



# COAL AND LIGNITE PRODUCTION





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## 1. Coal Demand:

The overall demand for coal for 2023-24 was estimated at 1196.60 MT. Details of demand from 2019-20 to 2023-24 are given below:-

(in MT)

Sector-wise Demand of Coal							
Sl. No	Sectors	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Actual	2023-24 (Projected)	2023-24 (Provisional)
1	Coking - Steel + Coke Oven	63.74	60.17	66.28	69.47	81.00	Total Dispatch <b>972.86</b> Total Import <b>261.00</b>
2	Power (Utility)	518.30	535.45	673.35	732.48	789.36	
3	Power (Captive)	85.15	45.79	36.70	52.65	55.64	
4	Cement	8.57	6.75	7.31	8.12	9.10	
5	Steel DRI	10.40	9.57	9.02	8.06	6.50	
6	Others*	269.75	248.60	235.18	244.26	255.00	
	<b>Total N-Coking</b>	<b>892.17</b>	<b>846.16</b>	<b>961.56</b>	<b>1045.57</b>	<b>1115.60</b>	
	<b>Total</b>	<b>955.91</b>	<b>906.33</b>	<b>1027.84</b>	<b>1115.04</b>	<b>1196.60</b>	<b>1233.86</b>

• P: Provisional, \*: Including import

• As per steel manufacturing companies, import of coking coal is likely to be increased due to unavailability of washed coking coal.

• Power (utility) and Power (captive) is calculated by taking ratio in %age of last three years and taking average of the last three years for the year 2023-24. As per demand of coal by MoP for the year 2023-24 is 845 MT which is further bifurcated into Power (utility) and Power (captive).

• Cement and Steel DRI is taken as FSA Coal.

Source: Coal Statistics of CCO & M/o Power

## 2. Coal Supply:

All India coal supply in FY 2023-24 was 972.65 MT (Prov.). As compared to 877.36 MT during the FY 2022-23, there is a growth of about 10.88% in the FY 2023-24. The detail for the year 2021-22 to 2023-24 is as under :



(In MT)

COMPANY WISE COAL DISPATCH (APRIL TO MARCH)								
Company	2021-22	2022-23		Achievement %	Growth %	2023-24 (Provisional)		
	Actual	Annual Target	Actual			Target	Actual	Achievement %
CIL	661.74	700.00	694.54	99.22%	▲ 5.0%	780.00	753.50	96.60%
SCCL	65.53	70.00	66.69	95.28%	▲ 1.8%	70.00	69.88	99.83%
Captive & Others	91.94	141.00	116.13	82.36%	▲ 26.3%	162.14	149.27	92.06%
<b>Total</b>	<b>819.21</b>	<b>911.00</b>	<b>877.36</b>	<b>96.31%</b>	<b>▲ 7.1%</b>	<b>1012.14</b>	<b>972.65</b>	<b>96.09%</b>

### 3. Coal Production

The country has witnessed the highest ever coal production in the year 2023-24. The all-India coal production in FY 2023-24 was 997.25 MT (Prov.). As compared to 893.19 MT during the FY 2022-23, there is a growth of about 11.65% in the FY 2023-24. CIL produced 773.64 MT, including custodian mines, against the annual target of 780.00 MT. The SCCL produced 70.02 MT of coal during 2023-24 as against the annual target of 70.00 MT. The company wise raw coal production target 2023-24 and achievement is given in the table. The all India coal production from FY 2021-22 to 2023-24 are as under:

(In MT)

Company	2021-22		2022-23		2023-24 (Provisional)		Achievement %
	(Target)	(Actual)	(Target)	(Actual)	(Target)	Actual (April to March)	
ECL	52.00	32.43	50.00	35.02	51.00	47.55	93.24%
BCCL	30.00	30.51	32.00	36.18	41.00	41.10	100.24%
CCL	74.00	68.85	76.00	76.09	84.00	86.06	102.45%
NCL	119.00	122.43	112.00	131.17	133.00	136.12	102.35%
WCL	60.00	57.71	62.00	64.28	67.00	69.11	103.15%
SECL*	172.00	142.51	182.00	167.01	200.00	187.39	93.70%
MCL	163.00	168.17	176.00	193.26	204.00	206.11	101.03%
NEC	0.00	0.03	0.00	0.20	0.20	0.21	104.50%
<b>CIL</b>	<b>670.00</b>	<b>622.63</b>	<b>700.00</b>	<b>703.20</b>	<b>780.00</b>	<b>773.64</b>	<b>99.16%</b>
SCCL	68.00	65.02	70.00	67.14	70.00	70.02	100.02%
Captive	99.00	85.72	130.00	116.68	151.00	147.12	97.43%
Others	11.00	4.84	11.00	6.17	11.14	6.47	58.79%
<b>TOTAL</b>	<b>848.00</b>	<b>778.21</b>	<b>911.00</b>	<b>893.19</b>	<b>1012.14</b>	<b>997.25</b>	<b>98.53%</b>

\* Production of Gare Palma-IV/ 2 & 3 of SECL is added to CIL and not included in Captive.

## 4. Lignite Production

**4.1** NLC India Limited (NLCIL) is an integrated mining cum Power Company with opencast lignite mines linked to Thermal Power Stations. During the year 2023-24, lignite production by NLC India Limited was 23.61 MT against the target (2023-24) of 26.50 MT. Further power generation by NLCIL & NTPL (JV) were **21,643.87** MU & 5,462.34 MU against the target (2023-24) of **26461.67** MU & 7466.00 MU

Product	Unit	2023-24	
		Target	Actual (Provl)
Overburden	MM <sup>3</sup>	167.13	151.24
Lignite	MT	26.50	23.61
Coal	MT	12.00	12.64
Power Gross (NLCIL)	MU	26461.67	21643.87
Power Export (NLCIL)	MU	23803.14	18890.09
Power Gross (NTPL)	MU	7466.00	5462.34
Power Export (NTPL)	MU	7037.00	5068.11

**4.2** All India Lignite production for the period of 2021-22 to 2023-24 is as under:

Company	2021-22	2022-23	2023-24 (Provisional)
	(Actual)	(Actual)	Actual
NLC	25.11	23.53	23.61
GMDCL	8.56	7.58	6.37
GIPCL	2.91	3.05	2.99
GPCL	1.79	1.56	1.86
RSMML	1.98	1.21	1.10
GHCL	0.08	0.13	0.06
VSLPPL	1.00	1.00	0.97
BLMCL	6.07	5.98	5.85
<b>All India</b>	<b>47.49</b>	<b>44.03</b>	<b>42.82</b>

**5. Lignite Dispatch:** All India Lignite dispatch for the period of 2021-22 to 2023-24 is as under :-

Company	Company-Wise Lignite Dispatch		
	2021-22	2022-23	2023-24 (Provisional)
NLC	25.11	23.53	22.90
GMDCL	8.56	7.58	6.37
GIPCL	2.91	3.05	3.02
GPCL	1.79	1.56	1.84



Company-Wise Lignite Dispatch			(in Million Tonnes)
Company	2021-22	2022-23	2023-24 (Provisional)
RSMML	1.98	1.21	1.10
GHCL	0.08	0.13	0.09
VSLPPL	1.00	1.00	0.92
BLMCL	6.07	5.98	6.21
<b>All India</b>	<b>47.49</b>	<b>44.03</b>	<b>42.45</b>

## 6. Import

Out of the total coal demand of the country, about 20-25% of the demand is met from import. Import of coal mainly consists of high-quality coking coal and high GCV coal as their domestic production is limited due to either scarce reserves or non-availability. Power sector imports coal for imported coal-based (ICB) power plants setup in coastal region (as they have been specially designed to use imported coal only) and for domestic coal-based (DCB) power plants for blending purpose. Coal being under Open General License (OGL), traders and end-users (Industries) directly import coal on commercial and logistic considerations.

During, 2023-2024, the import of coal was 261.00 Million Tonnes (MT) (comprising 58.12 MT Coking Coal and 202.88 MT Non-Coking Coal) as compared to 237.67 MT (comprising 56.05 MT Coking Coal and 181.62 MT Non-Coking Coal) in the corresponding period of 2022-23 showing a positive growth of 9.82%.

Import of Coal by different sectors for last three years and from April-March, 2024 are as given below:

### Coal Import

(QTY in Million Tonnes)

Years	Coking Coal	Power		Total Power	Non - Regulated Sector	Non - Coking	Total Import
		Imported Coal Based Plants	Blended Coal based plants				
2020-21	51.20	35.08	10.39	45.47	118.58	164.05	215.25
2021-22	57.12	18.89	8.11	27.00	124.51	151.50	208.63
2022-23	56.05	20.53	35.10	55.63	125.99	181.62	237.67
2023-24 (Provisional)	58.12	41.80	23.93	65.73	137.15	202.88	261.00
Growth %	3.69	103.59	-31.83	18.158	8.86	11.71	9.82

Source: DGCI & S, Kolkata

## 7. Lignite Production and Power Generation by NLCIL

NLC India Limited has a target of 26.50 MT for lignite & 12 MT for coal for 2023-24 against which, actual production of lignite is 23.61 MT & of coal is 12.64 MT upto March' 2024. Further NLCIL has a target of 26461.67 MU (including NTPL) for power generation for 2023-24 against which, actual power generation is 21643.87 MU upto March 2024 which are given in the table below:



Year	Lignite (in MT)	Coal (in MT)	Power Generation (NLCIL) (in MU)	Power Generation (NTPL) (in MU)
2019-20 (Actual)	24.86	--	21,922.98	4,844.40
2020-21 (Actual)	19.26	1.01	19,322.00	5,290.58
2021-22 (Actual)	25.11	6.36	25,022.36	4,182.46
2022-23 (Actual)	23.53	10.03	24,152.81	5,929.99
2023-24 (Provisional)	23.61	12.64	21,643.87	5,462.34

## 8. Output per Manshift - (Actual)

Year	Coal India Ltd.			Singareni Collieries Co. Ltd.		
	UG	OC	Overall	UG	OC	Overall
2017-18	0.86	13.15	7.44	1.08	13.73	4.89
2018-19	0.95	14.68	8.51	1.40	16.94	6.23
2019-20	0.99	14.25	8.53	1.44	16.57	6.37
2020-21	0.93	15.09	9.02	0.92	13.86	5.62
2021-22	0.97	15.46	9.56	1.19	15.15	6.09
2022-23	1.05	22.04	12.80	1.27	13.94	5.31
2023-24 (Provisional)	1.18	25.43	13.43	1.19	13.24	5.42

## 9. CAPITAL OUTLAY:

The Capital Expenditure (CAPEX) component of coal PSUs for FY 2024-25 is ₹ 24490 crores, to be provisioned from Internal and Extra Budgetary Resources (IEBR), as per the details given below:

(₹ in Crores)

Name of PSU	2022-23			2023-24			2024-25
	BE	RE	Expenditure	BE	RE	Expenditure (Prov.)	BE
CIL	16500	16500	18619.30	16500	16500	19849.20	19850
NLCIL	2920	2920	3307.8	2880	2880	4024.4	3040
SCCL	2000	1600	1473.20	1650	1650	1518.90	1600
<b>Total</b>	<b>21420</b>	<b>21020</b>	<b>23400.3</b>	<b>21030</b>	<b>21030</b>	<b>25392.5</b>	<b>24490</b>

**Plan Expenditure:**

Year	Capital Expenditure of SCCL (₹ Crs.)
2014-15 (BE)	3850.00
2014-15 (RE)	3760.00
2014-15 (Actual)	2809.00
2015-16 (BE)	2390.00
2015-16 (RE)	3550.00
2015-16 (Actual)	2820.22
2016-17 (BE)	2300.00
2016-17 (RE)	2300.00
2016-17 (Actual)	2013.55
2017-18 (BE)	1600.00
2017-18 (RE)	1400.00
2017-18 (Provl.)	1477.39
2018-19 (BE)	2000.00
2018-19 (RE)	1100.00
2018-19 (Actual)	1229.69
2019-20 (BE)	1850.00
2019-20 (RE)	1850.00
2019-20 (Actual)	2257.60
2020-21 (BE)	2300.00
2020-21 (RE)	1750.00
2020-21 (Actual)	1310.08
2021-22 (BE)	2500.00
2021-22 (RE)	2000.00
2021-22 (Actual)	1713.70
2022-23 (BE)	2000.00
2022-23 (RE)	1600.00
2022-23 (Actual)	1473.20
2023-24 (BE)	1650.00
2023-24 (RE)	1650.00
2023-24 (Actual)	1518.90

