

**GOVERNMENT OF INDIA
MINISTRY OF COAL
LOK SABHA
UNSTARRED QUESTION NO.1428
TO BE ANSWERED ON 28.07.2021**

Coal Production and Import

**1428. SHRI SUNIL BABURAO MENDHE:
SHRIMATI QUEEN OJA:
MS. RAMYA HARIDAS:
SHRI JANARDAN SINGH SIGRIWAL:
SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:
SHRIMATI MALA RAJYA LAXMI SHAH:**

Will the Minister of Coal be pleased to state:

- (a) the details of production and consumption of coal in the country during each of the last three years;
- (b) whether a major portion of coal consumption of the country is imported;
- (c) if so, the amount of coal imported during each of the last three years, country-wise and details of the forex outflow;
- (d) whether the Government has laid emphasis on reducing this import and resorting to other alternative measures for energy production and if so, the details thereof;
- (e) the details of efforts made to increase coal production and exploring new areas in the country itself so as to meet the current demand by producing coal in the country and protect the capital of the country by reducing import;
- (f) the total employment generated by coal mining across the country in the last two years, State-wise; and
- (g) the other steps taken by the Government to boost domestic coal production in the country?

ANSWER

MINISTER OF PARLIAMENTARY AFFAIRS, COAL AND MINES

(SHRI PRALHAD JOSHI)

(a) & (b): The details of coal consumption, coal production in the country & coal Import during 2018-19 to 2020-21 are as given below:

(Figure in Million Tonnes(MT))

Year	Consumption	Coal Produced	Coal imported
2018-19	968.36	728.72	235.35
2019-20	955.92	730.87	248.54
2020-21 (Provisional)	906.08	716.08	214.99

(c): The Country –wise import of Coal along with value last three years is given **Annexure**

(d) & (e): The focus of the Government is on increasing domestic production of coal through allocation of more coal blocks, pursuing with State Government for assistance in land acquisition and coordinated efforts with Railways for movement of coal. The following steps have been taken to reduce the import of coal:

1. An Inter - Ministerial Committee (IMC) has been constituted in the Ministry of Coal for the purpose of coal import substitution. The representatives from Ministry of Power, Ministry of Railways, Ministry of Shipping, Ministry of Commerce, Ministry of Steel, Ministry of Micro, Small & Medium Enterprises (MSME), Department for Promotion of Industry & Internal Trade (DPIIT), Central Electricity Authority (CEA), Coal Companies and Ports are members of this IMC. This Committee provides a platform for discussions on a larger forum with the Administrative Ministries so as to guide them to encourage the coal consumers of their respective sector to eliminate imports of coal. On the directions of the IMC, an Import Data System has been developed by Ministry of Coal to enable the Ministry to track the imports of coal.

2. The Annual Contracted Quantity (ACQ) of power plants has been increased upto 100% of the normative requirement, in the cases where the ACQ was reduced to 90% of normative requirement (non-coastal) or where the ACQ was reduced to 70% of normative requirement (coastal power plants). The increase in ACQ would ensure supply of more domestic coal to the power plants.

3. In addition to the above, some other measures like Introduction of Facility of Usance LC (Letter of Credit) payment mechanism to help the consumer avail credit facility from bank, Special Spot auction scheme for the coal importers including the traders, have been introduced to help in curtailing the imports of coal. With the concerted efforts of various stakeholders, the import of coal for blending purposes by the domestic coal based power plants in the country has reduced by about 56%, from 23.8 MT during 2019-20 to 10.4 MT during 2020-21

The following action has also been taken by Government to enhance the production of the coal in the country which is given below:

i. Launch of Commercial Auction: Auction of commercial mining on revenue sharing mechanism from 5 coal bearing states (Jharkhand, Madhya Pradesh, Maharashtra, Odisha and Chhattisgarh) was launched on 18.06.2020. During this round of auction, 20 coal mines with aggregate peak capacity of 59 MTPA were successfully auctioned. Second Tranche of auction for commercial mining was launched by Ministry of Coal on 25.03.2021. In the second Tranche, a total of 67 coal mines/blocks were offered. Further to cater to the demand of the coking coal consumers, 6 coking coal mines have been put on offer. The cumulative PRC for the fully explored mines on offer has been estimated at 150 MTPA.

ii. Concept of Rolling Auction: In order to expedite the process for conducting auction and to carry out more rounds of auction in a year, a mechanism of rolling auctions of coal mines has been planned. Under this mechanism, upon completion of the electronic auction process of a tranche (i.e. approximately 3-4 months from the launch of auction process), the next tranche of auction would be launched for following mines:

a. Mines where no bid or only single bid was received in the previous tranche of auction (except for those mines where Ministry of Coal decides to go for second attempt of auction)

b. New mines, if any, identified by Ministry of Coal

iii. Engagement of PMU: Project Management Unit (PMU) has been engaged by Ministry of Coal for handholding of coal block allottees for obtaining various approvals /clearances for early operationalisation of coal mines allocated under CMSP Act, 2015.

iv. Launch of Single Window Clearance: The Union government has launched Single Window Clearance portal for the coal sector to speed up the operationalisation of coal mines. It is an unified platform that facilitates grant of clearances and approvals required for starting a coal mine in India.

v. The MMDR Act has been amended in March, 2021 which, inter alia, allows all captive mines to sell up to 50% of the minerals produced during the year after meeting the requirement of attached plant.

vi. CIL has taken the following steps to achieve the target of augmentation of coal production capacity:

1. Implementing on-going projects in time bound manner to achieve targeted production as per schedule.
2. Introduction of Surface Miners in Open Cast (OC) mines to improve operational efficiency and cater to environmental needs.
3. Introduction of Mass Production Technology in underground coal mines.
4. 15 Projects identified with a Capacity of about 160 MTPA (Million Tonnes per Annum) to be operated by Mine Developer cum Operator mode.
5. Capacity addition through special dispensation in Environment Clearance under clause 7(ii) of Environmental Impact Assessment (EIA) 2006
6. CIL has taken steps to upgrade the mechanized coal transportation and loading system under 'First Mile Connectivity' projects.

The new areas are explored by Promotional (Regional) Exploration scheme of Ministry of Coal, Govt. of India. The new coal reserves established by Central Mine Planning and Design Institute CMPDI in the course of regional exploration in the last five years in the country is 15160 MT. The year wise breakup is as mentioned below.

Resource estimated in Promotional (Regional) Exploration during Last 5 years:

Year	Resource Estimated (in MT)
2016-17	1040
2017-18	890
2018-19	2150
2019-20	9750
2020-21	1330
Total	15160

Coal India Ltd. has envisaged a coal production programme of one Billion Tonne from CIL mines by the year 2023-24. This will help in reducing imports and will also protect the capital of the country.

As an alternate source of energy, the Government has set a target for installing 175 GW of Renewable Energy capacity (excluding large hydro) by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from Biomass and 5 GW

from Small Hydro. A cumulative renewable energy capacity of 96.95 GW of has so far been achieved in the country up to 30 June 2021.

(f) : State-wise total employment generated in CIL subsidiaries and Singareni Collieries Company Limited (SCCL) in the last two years are as follows:

State	Company	Total employment generated	
		19-20	20-21
Jharkhand & West Bengal	ECL	750	830
Jharkhand	BCCL	428	284
	CCL	893	465
	CMPDIL	16	36
Odisha	MCL	531	756
Madhya Pradesh & Uttar Pradesh	NCL	855	301
Chhattisgarh, Madhya Pradesh & West Bengal	SECL	600	508
Maharashtra & Madhya Pradesh	WCL	1038	1052
Assam & Meghalaya	NEC	0	0
West Bengal	CIL, Kolkata	2	4
Total		5113	4236

SCCL provided employment to 4462 persons during the last two financial years including the dependent / compassionate employment in Telangana State.

(g): The other steps taken by the Government to boost domestic coal production in the country has been given at part (d) & (e) above.

Annexure**Source Country Wise Import of Coal, Coke and Lignite to India during 2020-21**

(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
Australia	37.03592	330966.12	17.91685	96819.95	54.95278	427786.07	0.02152	226.07		
Austria	0.07680	660.80	0.17791	796.87	0.25471	1457.67				
Baharain Is			0.00118	16.51	0.00118	16.51	0.00055	4.85		
Bangladesh Pr			0.02465	214.83	0.02465	214.83				
Belgium			0.00100	2.09	0.00100	2.09				
Canada	2.85008	26276.88	0.11327	939.38	2.96335	27216.26	0.00045	7.24		
Chile					0.00000	0.00	0.01136	196.03		
China P Rp			0.02549	753.14	0.02549	753.14	0.01501	371.42	0.01886	409.10
Colombia			2.35030	11691.79	2.35030	11691.79	0.51179	8257.62		
Cyprus			0.00126	15.30	0.00126	15.30				
Denmark					0.00000	0.00	0.00136	22.89		
Egypt A Rp					0.00000	0.00	0.00500	115.30		
Estonia					0.00000	0.00	0.00032	6.64		
Germany	0.10200	1297.39	0.00307	10.57	0.10507	1307.96	0.00040	7.86		
Ghana					0.00000	0.00				0.01
Hong Kong			0.00055	12.05	0.00055	12.05	0.00006	2.25		
Indonesia	1.39758	10258.50	91.13700	330906.99	92.53458	341165.48	0.13466	2874.20		
Iran					0.00000	0.00	0.00061	10.01		
Ireland					0.00000	0.00	0.00018	2.71		
Italy					0.00000	0.00	0.00003	0.95		
Japan					0.00000	0.00	0.39656	7423.31		
Kazakhstan			0.16256	806.59	0.16256	806.59				
Latvia			0.02980	260.82	0.02980	260.82	0.00347	71.45		
Lithuania					0.00000	0.00	0.00562	133.61		
Mozambique	1.66873	14253.59	1.90079	9175.35	3.56952	23428.94				
Netherland			0.06109	370.95	0.06109	370.95				
New Zealand	0.22451	1880.48	0.00164	29.44	0.22615	1909.93	0.00029	5.14		
Philippines			0.05000	167.09	0.05000	167.09				
Poland					0.00000	0.00	0.95664	18428.45		
Qatar					0.00000	0.00	0.00248	15.11		
Russia	1.32849	8932.85	5.42090	36626.42	6.74940	45559.27	0.11924	2234.74		
Saudi Arab			0.07365	314.44	0.07365	314.44				
Singapore	1.86032	16214.61	2.62558	12333.95	4.48590	28548.56	0.05188	764.79		
South Africa			31.14339	142954.61	31.14339	142954.61				
Spain			0.19026	1190.31	0.19026	1190.31	0.00010	3.23		
Switzerland	0.45996	4137.92	1.50823	7322.44	1.96819	11460.36	0.21214	3425.26		
U Arab Emts	0.38822	2998.37	0.43703	1949.11	0.82526	4947.48	0.00466	77.79		
U K	0.00079	24.14	0.01125	86.59	0.01203	110.73	0.00015	5.58		
U S A	3.89487	36453.16	8.30863	49781.40	12.20350	86234.56	0.00000	-17.05	0.00000	0.14
Venezuela					0.00000	0.00	0.00078	11.13		
Vietnam Soc Rep			0.02931	468.24	0.02931	468.24				
Unspecified					0.00000	0.00				
Total	51.28828	454354.82	163.70662	706017.21	214.99491	1160372.03	2.45729	44688.59	0.01886	409.24

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
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 COUNTRY-WISE IMPORT OF COAL, COKE AND LIGNITE TO INDIA DURING 2018-19

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

Country	Coking Coal		Non Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Australia	36.93069	516773.79	11.23570	98650.71	48.16639	615424.50	0.43727	11635.83		
Austria	0.08165	920.35			0.08165	920.35				
Bangladesh PR	0.00000	0.01	0.02897	237.85	0.02897	237.86				
Belgium			0.00288	46.65	0.00288	46.65				
Bhutan	0.00010	0.73	0.00786	57.32	0.00796	58.05				
Canada	4.29391	62142.89	0.16440	2067.98	4.45831	64210.87	0.00002	0.48		
Chile			0.25353	910.61	0.25353	910.61				
China PRP			0.05115	1705.40	0.05115	1705.40	1.90515	47100.75	0.00608	94.08
Colombia	0.01154	148.75	0.49704	3190.34	0.50858	3339.09	0.47338	10248.96		
Cyprus			0.00028	3.53	0.00028	3.53	0.00741	137.51		
Denmark					0.00000	0.00	0.00466	74.81		
Egypt ARP					0.00000	0.00	0.13818	3292.81		
Estonia					0.00000	0.00	0.00009	1.67		
Finland			0.18999	1926.37	0.18999	1926.37				
Germany			0.00003	1.49	0.00003	1.49	0.00015	3.36		
Hong Kong			0.18138	811.52	0.18138	811.52	0.02727	409.84	0.00205	35.06
Indonesia	1.16669	14051.94	111.71446	490276.25	112.88115	504328.18	0.02508	370.93		
Iran	0.00002	0.24	0.00010	0.76	0.00012	1.00	0.03786	752.85		
Ireland					0.00000	0.00	0.00010	1.54		
Italy					0.00000	0.00	0.03597	923.87	0.01120	272.92
Japan					0.00000	0.00	0.31539	8048.40		
Kazakhstan			0.00005	0.12	0.00005	0.12				
Kenya					0.00000	0.00		0.02		
Korea RP			0.07700	276.18	0.07700	276.18	0.01536	426.70		
Latvia			0.40083	4209.32	0.40083	4209.32	0.00070	12.51		
Lithuania					0.00000	0.00	0.00113	22.94		
Malaysia			0.10848	473.04	0.10848	473.04	0.01008	111.91		
Malta			0.07596	459.70	0.07596	459.70				
Mexico					0.00000	0.00	0.03080	610.19		
Morocco			0.02000	91.13	0.02000	91.13				
Mozambique	2.23918	28217.57	4.85300	31792.45	7.09218	60010.02		0.55		
Netherland			0.01000	95.24	0.01000	95.24	0.03650	1007.16		
New Zealand	0.44722	5617.67	0.05190	271.19	0.49912	5888.86		0.00		
Oman					0.00000	0.00	0.01500	258.21		
Philippines			0.07510	347.79	0.07510	347.79				
Poland					0.00000	0.00	0.80071	21481.61		
Qatar					0.00000	0.00	0.00002	0.13		
Romania			0.02928	399.14	0.02928	399.14				
Russia	0.54477	6043.21	4.37610	41338.48	4.92087	47381.69	0.25092	6116.66		
Saudi Arab			0.03483	203.92	0.03483	203.92				
Singapore	1.50739	20819.05	4.14873	24552.57	5.65612	45371.62	0.15843	3575.83		
South Africa			31.15255	189505.47	31.15255	189505.47		0.01		
Spain			0.00076	16.73	0.00076	16.73	0.00008	2.35		
Sri Lanka DSR					0.00000	0.00	0.00012	6.11		
Switzerland	0.04196	441.77	1.78338	8907.97	1.82534	9349.75	0.11550	2351.71		
Thailand				0.05	0.00000	0.05				
Turkey					0.00000	0.00	0.03025	620.81		
U Arab Emts	0.43755	6347.22	1.02654	5803.25	1.46409	12150.48	0.04999	971.61		
U K	0.00127	35.33	0.00191	58.54	0.00318	93.88	0.00018	6.67		
U S A	4.13374	58937.11	10.84179	78523.04	14.97553	137460.15	0.00672	51.76	0.00004	1.37
Uzbekistan				0.00	0.00000	0.00				

Venezuela					0.00000	0.00	0.00047	5.83		
Vietnam SOC REP			0.10311	1472.66	0.10311	1472.66				
Unspecified			0.01128	22.46	0.01128	22.46				
TOTAL	51.83768	720497.64	183.51033	988707.26	235.34801	1709204.90	4.93094	120644.85	0.01937	403.43