.30		
Lithuania					0.00000	0.00	0.00064	13.04		
Malaysia			0.00002	0.40	0.00002	0.40	0.00060	6.58		
Mexico			0.10747	633.77	0.10747	633.77				
Mozambique	1.77755	20890.85	3.69882	19381.77	5.47638	40272.62				
Netherland			0.38200	1473.30	0.38200	1473.30	0.00005	2.90		
New Zealand	0.41278	4376.75		0.08	0.41278	4376.83				
Nigeria			0.00006	0.28	0.00006	0.28				
Philippines			0.03455	146.24	0.03455	146.24				
Poland					0.00000	0.00	0.81476	19526.72		
Puerto Rico					0.00000	0.00	0.00400	62.35		
Qatar					0.00000	0.00	0.00096	5.81		
Russia	1.10388	8104.79	7.12250	52386.83	8.22637	60491.62	0.30123	6167.06	0.02133	492.75
Saudi Arab			0.00012	1.29	0.00012	1.29				
Singapore	2.00611	25290.69	3.72206	19780.79	5.72816	45071.49	0.17635	3439.46		
South Africa		0.00	42.48134	212693.03	42.48134	212693.03				
Spain					0.00000	0.00	0.00026	7.14		
Switzerland	0.28813	3682.21	1.04129	5252.29	1.32942	8934.50	0.03053	565.14		
Taiwan			0.16680	979.42	0.16680	979.42				
U Arab Emts	0.21878	2967.60	0.65550	2750.40	0.87428	5718.00	0.01234	258.28		
U K	0.00060	17.52	0.28383	1477.69	0.28443	1495.21	0.00018	4.94		
U S A	3.77457	45880.21	8.38374	51603.80	12.15830	97484.01		2.38		
Venezuela					0.00000	0.00	0.00066	7.69		
Vietnam Soc Rep			0.06995	1065.69	0.06995	1065.69				
Virgin Is Us	0.04312	470.81			0.04312	470.81				
Unspecified					0.00000	0.00	0.01895	50.78		
TOTAL	51.83275	612668.32	196.70383	914652.23	248.53658	1527320.55	2.87455	60256.67	0.05425	1074.46

Source: DGCI & S, Kolkata

TABLE 5.4 : DESTINATION COUNTRY-WISE EXPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2019-20

(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					0.00000	0.00			0.00003	5.02
Angola					0.00000	0.00	0.00002	0.47		
Australia			0.00001	0.09	0.00001	0.09				
Azerbaijan					0.00000	0.00			0.00003	5.30
Baharain Is			0.00001	1.71	0.00001	1.71				
Bangladesh Pr	0.00018	1.08	0.20141	991.90	0.20159	992.98	0.00390	63.57	0.00029	4.34
Bhutan			0.02063	211.43	0.02063	211.43	0.00080	19.96	0.05220	1274.93
Brazil					0.00000	0.00			0.03350	804.17
China P Rp				0.00	0.00000	0.00				
Germany				0.00	0.00000	0.00				
Ghana					0.00000	0.00	0.00006	0.59	0.00003	0.42
Indonesia			0.00003	0.53	0.00003	0.53	0.00007	1.60	0.00003	4.15
Japan				0.00	0.00000	0.00				
Jordan			0.00010	2.43	0.00010	2.43	0.00007	2.83	0.00038	11.09
Kuwait					0.00000	0.00			0.00002	2.48
Madagascar			0.00006	3.10	0.00006	3.10				
Malaysia			0.00007	3.60	0.00007	3.60			0.00015	19.93
Mauritius			0.00002	0.49	0.00002	0.49				
Morocco					0.00000	0.00			0.00011	3.08
Myanmar			0.00022	4.12	0.00022	4.12			0.00002	3.61
Nepal	0.00146	12.35	0.82222	4673.56	0.82368	4685.90	0.01680	129.13	0.00149	14.58
Netherland					0.00000	0.00			0.00003	5.08
Nigeria			0.00001	0.67	0.00001	0.67	0.00001	0.44	0.00005	1.69
Oman			0.00008	1.71	0.00008	1.71	0.00002	0.48	0.00051	80.04
Pakistan Ir					0.00000	0.00	0.00014	2.09	0.00100	25.31
Philippines			0.00000	0.02	0.00000	0.02				
Qatar			0.00005	1.98	0.00005	1.98			0.00046	14.28
Russia					0.00000	0.00			0.00025	29.42
Saudi Arab			0.00010	2.38	0.00010	2.38	0.00002	0.49	0.00150	138.88
South Africa					0.00000	0.00	0.00004	1.62		
Sri Lanka Dsr			0.00001	0.70	0.00001	0.70	0.00001	0.24	0.00020	6.36
Thailand			0.00001	0.63	0.00001	0.63	0.00002	0.23	0.00003	5.22
U Arab Emts			0.00060	14.11	0.00060	14.11			0.00019	15.24
U S A			0.00001	0.02	0.00001	0.02	0.00002	0.68		
Ukraine					0.00000	0.00			0.00015	6.35
Vietnam Soc Rep			0.00003	0.71	0.00003	0.71				
Yemen Republic					0.00000	0.00		0.00		
Unspecified					0.00000	0.00				
TOTAL	0.00164	13.43	1.04566	5915.89	1.04730	5929.32	0.02200	224.42	0.09266	2480.98

Source: DGCI & S , Kolkata

TABLE 5.5 : PORT WISE IMPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2019-20

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

Port	Coking Coal		Non Coking Coal		Total Coal		Coke & Others Coal		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Agartala			0.00332	27.86	0.00332	27.86				
Appic Multi Prod Sez Vizag Dc			0.14610	646.36	0.14610	646.36				
Bangalore Airport	0.00000	0.64	0.00000	0.16	0.00001	0.80	0.01650	292.73		
Bedi Sea			0.14470	777.89	0.14470	777.89				
Bhavnagar			1.30533	5579.41	1.30533	5579.41				
Cfs Startrack Dadri			0.00007	1.02	0.00007	1.02				
Chennai Air				0.00		0.00				
Chennai Sea	0.00060	17.52	0.01738	512.17	0.01798	529.70	0.01140	304.81	0.00174	24.87
Cochin Sea			0.00015	5.08	0.00015	5.08	0.00030	5.70		
Concor Icd Naya Raipur			0.00010	3.35	0.00010	3.35				
Concor Icd/Mmlp Khapri Nagpur			0.00010	3.62	0.00010	3.62				
Darranga (Rangia)			0.00248	17.48	0.00248	17.48				
Dehej Sea			4.75108	20210.02	4.75108	20210.02				
Delhi (Icd)			0.00003	0.53	0.00003	0.53	0.00000	0.08		
Delhi Air			0.00003	0.62	0.00003	0.62		2.24		
Dhahanu Sea			0.86050	3942.14	0.86050	3942.14				
Dhamra(Chandbali)	7.16892	86804.73	7.04646	47909.77	14.21538	134714.50				
Dharmatar Sea			2.91498	10856.69	2.91498	10856.69				
Ennore Sea	0.73214	9035.48	8.54190	34323.70	9.27403	43359.18				
Gangavaram Port	4.73299	56885.23	14.88652	71572.79	19.61951	128458.02	0.06600	1877.93		
Gopalpur Port	0.16879	1756.48	0.18467	1126.31	0.35346	2882.79				
Hazira Port, Surat			6.19985	22100.41	6.19985	22100.41				
Icd Bhusawal							0.00708	113.75		
Icd Durgapur, Wb			0.01290	314.45	0.01290	314.45				
Icd Garhaharsaru			0.00030	4.03	0.00030	4.03				
Icd Kanech, Inlogistics			0.00030	7.02	0.00030	7.02				
Icd Loni			0.00029	4.05	0.00029	4.05				
Icd Mandideep							0.00026	7.14		
Icd Nagpur			0.00199	68.49	0.00199	68.49			0.00003	0.50
Icd Raipur			0.00071	17.60	0.00071	17.60				
Icd Rewari							0.00005	0.98		
Icd Sabarmati			0.00006	1.90	0.00006	1.90	0.00000	0.09		
Icd Sahnewal, Grfl			0.00022	4.94	0.00022	4.94				
Icd Tuticorin			0.00002	0.52	0.00002	0.52	0.00000	0.01		
Jabilant Infra Ltd Kandla			0.01000	32.27	0.01000	32.27				
Jaigad	3.90900	43769.27	5.53848	26751.85	9.44748	70521.12				
Jakhav			0.50379	2481.75	0.50379	2481.75				
Kakinada Sea			2.28938	9528.38	2.28938	9528.38				
Kandla Sea	0.76025	8930.98	14.64012	74231.63	15.40037	83162.60	0.03510	821.36		
Karikal	0.60595	6719.41	5.54293	23354.30	6.14888	30073.71				
Kattupalli Port/ Tiruvallur									0.00072	10.05
Kodinar Sea			0.16111	568.19	0.16111	568.19				
Kolkata Air	0.00000	0.04	0.00000	0.67	0.00000	0.72				0.00
Kolkata Sea	7.41004	92207.87	5.73364	35178.46	13.14367	127386.33	0.40960	8104.42	0.00586	97.78
Krishnapatnam	2.63351	26656.95	17.49899	78491.95	20.13250	105148.90	0.05618	1238.94		
Lcs Kamardwisa			0.00003	0.34	0.00003	0.34				
Lcs Mahurighat			0.00029	2.38	0.00029	2.38				
Magdalla Port Sea	0.15967	1684.43	8.93591	40839.24	9.09558	42523.67	1.25989	28444.96		
Marmagoa Sea	6.11452	65890.35	3.18585	19763.79	9.30037	85654.14				
Mumbai Air	0.00001	0.53	0.00000	1.47	0.00001	2.01		1.04		
Mumbai Sea			2.32819	11542.40	2.32819	11542.40				
Mundra	0.87156	10654.86	20.97842	93155.82	21.84998	103810.68	0.04068	765.76		
Navlakhi			9.98726	38242.06	9.98726	38242.06				
Newmangalore Sea	0.05763	934.45	4.52685	23811.71	4.58448	24746.16	0.37903	8138.15		
Nhava Sheva Sea			0.00265	87.48	0.00265	87.48	0.00336	59.26	0.00078	5.17
Okha	0.18680	2308.34	0.98287	5446.54	1.16967	7754.88				
Paradip Sea	9.65244	115880.33	7.89609	45153.99	17.54853	161034.32	0.32530	5604.02		
Parri Infra Co Pvt Ltd			0.05000	122.99	0.05000	122.99				
Petrapole Land			0.00001	0.07	0.00001	0.07				
Pipavab(Vicyor)			0.89545	5638.61	0.89545	5638.61	0.02068	253.94	0.04512	936.10
Porbandar			0.52189	2388.83	0.52189	2388.83				
Ranpar			0.22686	815.90	0.22686	815.90				
Revdanda			1.14581	4538.23	1.14581	4538.23				
Saraf Agencies Pvt Ltd			0.00100	8.33	0.00100	8.33				
Sez Dahej			0.00451	17.65	0.00451	17.65				
Sez Jamnagar (Reliance)			0.25723	1268.05	0.25723	1268.05				
Sez Mundra			12.58874	55413.11	12.58874	55413.11				
Srimantapur			0.00377	36.99	0.00377	36.99				
Tuticorin Sea			8.20350	30887.79	8.20350	30887.79	0.00148	95.07		
Visakhapatnam Sea	6.66794	82530.44	10.11494	47221.82	16.78287	129752.26	0.24166	4124.30		
Unspecified			4.92477	17586.82	4.92477	17586.82				
TOTAL	51.83275	612668.32	196.70383	914652.23	248.53658	1527320.55	2.87455	60256.67	0.05425	1074.46

Source: DGCI & S, Kolkata

TABLE 5.6 : PORT WISE EXPORT OF COAL, COKE & LIGNITE TO INDIA DURING 2019-20

(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)
Bairgania	0.00006	0.48	0.02355	186.78	0.02361	187.26				
Barhni	0.00024	1.92	0.06173	533.25	0.06197	535.17	0.00022	2.60	0.00088	9.46
Bhimnagar			0.06506	171.23	0.06506	171.23				
Bhithamore			0.01268	101.69	0.01268	101.69				
Borsorah			0.12556	611.85	0.12556	611.85				
Chasuapara			0.00774	39.50	0.00774	39.50				
Chennai Air			0.00000	0.01	0.00000	0.01				
Chennai Sea			0.00003	2.88	0.00003	2.88	0.00002	0.23		
Darranga (Rangia)					0.00000	0.00	0.00028	6.82	0.00923	215.77
Delhi (lcd)			0.00001	0.29	0.00001	0.29				
Delhi Air					0.00000	0.00			0.00001	1.50
Galgalia			0.00752	59.66	0.00752	59.66				
Golokgans Rly.Stn			0.00639	32.35	0.00639	32.35				
Gouriphanta			0.00400	32.41	0.00400	32.41				
Hatisar (Deosiri)			0.00233	24.88	0.00233	24.88				
Hazira Port, Surat			0.00025	5.34	0.00025	5.34				
Hyderabad Airport				0.00	0.00000	0.00				
lcd Hyderabad				0.00	0.00000	0.00				
lcd Nagpur			0.00006	1.64	0.00006	1.64			0.00003	0.84
lcd Sabarmati					0.00000	0.00	0.00002	0.47		
lcd Vadodara/Baroda			0.00001	0.23	0.00001	0.23				
Jaigaon			0.00012	2.10	0.00012	2.10	0.00052	13.15	0.04297	1059.16
Jogbani			0.06439	509.07	0.06439	509.07	0.00117	11.55	0.00014	1.14
Joynagar			0.00039	2.69	0.00039	2.69				
Kolkata Air			0.00001	0.02	0.00001	0.02				
Kolkata Sea			0.00006	1.91	0.00006	1.91	0.00014	3.34		
L C S Khunwa			0.02299	179.90	0.02299	179.90	0.00018	1.46		
Laukaha, Madhubani			0.00014	0.98	0.00014	0.98				
Lcs Kamardwisa			0.01819	184.45	0.01819	184.45				
Marmagoa Sea					0.00000	0.00	0.00007	2.83	0.00004	1.38
Mumbai Air				0.00	0.00000	0.00				0.00
Mundra			0.00077	16.31	0.00077	16.31	0.00034	6.61	0.03790	1139.50
Nautanwa (Sonauli)	0.00070	6.31	0.42029	1818.82	0.42099	1825.13	0.00093	7.31	0.00009	0.92
Nepalganj			0.04002	315.70	0.04002	315.70	0.00021	1.65	0.00024	2.01
Nhava Sheva Sea			0.00013	8.50	0.00013	8.50		0.00	0.00071	43.90
Panitanki					0.00000	0.00	0.00600	41.76	0.00002	0.22
Petrapole Land	0.00018	1.08	0.01237	68.58	0.01255	69.67	0.00380	61.85	0.00029	4.34
Pipraun			0.00351	27.69	0.00351	27.69				
Raxaul Land	0.00025	1.94	0.07831	590.99	0.07856	592.93	0.00808	62.57	0.00013	0.83
Sonbarsa			0.01006	80.12	0.01006	80.12				
Sutarkandi			0.04935	239.61	0.04935	239.61				
Tikunia	0.00021	1.70	0.00006	0.49	0.00028	2.19				
Toothibari, Maharajganj			0.00752	62.10	0.00752	62.10	0.00003	0.23		
Visakhapatnam Sea			0.00008	1.88	0.00008	1.88				
Unspecified					0.00000	0.00				
TOTAL	0.00164	13.43	1.04566	5915.89	1.04730	5929.32	0.02200	224.42	0.09266	2480.98

Source: DGCI & S, Kolkata

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 2019-20

Sector	End Use	No of blocks	Geological/Extractable Reserves (Qty. in MT)
(1)	(2)	(3)	(4)
A. COAL BLOCKS			
Public Sector Undertakings	Power	54	13792.13
	Commercial Mining	20	2147.20
	NRS	4	475.41
	UMPP	0	100.00
	TOTAL	78	16414.74
Private Companies	Power	7	388.730
	UMPP	2	575.00
	NRS	18	351.06
	TOTAL	27	1314.79
ALL INDIA	Power	61	14180.8628
	Commercial Mining	20	2147.20
	UMPP	2	575.00
	NRS	22	826.47
	TOTAL	105	17729.5348
B. LIGNITE BLOCKS			
State PSU	Power	11	1093.94
	Commercial	10	408.93
	Subtotal	21	1502.87
Private	Power	1	44.66
	Commercial	1	7.80
	Subtotal	2	52.46
ALL INDIA	Power	12	1138.60
	Commercial	11	416.73
	Grand Total	23	1555.33

*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 2019-20

(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	251.880			1	251.880
1998									0	0.000
2004	1	1436.000							1	1436.000
2006			2	575.000					2	575.000
2007			0	0.000					0	0.000
2008			0	0.000					0	0.000
2009			0	0.000					0	0.000
2010			0	0.000					0	0.000
2015	47	8790.110			17	332.130	7	364.863	71	9487.103
2016	9	3561.153			4	242.460	8	1531.948	21	5335.561
2017	1	393.600							1	393.600
2018							2	250.391	2	250.391
2019							3	NA	3	NA
2020	3	NA	0	0.000	0	0.000	0	NA	3	NA
Total	61	14180.863	2	575.000	22	826.470	20	2147.202	105	17729.535

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 2019-20

(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	4.790	1	4.790
Telangana	1	45.360					1	110.870	2	156.230
Chhattisgarh	14	4116.550	0	0.000	4	119.070	5	625.038	23	4860.658
Jharkhand	16	5075.153	0	0.000	9	451.170	6	450.391	31	5976.714
Maharashtra	7	430.350	0	0.000	4	31.120	1	11.540	12	473.010
Madhya Pradesh	3	995.880	2	575.000	2	34.810	3	152.673	10	1758.363
Orissa	10	3188.290	0	0.000	2	171.370	2	660.900	14	4020.560
West Bengal	10	329.280	0	0.000	1	18.930	1	131.000	12	479.210
Total	61	14180.863	2	575.000	22	826.470	20	2147.202	105	17729.535

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 6.4: 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
XI th Five Year Plan											
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
XII th Five Year Plan											
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
2019-20	Target	17	52.880	10	5.830	3	17.000	30	75.710
2019-20	Achvmt	16	54.892	10	2.982	3	3.421	29	61.295

Table - 6.5 : LIGNITE BLOCKS STAND ALLOCATED DURING 2019-20

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
	Gujarat		Total		13		762.840		
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 Igija	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 Lig	1	Pvt	44.66	Power	Producing
7	Rajasthan	13.11.2006	Kapurdih	RRVPNL	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
	Rajasthan		Total		10		792.490		
			Grand Total		23		1555.330		

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

Table 6.6 : Statewise List of captive coal blocks stand vested/allocated during 2019-20

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(C)/private)	End -Use Plant	Remarks (Gr Taken From)
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)	(13)
1	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power	
TOTAL TELANGANA POWER			1		45.36						
2	Penagaddppa		1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial	
TOTAL TELANGANA			1		110.87						
3	Gare Palma Sector-I	III	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
4	Talaipalli	III	1	CH	861.25	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC Mp (February, 2010) Mineable Reserves/Extractable :- Opencast - 843.68, Underground - 17.57(Also From The List Of Newly Allocated 75 Coal Blocks As Received From MOC)
5-6	Gidhmuri & Paturia	III	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
7	Parsa	III	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
8	Gare Palma Sector II	III	1	CH	655.15	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
9-10	Parsa East & Kanta Basan	II	2	CH	450.97	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
11	Gare Palma Sector-III	III	1	CH	134.09	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
12-13.	Durgapur-II/Taraimar & Durgapur-II/Sarya		2	CH	NA	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power	
TOTAL CHHATTISGARH POWER			11		2737.550						
14	Madanpur South		1	CH	175.238	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corp. Ltd.	PSU(S)	Commercial	
TOTAL CHHATTISGARH			1		175.238						
15	Gare-Palma- IV/4	II	1	CH	12.30	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
16	Gare-Palma-IV/5	II	1	CH	42.43	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS	From The List Of Newly Allocated 75 Coal Blocks As Received From MOC
17	Chotia	II	1	CH	18.49	23.03.15	Vested	Bharat Aluminium Company Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
18	Gare Palma IV/8	III	1	CH	45.85	22.04.15	Vested	Ambuja Cements Ltd.	P	NRS	From The List Of Newly Allocated 75 Coal Blocks As Received From MOC
TOTAL CHHATTISGARH NRS			4		119.07						
19	Tokisud North	II	1	JH	51.97	23.03.15	Vested	Essar Power MP Ltd.	P	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
20	Jitpur	III	1	JH	65.54	22.04.15	Vested	Adani Power Ltd.	P	Power	
21	Ganeshpur	III	1	JH	91.80	22.04.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power	
22-23	Chatti Bariatu, Chatti Bariatu South	III	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
24	Saharpur Jamarpani	III	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
25	Pachwara Central	II	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
26	Badam	III	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
27	Pachwara North	II	1	JH	392.75	31.03.15	Allotted	WBPDCL	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
28	Rajbar E & D	III	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited (TVNL)	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
29	Banhardih	III	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
30	Kerandari	III	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power	From the list of newly allocated 75 Coal Blocks as received from MOC
31	Tubed	III	1	JH	189.8228	08.06.16	Allotted	Damodar Valley Corporation Ltd.	PSU(C)	Power	
TOTAL JHARKHAND POWER			13		3258.1528						
32	Patal East		1	JH	200.00	29.09.16	Allotted	Jharkhand Mineral Development Corporation Ltd.	PSU(S)	Commercial	
33-34	Kotre Basantpur & Pachmo		2	JH	250.391	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial	
35	Amarkonda Murgadangal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial	
36	Brahmini		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial	
37	Chichro Patsimal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial	
TOTAL JHARKHAND			6		450.391						
38	Moitra	III	1	JH	29.91	22.04.15	Vested	JSW Steel Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
39-40	Brinda & Sasai	III	2	JH	25.40	22.04.15	Vested	Usha Martin Ltd	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC

Table 6.6 : Statewise List of captive coal blocks stand vested/allocated during 2019-20

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(C)/private)	End -Use Plant	Remarks (Gr Taken From)
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)	(13)
1	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corp. Ltd.	PSU(S)	Power	
41	Meral	III	1	JH	12.67	22.04.15	Vested	Trimula Industries Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
42	Lohari	III	1	JH	9.05	22.04.15	Vested	Araanya Mines Private Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
43	Kauthatia	II	1	JH	23.96	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
44	Dumri	III	1	JH	46.14	22.04.15	Vested	Hindalco Industries Ltd.	P	NRS	From the list of newly allocated 75 Coal Blocks as received from MOC
TOTAL JHARKHAND NRS			7		147.13						
45-50	Baranj – I, II, III, IV, Kiloni & Manora Deep	II	6	MH	90.35	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power	
TOTAL MAHARASHTRA POWER			6		90.35						
51	Marki Mangli III	II	1	MH	3.58	17.04.15	Vested	B.S. Ispat Ltd.	P	NRS	
52	Nerad Malegaon	III	1	MH	10.62	22.04.15	Vested	Indrajit Power Pvt. Ltd.	P	NRS	
53	Marki Mangli-I	II	1	MH	9.78	30.09.15	Vested	Topworth Urja and Metals Ltd.	P	NRS	
54	Belgaon	II	1	MH	7.14	23.03.15	Vested	Sunflag Iron and Steel Co. Ltd	P	NRS	
TOTAL MAHARASHTRA NRS			4		31.12						
55	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	
56	Amelia (North)	II	1	MP	70.28	23.03.15	Vested	Jaiprakash Power Ventures Ltd.	P	Power	
TOTAL MADHYAPRADESH			2		463.88						
57	Sial Ghogri	II	1	MP	5.69	23.03.15	Vested	Reliance Cement Company Pvt. Ltd.	P	NRS	
58	Bicharpur	II	1	MP	29.12	23.03.15	Vested	UltraTech Cement Ltd.	P	NRS	
TOTAL MADHYAPRADESH NRS			2		34.81						
59	Suliyari		1	MP	141.00	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial	
TOTAL MADHYAPRADESH			1		141.00						
60	Talabira-I	II	1	Orissa	10.79	23.03.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power	
61	Dulanga	III	1	Orissa	152.05	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power	
62-63	Manoharpur & Dipside of Manoharpur	III	2	Orissa	152.12	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power	
64	Naini	III	1	Orissa	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power	
65	Talabira II & III	I	1	Orissa	152.33	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power	
66	Mandakini B	I	1	Odisha	1200.00	15.09.15	Allotted	NTPC Ltd.	PSU(C)	Power	
67	Mandakini		1	Odisha	NA	31.12.19	Allotted	KPCL	PSU(S)	Power	
TOTAL ORISSA POWER			8		1937.29						
68-69	Utkal E & D	III	2	Orissa	171.370	02.05.16	Allotted	NALCO	PSU(C)	NRS	
TOTAL ORISSA NRS			2		171.370						
70	Baitarni West	I	1	Orissa	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial	
TOTAL ORISSA COMMERCIAL			1		602.00						
71	Trans Damodar	II	1	WB	47.32	23.03.15	Vested	The Durgapur Projects Ltd.	P	Power	
72	Sarshatolli	II	1	WB	51.03	23.03.15	Vested	CESC Ltd.	P	Power	
73	Barjora (North)	II	1	WB	56.57	31.03.15	Allotted	WBPDC	PSU(C)	Power	
74	Khagra Joydev	II	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power	
75-76	Tara (East) and Tara (West)	II	2	WB	11.06	31.03.15	Allotted	WBPDC	PSU(S)	Power	
77-78	Gangaramchak & Gangaramchak Bhadulia	II	2	WB	11.05	31.03.15	Allotted	WBPDC	PSU(S)	Power	
79	Barjora	II	1	WB	1.45	31.03.15	Allotted	WBPDC	PSU(S)	Power	
80	Kasta East	III	1	WB	47.00	16.05.16	Allotted	WBPDC	PSU(S)	Power	
TOTAL WEST BENGAL POWER			10		329.28						
81	Ardhagram	II	1	WB	18.93	14.07.16	Vested	OCL IRON AND STEEL LTD.	P	NRS	
TOTAL WEST BENGAL NRS			1		18.930						
82	Gourangdih ABC		1	WB	131.00	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial	
TOTAL WEST BENGAL			1	WB	131.00						
TOTAL			82		10994.792						

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

Table 6.7: Sectorwise List of captive coal blocks stand vested/allocated during 2019-20

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
TOTAL PRIVATE NRS			18		351.060					
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	OR	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
TOTAL PRIVATE POWER			7		388.730					
26-27	Utikal E & D	III	2	OR	171.37	02.05.16	Allotted	NALCO	PSU(C)	NRS
TOTAL PSU NRS			2		171.37					
28	Tubeid	III	1	JH	189.8228	08.06.16	Allotted	Damodar Valley Corporation	PSU(C)	Power
29	Talaipalli	III	1	CH	861.25	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
30-31	Chatti Bariatu, Chatti Bariatu South	III	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
32	Saharpur Jamarpani	III	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power
33	Dulanga	III	1	OR	152.05	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
34	Naini	III	1	OR	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
35	Barjora (North)	II	1	WB	56.57	31.03.15	Allotted	WBPDC	PSU(C)	Power
36	Khagra Joydev	II	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power
37	Tadicherla-I	III	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
38	Gare Palma Sector-I	III	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
39-40	Gidhmuri & Paturia	III	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
41	Parsa	III	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
42	Gare Pelma Sector II	III	1	CH	655.150	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
43-44	Parsa East & Kanta Basan	II	2	CH	450.97	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
45	Gare Palma Sector-III	III	1	CH	134.09	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
46	Pachwara Central	II	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power
47	Badam	III	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power
48	Pachwara North	II	1	JH	392.75	31.03.15	Allotted	WBPDC	PSU(S)	Power
49	Rajbar E&D	III	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited (TVNL)	PSU(S)	Power
50	Banhardih	III	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power

Table 6.7: Sectorwise List of captive coal blocks stand vested/allocated during 2019-20

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
51-56	Baranj – I, II, III, IV, Kiloni & Manora Deep	II	6	MH	90.35	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
57-58	Manoharpur & Dipside of Manoharpur	III	2	OR	152.12	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
59-60	Tara (East) and Tara (West)	II	2	WB	11.06	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
61-62	Gangaramchak & Gangaramchak Bhadulia	II	2	WB	11.05	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
63	Barjora	II	1	WB	1.45	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
64	Kerandari	III	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
65	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
66	Talabira-II & III	I	1	OR	152.33	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
67	Mandakini B	I	1	OR	1200.00	15.09.16	Allotted	NTPC Ltd.	PSU(C)	Power
68	Kasta East	III	1	WB	47.00	16.05.16	Allotted	WBPDCCL	PSU(S)	Power
69	Mandakini		1	OR	NA	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
70-71	Durgapur-II/Taraimar & Durgapur-II/Sarya		2	CH	NA	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
TOTAL PSU POWER			44		8473.1328					
72	Baitarni West	I	1	OR	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
73	Penagaddppa		1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
74	Madanpur South		1	CH	175.238	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corp. Ltd.	PSU(S)	Commercial
75	Patal East		1	JH	200.00	29.09.16	Allotted	Jharkhand Mineral Development Corporation Ltd.	PSU(S)	Commercial
76	Suliyari		1	MP	141.00	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
77	Gourangdih ABC		1	WB	131.00	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
78-79	Kotre Basantpur & Pachmo		2	JH	250.391	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial
80	Amarkonda Murgadangal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
81	Brahmini		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
82	Chichro Patsimal		1	JH	NA	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
TOTAL PSU COMMERCIAL			11		1610.499					
ALL TOTAL			82		10994.7918					

Note.

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

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	Chhattisgarh	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	1	Allotted	31.03.2015	200.00	Power
2	Gondbahera- Ujjeni	Madhya Pradesh	Madhya Pradesh Power Generating Company Ltd.	1	Allotted	31.03.2015	532.00	Power
3	Banai	Chhattisgarh	NTPC Ltd	1	Allotted	31.03.2015	629.00	Power
4	Bhalumuda	Chhattisgarh	NTPC Ltd	1	Allotted	31.03.2015	550.00	Power
5	Sarapal-Nuapara	Odisha	Andhra Pradesh Power Generation Corp Ltd	1	Allotted	24.02.2016	701.00	Power
6	Chandrabila	Odisha	Tamil Nadu Generation & Distribution Corp Ltd	1	Allotted	24.02.2016	550.00	Power
7	Mahajanwadi	Maharashtra	Maharashtra Power Generation Corp Ltd	1	Allotted	24.02.2016	340.00	Power
8	Kalyanpur-Badalpara	Jharkhand	Haryana Power Generation Corp Ltd	1	Allotted	24.02.2016	102.00	Power
9	Kerwa	Chhattisgarh	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
10	Brahmani	Odisha	Orissa Minerals Development Company	1	Allotted	21.07.2016	58.90	Commercial Mining
11	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
ALL TOTAL				11			4054.840	

Table 6.9 : List of coal blocks under Custodian during 2019-20

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
TOTAL ARUNACHAL PRADESH		1		4.79			
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
TOTAL CHHATTISGARH		3		336.86			
5	Marki Mangli-II	1	MH	11.54	Chairman, CIL (Custodian)	PSU(C)	Commercial
TOTAL MAHARASHTRA		1		11.54			
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
TOTAL MADHYAPRADESH		2		11.673			
8	Parbarpur Central	1	JH	52.16	Chairman, CIL (Custodian)	PSU(C)	NRS
TOTAL JHARKHAND		1		52.16			
TOTAL		8		417.023			

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 6.10: 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	Pakri-Barwadih	1	JH	1436.00	11.10.04	NTPC	PSU(C)	Power
TOTAL JHARKHAND POWER		1		1436.00				
2	Tasra	1	JH	251.88	26.02.96	Steel Authority of India Ltd.	PSU(C)	NRS
TOTAL JHARKHAND NRS		1		251.88				
3-4	Moher, Moher-Amlori Extn.	2	MP	575.00	13.09.06	Power Finance Corporation Sasan UMPP	P	UMPP
TOTAL MADHYAPRADESH UMPP		2		575.00				
TOTAL		4		2262.880				

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.

TABLE 7.1: COKING COAL WASHERIES IN INDIA DURING 2019-20							
Sector	Owner Company	Name of Washery	Year of Commissioning	Feed Type	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Public	Bharat Coking Coal Ltd.	Dugda	1968	Pr. Ckg.	Jharkhand	Jharia	2.00
		Bhojudih	1962 (Expn-64)	Pr. Ckg.	West Bengal	Jharia	1.70
		Sudamdih	1981	Pr. Ckg.	Jharkhand	Jharia	1.60
		Moonidih	1983	Pr. Ckg.	Jharkhand	Jharia	1.60
		Mahuda	1990	Md. Ckg.	Jharkhand	Jharia	0.63
		Madhuband	1998	Pr. Ckg.	Jharkhand	Jharia	2.50
TOTAL							10.03
Public	Central Coalfields Ltd.	Kathara	1969	Md. Ckg.	Jharkhand	Bokaro	3.00
		Sawang	1970	Md. Ckg.	Jharkhand	Bokaro	0.75
		Rajrappa	1987	Md. Ckg.	Jharkhand	Ramgarh	3.00
		Kedla	1997	Md. Ckg.	Jharkhand	Ramgarh	2.60
TOTAL							9.35
Public	Western Coalfields Ltd.	Nandan	1984	Md. Ckg.	M.P.	Chhindwara	1.20
Public	All Coal India Ltd.						20.58
Public	Steel Authority of India Ltd.	Chasnala	1969	Coking	Jharkhand	Dhanbad	1.40
Total Public							21.98
Private	Tata Steel Ltd.	W.Bokaro-II	1984	Md. Ckg.	Jharkhand	Ramgarh	2.50
		W.Bokaro-III	1994	Md. Ckg.	Jharkhand	Ramgarh	2.56
		Jamadoba	1957	Pr. Ckg.	Jharkhand	Jamadoba	1.30
		Bhelatand	1995	Pr. Ckg.	Jharkhand	Bhelatand	1.50
Total Private	TOTAL						7.86
Grand Total							29.84

*Capacity of Mahuda washery under BCCL has been changed from 0.63 to 1.60 MTPA from Feb'19 onwards.

** Capacity of Bhelatand washery under TISCO has been changed from 1.00 to 1.50 MTPA from Mar'19 onwards

TABLE 7.2: COKING COAL WASHERY PERFORMANCE IN LAST THREE YEARS

(Quantity in Thousand Tonnes)				
Year	Owner Company	Raw Coal Feed	Washed Coal Production	Yield (%) Washed Coal
(1)	(2)	(3)	(4)	(5)
2019-20	BCCL	1402	626	45
	CCL	2250	762	34
	Total CIL	3652	1388	38
	SAIL	638	386	60
	Total Public	4290	1773	41
	TSL (Private)	6734	3477	52
	Total Private	6734	3477	52
	Grand Total	11024	5250	48
2018-19	BCCL	1309	586	45
	CCL	2424	805	33
	Total CIL	3733	1391	37
	SAIL	733	396	54
	Total Public	4466	1787	40
	TSL (Private)	7292	3735	51
	Total Private	7292	3735	51
	Grand Total	11758	5522	47
2017-18	BCCL	1512	801	53
	CCL	3538	1168	33
	Total CIL	5050	1969	39
	SAIL	1217	660	54
	Total Public	6268	2629	42
	TSL (Private)	6512	3397	52
	Total Private	6512	3397	52
	Grand Total	12506	6026	48

TABLE 7.3: NON COKING COAL WASHERY OWNED BY COLLIERIES IN INDIA DURING 2019-20

Sector	Owner Company	Name of Washery	Year of Commissioning	Feed Type	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Public	CCL	Gidi	1970	Non-Coking	Jharkhand	Hazaribagh	2.50
		Piparwar	1997	Non-Coking	Jharkhand	Chatra	6.50
		Kargali	1958	Non-Coking	Jharkhand	Bokaro	2.72
		Total					11.72
	All Coal India Ltd.						11.72
Total Public							11.72
Private	ADANI ENTERPRISES LTD.	Ael	2012-13	Non-Coking	Chhatisgarh	Parsa	15.00
	ARYAN COAL BENEFICATION (INDIA) LTD.	Chakabuwa	2004	Non-Coking	Chhatisgarh	Korba	7.50
		Dipka	1999-2000	Non-Coking	Chhatisgarh	Korba	14.00
		Pander Pauni	2003-04	Non-Coking	Maharashtra	Bollarpur	2.62
		Gevra	2007-08	Non-Coking	Chhatisgarh	Korba	6.25
		Binjhri	2010-11	Non-Coking	Chhatisgarh	Korba	4.80
		Hemgir	2011-12	Non-Coking	Orissa	Hemgir	5.00
	ARYAN ENERGY PVT. LTD.	Talcher	2003	Non-Coking	Orissa	Talcher	2.34
	GLOBAL COAL & MINING PVT. LTD.	Ib Valley	2006	Non-Coking	Orissa	Ib valley	3.50
		Ramagundam	2004	Non-Coking	Telangana	Ramagundam	1.00
		Talcher	2002	Non-Coking	Orissa	Talcher	4.00
		Manuguru	2009	Non-Coking	Telangana	Manuguru	1.50
	JINDAL POWER LTD.	Jpl	2013	Non-Coking	Chhatisgarh	Raigarh	4.75
	KARTIKAY COAL WASHERIES PVT. LTD	Wani	2005-06	Non-Coking	Maharashtra	Wardha	2.50
	MARUTI CLEAN COAL	Maruti	2015	Non-Coking	Chhatisgarh		6.60
SPECTRUM COAL & POWER LTD	Ratija	1999	Non-Coking	Chhatisgarh	Korba	11.00	
	Talcher	2015	Non-Coking	Orissa	Bharatpur	9.52	
Total Private							101.88
Grand Total							113.60

* Capacity of Adani Enterprise Ltd. washery has been changed from 10.00 to 15.00 MTPA from February'19 onwards.

TABLE 7.4: PERFORMANCE OF NON COKING COAL WASHERY OWNED BY COLLIERIES IN INDIA FOR LAST THREE FINANCIAL YEARS

(Quantity in Thousand Tonnes)

Year	Company	Raw Coal Feed	Production	Yield (%)
(1)	(2)	(3)	(4)	(5)
2019-20	CCL	6519.00	6480.31	99.41
	Total CIL	6519.00	6480.31	99.41
	Total Public	6519.00	6480.31	99.41
	Adani Enterprises Ltd.	15000.00	11708.83	78.06
	Aryan Coal Benefication Pvt.Ltd.	14582.18	11544.55	79.17
	Aryan Energy Pvt. Ltd.	1940.03	1425.91	73.50
	Global Coal & Mining Pvt. Ltd.	4185.42	2789.52	66.65
	Jindal Power Limited	413.81	372.10	89.92
	Kartikay Coal Washeries Pvt. Ltd.	125.91	89.41	71.01
	Maruti Clean Coal	1015.08	933.11	91.92
	Spectrum Coal & Power Ltd.	8091.13	6458.34	79.82
	Total Private	45353.56	35321.77	77.88
	Grand Total	51872.56	41802.08	80.59
	2018-19	CCL	6769.13	6631.13
Total CIL		6769.13	6631.13	97.96
Total Public		6769.13	6631.13	97.96
Adani Enterprises Ltd.		15000.00	11979.33	79.86
Aryan Coal Benefication Pvt.Ltd.		18005.63	14611.62	81.15
Aryan Energy Pvt. Ltd.		1509.84	1115.08	73.85
Global Coal & Mining Pvt. Ltd.		5219.58	3471.78	66.51
Jindal Power Limited		74.95	67.69	90.31
Kartikay Coal Washeries Pvt. Ltd.		141.91	101.84	71.76
Maruti Clean Coal		213.97	171.40	80.10
Spectrum Coal & Power Ltd.		12430.75	9841.07	79.17
Total Private		52596.63	41359.81	78.64
Grand Total		59365.76	47990.94	80.84
2017-18		CCL	6283.00	6077.00
	Total CIL	6283.00	6077.00	96.72
	Total Public	6283.00	6077.00	96.72
	Adani Enterprises Ltd.	8328.54	7143.20	85.77
	Aryan Coal Benefication Pvt.Ltd.	14092.15	11586.65	82.22
	Aryan Energy Pvt. Ltd.	1062.09	726.93	68.44
	Global Coal & Mining Pvt. Ltd.	3819.46	2436.00	63.78
	Jindal Power Limited	701.14	506.65	72.26
	Kartikay Coal Washeries Pvt. Ltd.	44.81	31.67	70.68
	Spectrum Coal & Power Ltd.	11836.92	9293.22	78.51
	Total Private	39885.11	31724.32	79.54
	Grand Total	46168.11	37801.32	81.88

Note: (1) Yield rate of an item = 100x Quantity of the item produced / Raw Coal feed.

* Jhama is also recycled in Madhuband washery. So it is not reported in this table.

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.

Table 5: Concordance Table	
Old Grading based on UHV	New Grading based on GCV
A	G1
	G2
	G3
B	G4
	G5

C	G6
D	G7
	G8
E	G9
	G10
F	G11
	G12
G	G13
	G14
Non-coking Coal Ungraded	G15
	G16
	G17

5 Some General Concepts

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

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

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

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

Off-take = Despatches + Colliery Consumption

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

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

5.7 Pit-head Value: Pit-head Value of coal is the value of coal at pit-head of the colliery. It is computed on the basis of basic price and therefore it does not involve any cost of loading, transportation from pit-head, Cess, Royalty, Sales tax, Stowing Excise Duty etc. This approach is followed by all non-captive coal companies, viz., CIL Subsidiaries, Singareni Collieries Companies Ltd. (SCCL), Jharkhand State Mineral Development Corporation Ltd. (JSMDC) 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
JSMDCL	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
CSPGCL	Chhattisgarh State Power Generation Company 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	Telangana State Power Generation Corporation Limited - Private - Captive
OCPL	Odisha Coal and Power Limited - Private - Captive
<u>LIGNITE COMPANIES:</u>	
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