

**GOVERNMENT OF INDIA
MINISTRY OF COAL
LOK SABHA
UNSTARRED QUESTION NO.3428
TO BE ANSWERED ON 23.03.2022**

Bidding of Coal Mines

3428. SHRI GUMAN SINGH DAMOR :

Will the Minister of *COAL* be pleased to state:

- (a) details of bidding process of coal mines;
- (b) the share of coal in power generation in the country, State/UT-wise;
- (c) the extent of environment loss caused by power generation from coal; and
- (d) the details of the measures taken by the Government to save the environment?

ANSWER

**MINISTER OF COAL, MINES & PARLIAMENTARY AFFAIRS
(SHRI PRALHAD JOSHI)**

(a) Government of India has adopted a fair and transparent process for auction of coal blocks in the country. Auction process is being conducted through an online platform provided by Metal Scrap Trade Corporation Limited (MSTC), a Public Sector Undertaking under the Ministry of Steel. Coal block auctions are conducted in two-stage online bidding process, which involves technical screening and submission of competitive initial offer in the first stage and in second stage better offers are intended to be received. Also, all the bidders who want to participate in the auction can bid for any of the coal mine as per their requirement and analysis and the latest final offer quoted by the last bidder is visible to all so that all the bidders are able to see the current and final bid for the coal mine.

(b) The share of coal in power generation in the country, state-wise, is enclosed as **Annexure**.

(c) & (d) Ministry of Environment, Forest and Climate Change while granting prior Environment Clearance under the provisions of Environment Impact Assessment (EIA) Notification, 2006, considers various environmental and social aspects related to coal based thermal power projects such as impacts on the air, water and soil quality, fly ash generation and its management, displacement of population etc. The EIA Notification, 2006, as amended prescribes preparation of Environment Impact Assessment (EIA) Report & Environment Management Plan (EMP) by the project authorities through accredited EIA consultants after collection of baseline data about air quality, water quality, soil quality and socio-economic status of local population. After assessment and prediction of possible impact of project based on baseline data and scientific deliberation by the Expert Appraisal Committee (EAC), the coal based thermal power projects are granted Environmental Clearance subject to compliance of

suitable site specific environmental safeguard conditions considering nearby habitation/villages and other features of environment sensitivity so as to minimize the possible environmental concerns associated with such projects. The projects which are not liable to obtain prior environmental clearance under the provisions of the EIA Notification, 2006 as amended, are regulated through grant of Consent to Establish and Consent to Operate by respective State Pollution Control Boards. The compliance of environmental safeguard conditions/norms are regularly monitored by the Regional Offices of the MoEF&CC and respective State Pollution Control Boards. Apart from the above, the MoEF&CC has issued specified norms for environmental pollutants like SO_x, NO_x, Mercury (Hg) and Particulate matter (PM) in case of coal based thermal power plants for compliance by individual project.

ANNEXURE

State wise and fuel wise Generation during last year and current year (up to Jan- 2022)				
State	Fuel	Monitored Capacity as on 31.01.2022 MW	Generation (in MUs)	
			2021-22 (upto-Jan, 22)	2020-21
DELHI	COAL			0
	NATURAL GAS	2208.4	4256.9	5304.01
DELHI Total		2208.4	4256.9	5304.01
HARYANA	COAL	5330	18506.78	13994.58
	NATURAL GAS	431.59	120.3	901.8
HARYANA Total		5761.59	18627.08	14896.38
HIMACHAL PRADESH	HYDRO	10065.02	33314.73	37473.47
HIMACHAL PRADESH Total		10065.02	33314.73	37473.47
JAMMU AND KASHMIR	HIGH SPEED DIESEL	175	0	0
	HYDRO	3360	15132.88	17002.68
JAMMU AND KASHMIR Total		3535	15132.88	17002.68
LADAKH	HYDRO	89	375.87	376.21
LADAKH Total		89	375.87	376.21
PUNJAB	COAL	5680	19394.96	17994.79
	HYDRO	1096.3	3167.32	4747.03
PUNJAB Total		6776.3	22562.28	22741.82
RAJASTHAN	COAL	8900	32138.9	36738.05
	HYDRO	411	304.72	469.63
	LIGNITE	1580	7268.31	8478.53
	NATURAL GAS	1023.13	1353.3	1018.69
	NUCLEAR	1180	6820.03	7386.05
RAJASTHAN Total		13094.13	47885.26	54090.95
UTTAR PRADESH	COAL	24389	108418.55	119592.96
	HYDRO	501.6	1171.97	1572.35
	LIGNITE	0	0	
	NATURAL GAS	1493.14	1088.24	2470.75
	NUCLEAR	440	2966.61	3284.81
UTTAR PRADESH Total		26823.74	113645.37	126920.87
UTTARAKHAND	HYDRO	3855.35	12642.82	13592.49
	NATURAL GAS	450	1012.32	721.97

UTTARAKHAND				
Total		4305.35	13655.14	14314.46
		72658.53	269455.51	293120.85
CHHATTISGARH	COAL	23688	115710.47	134614.5
	HYDRO	120	349.97	419.19
CHHATTISGARH				
Total		23808	116060.44	135033.69
GOA	NAPTHA	48	0	0
GOA Total		48	0	0
GUJARAT	COAL	14692	36827.88	71637.55
	HYDRO	1990	2283.93	4233.36
	LIGNITE	1400	4650.91	5421.24
	NATURAL GAS	7551.41	7042.04	18877.21
	NUCLEAR	440	2859.51	3712.96
GUJARAT Total		26073.41	53664.27	103882.32
MADHYA PRADESH	COAL	21950	105561.58	123089.78
	HYDRO	2235	3893.84	6477.33
MADHYA PRADESH				
Total		24185	109455.42	129567.11
MAHARASHTRA	COAL	23856	95327.01	98173.83
	HYDRO	3047	4766.54	5548.46
	NATURAL GAS	3207.08	5134.26	5963.43
	NUCLEAR	1400	7345.74	7886.62
MAHARASHTRA				
Total		31510.08	112573.55	117572.34
		105624.49	391753.68	486055.46
ANDHRA PRADESH	COAL	11590	42811.34	46145.71
	DIESEL	36.8	0	0
	HYDRO	1610	2738.7	3280.12
	NATURAL GAS	4898.544	1855.07	3323.24
ANDHRA PRADESH				
Total		18135.344	47405.11	52749.07
KARNATAKA	COAL	9480	23597.82	19861.24
	DIESEL	25.2	0	0
	HYDRO	3689.2	11130.4	12587.35
	NATURAL GAS	0	0	0
	NUCLEAR	880	6212.04	7093.92
KARNATAKA Total		14074.4	40940.26	39542.51
KERALA	DIESEL	159.96	0	7.83
	HYDRO	1856.5	7954.6	6628.39
	NAPTHA	533.58	0	101.41

KERALA Total		2550.04	7954.6	6737.63
PUDUCHERRY	NATURAL GAS	32.5	212.33	232.15
PUDUCHERRY Total		32.5	212.33	232.15
TAMIL NADU	COAL	10045	30732.93	32329.41
	DIESEL	211.701	0	0
	HYDRO	2178.2	4482.43	5212.71
	LIGNITE	3640	18793.46	16605.91
	NAPHTHA	120	0	0
	NATURAL GAS	897.18	1437.84	2264.73
	NUCLEAR	2440	12690.17	13664.72
TAMIL NADU Total		19532.081	68136.83	70077.48
TELANGANA	COAL	7842.5	42075.19	44760.76
	HYDRO	2405.6	5358.66	3645.38
TELANGANA Total		10248.1	47433.85	48406.14
		64572.465	212082.98	217744.98
ANDAMAN NICOBAR	DIESEL	40.048	94.04	118.48
ANDAMAN NICOBAR Total		40.048	94.04	118.48
BIHAR	COAL	7960	35368.24	33866.14
BIHAR Total		7960	35368.24	33866.14
JHARKHAND	COAL	4250	23341.31	27219.97
	HYDRO	210	514.51	223.09
JHARKHAND Total		4460	23855.82	27443.06
ODISHA	COAL	9540	49286.47	55206.47
	HYDRO	2154.55	4554.26	6859.97
ODISHA Total		11694.55	53840.73	62066.44
SIKKIM	HYDRO	2282	10780.65	10879.5
SIKKIM Total		2282	10780.65	10879.5
WEST BENGAL	COAL	14177	68287.09	72735.07
	HIGH SPEED DIESEL	80	0	0
	HYDRO	1341.2	2853.84	3212.28
WEST BENGAL Total		15598.2	71140.93	75947.35
		42034.798	195080.41	210320.97
ARUNACHAL PRADESH	HYDRO	1115	3784.09	3451.34
ARUNACHAL PRADESH Total		1115	3784.09	3451.34
ASSAM	COAL	750	3392.27	2976.74
	HYDRO	350	652.71	270.87
	MULTI FUEL			

	NATURAL GAS	620.355	2726.62	2721.4
ASSAM Total		1720.355	6771.6	5969.01
MANIPUR	DIESEL	36	0	0
	HYDRO	105	414.09	621.62
MANIPUR Total		141	414.09	621.62
MEGHALAYA	HYDRO	322	779.82	1151.99
MEGHALAYA Total		322	779.82	1151.99
MIZORAM	HYDRO	60	113.19	158.85
MIZORAM Total		60	113.19	158.85
NAGALAND	HYDRO	75	93.52	203.86
NAGALAND Total		75	93.52	203.86
TRIPURA	NATURAL GAS	1099.6	5197.09	7043.21
TRIPURA Total		1099.6	5197.09	7043.21
		4532.955	17153.4	18599.88
Bhutan (IMP)	HYDRO	0	7291.8	8765.5
Bhutan (IMP) Total		0	7291.8	8765.5
		0	7291.8	8765.5
Grand Total		289423.238	1092817.78	1234607.64
