

CHAPTER

6



COAL AND LIGNITE PRODUCTION

ANNUAL REPORT 2017-18

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Coal Demand

There has been a continuous increase in overall consumption of coal over the years. Consumption / actual supply of coal (including import) increased from 713.39 million tonnes in 2012-13 to 841.56 million tonnes in 2016-17. As per data provided by CCO, Demand for coal for 2017-18 was estimated at 908.40 million tonnes against which, actual supply of coal in 2017-18 (Apr-Dec. 2017) was 621.26 Mte. The sector wise breakup of actual supply of coal vis-à-vis the demand as estimated at the beginning of 2017-18 is given in the table:-

Supply of Coal in 2017-18

(Fig. in Million Tonne)

	Sector	2012-13 Actual	2013-14 Actual	2014-15 Actual	2015-16 Actual	2016-17 Actual (Prov.)	2017-18 Estimated Demand	2017-18 Actual April-Dec. (P)
I.	Coking Coal							
1	Steel / Coke Oven & Cokeries (Indigenous)	15.50	15.49	12.02	12.27	12.50	-	10.66
2	Steel (Import)	35.56	36.87	43.72	44.56	41.64	-	26.95
	Sub Total	51.06	52.36	55.74	56.83	54.14	63.17	37.61
II.	Non Coking Coal							
3	Power (Utilities)	387.77	394.53	435.44	483.12	496.57	622.96	384.88
4	Power (Captive)	59.00	54.42	62.26	34.65	30.68	90.34	23.865
5	Cement	22.38	21.02	11.36	8.99	6.43	22.32	5.017
6	Sponge Iron/ CDI	20.90	18.49	17.77	7.76	5.68	24.61	4.27
7	BRK & Others .including Fertilizer	172.27	198.52	239.57	245.37	248.05	85.00	165.62
	Sub Total	662.33	686.98	766.39	779.89	787.41	845.23	583.65
	Total Raw Coal	713.39	739.34	822.13	836.73	841.56	908.40	621.26
P= Provisional,		Source :Coal Controller Organisation						

Coal Supply

The demand for coal in 2017-18 was estimated to be 908.40 Million Tonnes, whereas the domestic availability was estimated at 730.10 Million Tonnes. The gap of 178.30 Mte was projected to be met through imports. During the year 2017-18, the actual domestic supply of coal was 505.14 Mte during Apr-Dec 2017. Of this the supply of coal from CIL, SCCL and Others including captive blocks was 421.36 Mte, 46.69 Mte and 37.08 Mte respectively.

The total import of Coal as per figures available (upto Oct. 2017), was placed at 116.12 Mte. Accordingly, the source wise break up of actual supply is presented for Apr-Dec 2017-18 in the following table along with figures for 2016-17.

Coal Supply and Demand				
(In million tonnes)				
Source	2016-17 Target/Estimate	2016-17 Actual(prov.)	2017-18 Target/Estimate	2017-18 Actual Apr-Dec 17 (P)
CIL	598.61	547.37	600.00	421.36
SCCL	58.00	59.39	62.00	46.69
Others	68.10	43.85	68.10	37.08
Total domestic supply	724.71	650.61	730.10	505.14
Demand projected / Actual supply (Domestic+ Import)	884.87	841.56	908.40	-
Import– Estimated / Actual	160.16	190.95	178.30	116.12 #
Note: Demand is assessed by the Planning Commission at the beginning of each Annual Plan whereas the supply figures are based on actual as realized by the end of the reporting period.				
# Import (116.12MT) April-October, 2017.				

Coal Production

The production of coal by the CIL during Apr.-Dec.2017 was 383.93 Mte in 2017-18 as against the annual target of 600 Mte. The SCCL produced 41.99 MTe of coal during 2017-18 against the annual target of 62 Mte. The company wise raw coal production target for 2017-18 and achievement is given in the table.

Company wise production of Coal						
(in million tonnes)						
Company	2014-15 (Actual)	2015-16 (Actual)	2016-17 (Actual)*	2017-18 Target	2017-18 Actual (Apr-Dec 17)*	2017-18 Estimated prov. Jan18 – March18
ECL	40.00	40.21	40.52	47.00	28.11	18.89
BCCL	34.51	35.86	37.04	40.50	21.96	18.54
CCL	55.65	61.32	67.05	70.50	37.30	33.20
NCL	72.48	80.22	84.10	89.00	67.45	21.55
WCL	41.15	44.82	45.63	48.50	27.75	20.75
SECL	128.28	137.93	145.33#	153.80	101.71	52.09
MCL	121.38	137.90	139.21	150.00	99.31	50.69
NEC	0.78	0.49	0.60	0.70	0.35	0.35
CIL	494.23	538.75	559.46	600.00	383.94	216.06
SCCL	52.54	60.38	59.53	62.00	41.99	20.01
Others	62.41	40.09	43.79	68.10	35.50	32.60
Total	609.18	639.23	662.79	730.10	461.42	268.68
*Provisional # Including Gare Palma IV/1,2&3 Block's						

Import

The total import of Coal during the period April - November, 2017 was estimated at 137.25 Mte.

Lignite Production and Power Generation

The Neyveli Lignite Corporation (NLC) had a target of 26.80 Mte of Lignite and 22000 MU of Power Generation for 2017-18 against which actual production of lignite was 16.43 Mte and 15277.55 MU of power generation during Apr-Dec 2017-18 and the provisional production of

Lignite and Power Generation for the period January 2018 to March 2018 is 9.45 Mte. and 5979.49 MU respectively. The details of which are given in the table.

Year	Lignite(MTe)	Power Generation (MU)
2014-15 (Actual)	26.54	19729.13
2015-16 (Actual)	25.45	19182.21
2016-17 (Actual)*	27.62	21033.10
2017-18 (BE)	26.80	22000.00
2017-18 (RE)	24.84	20500.00
2017-18 (Actual)* (Apr- Dec.17)	16.43	15277.55
2017-18 Jan 18 – March 18 (Estimated)	9.45	5979.49
2018-19 (BE)	24.69	20500.00
*Provisional.		

Output PerManshift (OMS)

(in million tonnes)

Year	Coal India Ltd.			Singareni Collieries Co. Ltd.		
	UG	OC	Overall	UG	OC	Overall
2012-13 (Actual)	0.77	11.48	5.32	1.13	11.87	3.94
2013-14 (Actual)	0.76	12.18	5.62	1.12	11.10	3.86
2014-15 (Actual)	0.79	13.13	6.20	1.10	12.18	4.21
2015-16 (Actual)	0.80	14.35	6.95	1.25	13.82	4.74
2016-17 (Actual)	0.80	15.26	7.53	1.17	13.85	4.74
2017-18 (BE)	0.95	12.88	7.57	1.52	14.00	5.29
2017-18 (RE)	0.95	12.88	7.57	1.52	14.00	5.29
2017-18 (Actual) (April-Dec.17)	0.81	14.06	7.17	1.05	11.87	4.28

Capital Outlay

The details of Capital outlay for the year 2015-16 (actual) and 2016-17 (actual) and 2017-18 BE and Anticipated are as under:

(Rs in Crore)

Name of PSU	2015-16 Actual	2016-17 Actual	2017-18 BE	2017-18 Anticipated
CIL	6123.03	7700.06	8500.00	8500.00

Plan Expenditure

Year	Capital Expenditure of CIL
2012-13 (BE)	4275.00
2012-13 (RE)	3900.00
2012-13 (Actual)	2915.23
2013-14 (BE)	5000.00
2013-14 (RE)	5000.00
2013-14 (Actual)	4029.60
2014-15 (BE)	5225.00
2014-15 (RE)	5225.00
2014-15 (Actual)	5173.49
2015-16 (BE)	5990.50
2015-16 (RE)	6600.00
2015-16 (Actual)	6123.03
2016-17 (BE)	7765.00
2016-17 (RE)	7765.00
2016-17 (Actual)	7700.06
2017-18 (BE)	8500.00
2017-18 (RE)	8500.00
2017-18 (Actual) (April-Dec. 2017)	3557.50
Jan.- March 2018 (anticipated)	4942.50