

CHAPTER

6



# COAL AND LIGNITE PRODUCTION

ANNUAL REPORT 2019-20



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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 836.93 million tonnes in 2016-17 to 968.03 million tonnes in 2018-19. As per data provided by CIL/CCO, Demand for coal for 2019-20 was estimated at 1000 million tonnes against which, actual supply of coal in 2019-20 upto December, 2019 (provisional) was 695.49 Mte. The sector wise breakup is given in the table:-

(in MT)

	Sector	2016-17 Actual	2017-18 Estimated	2017-18 Actual	2018-19 Estimated	2018-19 Actual (p)	2019-20 Estimated	2019-20 Upto Dec. 2019 (P)
<b>I.</b>	<b>Coking Coal</b>							
1	Steel / Coke Oven & Cookeries (Indigenous)	10.34	-	11.45	-	17.66	---	12.259
2	Steel (Import)	41.64	-	47.00	-	51.84	----	39.522
	<b>Sub Total</b>	<b>51.98</b>	<b>63.17</b>	<b>58.45</b>	<b>58.37</b>	<b>69.50</b>	<b>70.00</b>	<b>51.781</b>
<b>II.</b>	<b>Non Coking Coal</b>							
3	Power (Utilities)	490.99	622.96	519.58	<b>655.66</b>	546.17	682.00	379.088
4	Power (Captive)	44.06	90.34	65.91	<b>105.00</b>	91.78	102.00	63.702
5	Cement	6.35	22.32	7.71	<b>37.99</b>	8.82	42.00	6.120
6	Sponge Iron/ CDI	5.56	24.61	8.53	<b>41.33</b>	12.23	48.00	8.489
7	BRK & Others including Fertilizer	<b>88.68</b>	85.00	76.83	<b>93.00</b>	56.13	56.00	38.962
	<b>Sub Total</b>	<b>635.64</b>	<b>845.23</b>	<b>678.56</b>	<b>932.98</b>	<b>715.13</b>	<b>930.00</b>	<b>487.257</b>
8	Non coking coal Import	<b>149.31</b>	---	161.24	----	183.40	----	147.348
	<b>Total Raw Coal</b>	<b>836.93</b>	<b>908.40</b>	<b>898.25</b>	<b>991.35</b>	<b>968.03</b>	<b>1000.00</b>	<b>695.491</b>
P= Provisional,		Source :Coal Controller Organisation						

## Coal Supply

As per CIL/CCO, the demand for coal for 2019-20, was estimated to be 1000 Million Tonnes, whereas the indigenous availability was estimated at 811 Million Tonnes. The gap of 189 Mte was projected to be met through imports. During the year 2019-20 upto Dec. 19, the actual indigenous supply of coal was 508.62 Mte (provisional). Of this the supply of coal from CIL, SCCL and Others including captive blocks was 417.08 Mte, 46.35 Mte and 45.19 Mte respectively.

The total import of Coal as per figures available (upto October, 2019), was placed at 186.87 MT provisional. Accordingly, the source wise break up of actual supply for 2019-20 is given in the following table along with figures for 2016-17 to 2018-19.

### Coal Supply and Demand

(In million tonnes)

Source	2016-17 Actual	2017-18 Target	2017-18 Actual	2018-19 Target	2018-19 Actual (P)	2019-20 Target	2019-20 Actual upto Dec 19*	
CIL	542.98	600.00	580.01	610.00	607.95	660.00	417.08	
SCCL	60.79	62.00	64.62	67.00	67.67	68.00	46.35	
Others	42.21	68.10	45.37	55.00	57.17	83.00	45.19	
<b>Total indigenous supply</b>	<b>645.98</b>	<b>730.10</b>	<b>690.00</b>	<b>732.00</b>	<b>732.79</b>	<b>811.00</b>	<b>508.62</b>	
<b>Demand projected / Actual supply (Domestic+ Import)</b>	836.93	908.40	898.27	991.35	968.03	1000.00	695.49	
<b>Import– Estimated / Actual</b>	190.95	178.30	208.27	259.35	235.24	189.00	186.87	
P – Provisional	*Up to December, 2019							

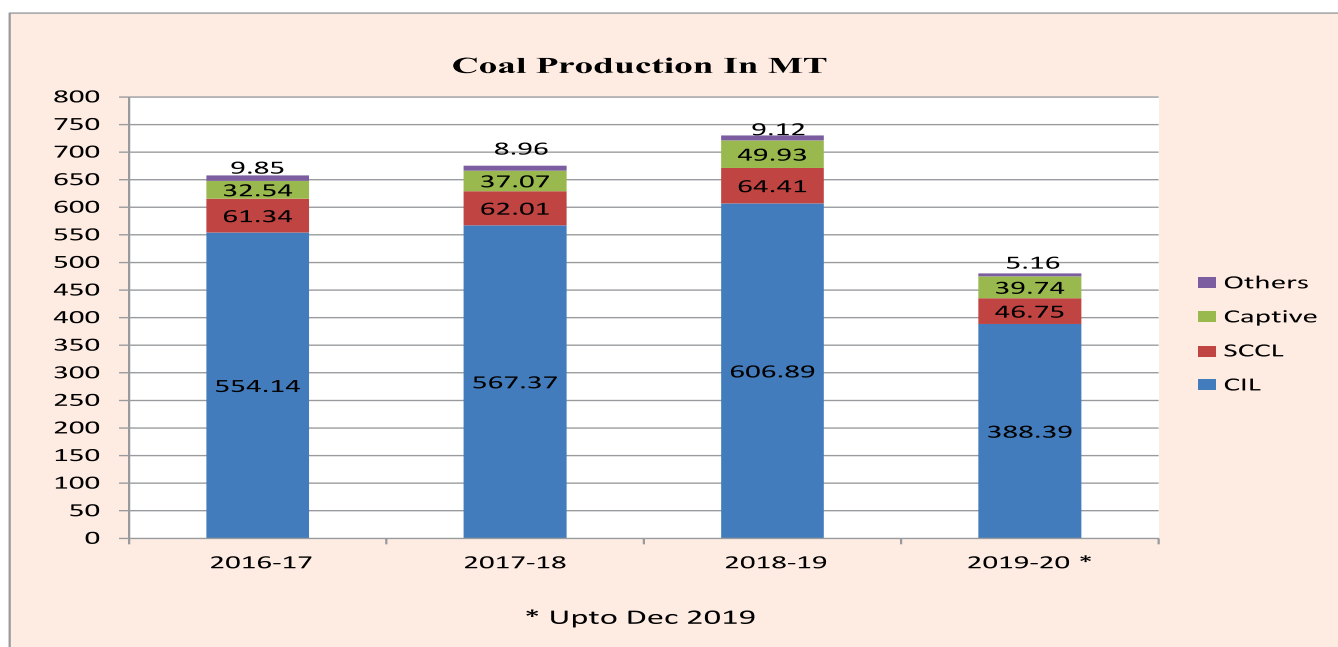
### Coal Production

In 2019-20, the production of coal by the CIL (April-Dec.19) was 388.39 Mte.as against the annual target of 660 Mte. The SCCL produced 46.75 Mte of coal during 2019-20 against the annual target of 67 Mte. during this period. The company wise raw coal production target for 2019-20 and achievement is given in the table.

### Company wise production of Coal

( in million tonnes)

Company	2016-17 Actual	2017-18 Actual	2018-19 Target	2018-19 Actual *	2019-20 Target	2019-20 Actual Upto Dec.19	Ach. (%)	2019-20 Estimated production Jan 20 to March 20
ECL	40.52	43.57	46.76	50.16	53.50	33.33	62.30	20.17
BCCL	37.04	32.60	38.00	31.04	36.00	18.66	51.83	17.34
CCL	67.05	63.40	68.70	68.72	77.00	39.17	50.88	37.83
NCL	84.09	93.02	95.00	101.50	106.25	79.59	74.90	26.66
WCL	45.63	46.22	49.70	53.18	56.00	33.06	59.04	22.94
SECL#	140.00	144.71	159.50	157.35	170.50	95.15	55.81	75.35
MCL	139.21	143.06	151.50	144.15	160.00	89.22	55.76	70.78
NEC	0.60	0.78	0.84	0.78	0.75	0.21	27.87	0.54
CIL	554.14	567.37	610.00	606.89	660.00	388.39	58.85	271.61
SCCL	61.34	62.01	65.00	64.41	67.00	46.75	69.77	20.25
Captive	32.54	37.07	40.00	49.93	73.00	39.74	66.57	33.26
Others	9.85	8.96	15.00	9.12	10.00	5.16	51.60	4.84
<b>Total</b>	<b>657.87</b>	<b>675.40</b>	<b>730.00</b>	<b>730.35</b>	<b>810.00</b>	<b>480.04</b>	<b>59.26</b>	<b>329.96</b>
*Provisional # Including Gare Palma IV/1,2&3 Block's								



### Import

The total import of coal during the period April 2019- December, 2019 was estimated 186.87 Mte.

### Lignite Production and Power Generation

The Neyveli Lignite Corporation (NLC) had a target of 25.56 Mte of Lignite and 235000 MU of Power Generation for 2019-20 against which actual production (April – Dec. 2019) of lignite was 17.01 Mte and 15801.60 MU of power generations (provisional) for the year 2019-20 and the projected production of Lignite and Power Generation for the period January 2020 to March 2020 is 8.55 Mte and 7698.40 MU respectively. The details of which are given in the table:

Year	Lignite (MTe)	Power Generation (MU)
2017-18 (BE)	26.80	22000.00
2017-18 (RE)	24.84	20500.00
2017-18 (Actual)	25.15	20740.84
2018-19 (BE)	24.69	20500.00
2018-19 (RE)	25.93	21251.00
2018-19 (Actual )	24.25	20676.18
2019-20 (BE)	25.56	23500.00
2019-20 (RE)	24.52	23062.00
2019-20 (Actual)* Upto Dec. 2019	17.01	15801.60
2019-20 (Estimated) Jan. 20 to March 20	8.55	7698.40
*Provisional.		

Output Per Manshift (OMS)

( in million tonnes)

Year	Coal India Ltd.			Singareni Collieries Co. Ltd.		
	UG	OC	Overall	UG	OC	Overall
2017-18 (BE)	0.95	12.88	7.57	1.52	14.00	5.29
2017-18 (RE)	0.95	12.88	7.57	1.36	13.74	4.79
2017-18 (Actual)	0.86	14.10	7.71	1.08	13.73	4.89
2018-19 (BE)	0.90	15.11	8.33	1.48	15.70	5.75
2018-19 (RE)	0.94	15.11	8.33	1.41	16.80	6.08
2018-19 (Actual)	0.95	14.68	8.51	1.40	16.94	6.23
2019-20 (BE)	1.01	15.28	9.08	1.46	16.50	6.48
2019-20 (RE)	--	--	--	--	--	--
2019-20 (Actual)*	0.95	12.57	7.32	1.45	15.80	6.14

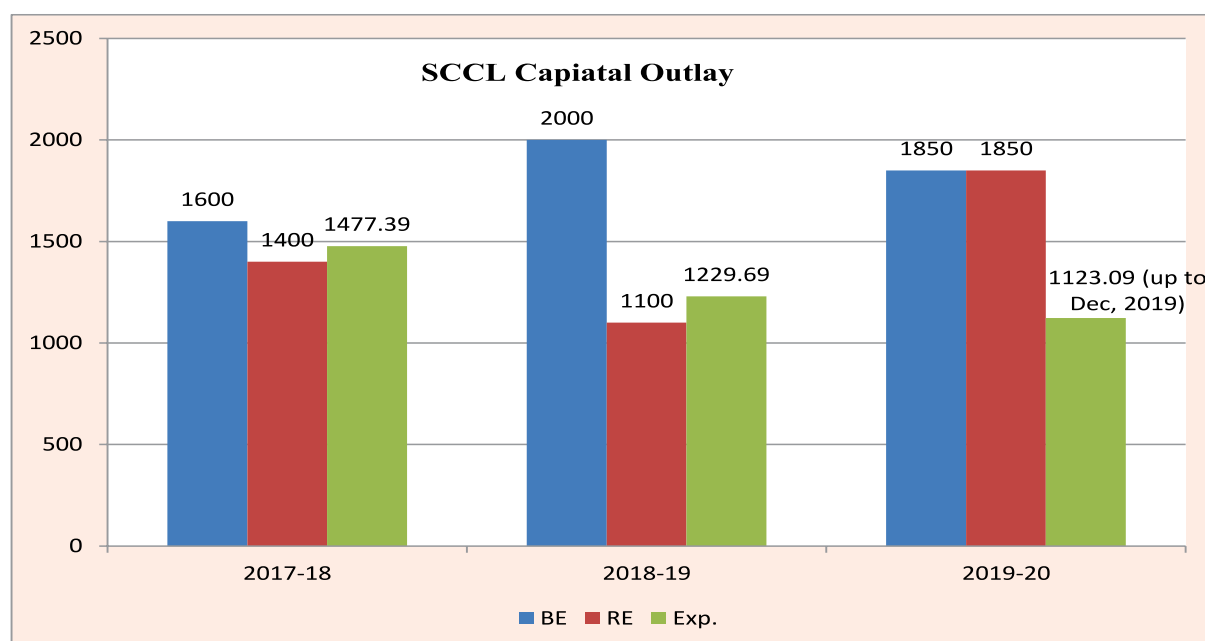
\*Upto December, 2019

Capital Outlay:

(₹ in Crores)

Schemes	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2019-20	2019-20
	Actual	Actual	Actual	Actual	Actual	BE	RE	Actual*
SCCL	2809.00	2820.22	2013.55	1477.39	1100.00	1850.00	1850.00	1123.09

\* Upto Dec 2019



**Plan Expenditure:**

Year	Capital Expenditure of SCCL (₹ Crs.)
2014-15 (BE)	3850.00
2014-15 (RE)	3760.00
2014-15 (Actual)	<b>2809.00</b>
2015-16 (BE)	2390.00
2015-16 (RE)	3550.00
2015-16 (Actual)	<b>2820.22</b>
2016-17 (BE)	2300.00
2016-17 (RE)	2300.00
2016-17 (Actual)	<b>2013.55</b>
2017-18 (BE)	1600.00
2017-18 (RE)	1400.00
2017-18 (Provl.)	<b>1477.39</b>
2018-19 (BE)	2000.00
2018-19 (RE)	1100.00
2018-19 (Actual)	<b>1229.69</b>
2019-20 (BE)	1850.00
2019-20 (RE)	1850.00
2019-20 (Actual up to Dec, 2019)	<b>1123.09</b>

