

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3083
ANSWERED ON 04.08.2022**

REQUIREMENT OF COAL AND GAS FOR POWER PROJECTS

†3083. SHRI ASHOK KUMAR RAWAT:

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

- (a) the total requirement of coal and gas for each power project during the last three years and the current year, State-wise;
- (b) the quantum of coal and gas supplied during the said period, year-wise;
- (c) whether the supply of coal and gas has decreased and if so, the details thereof; and
- (d) the steps taken or proposed to be taken by the Government to meet this demand?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : The total requirement and supply of coal during the last three years and the current year (April – June, 2022) in the thermal power plants (coal based) in the country are as under:

Coal (Million Tonnes)			
Year	Projected Requirement	Supply	Consumption
2019-20	698.2	638.7	622.2
2020-21	690.2	596.3	615.4
2021-22	723.2	694.6	697.3
2022-23 (Apr-June)	201.2	205.5	205.4

The details of State-wise requirement, receipt and consumption of coal, during the last three years and the current year (Apr-Jun, 2022) at Annexure-I.

The requirement of gas in gas based power plants (@ 85% PLF, assuming GCV of 9500 kcal/SCM and SHR of 2000 kcal/kWh) and gas supplied/consumed during last three years and current year (Apr-Jun, 2022) is as under:

Gas (MMSCMD)		
Year	Projected Requirement	Supply
2019-20	102.4	29.5
2020-21	102.4	30.1
2021-22	102.4	22.6
2022-23 (Apr-June)	102.4	19.4

(MMSCMD- Million Metric Standard Cubic Meters per Day)

State-wise requirement of gas and gas supplied during last three years and current year (Apr-Jun, 2022) is enclosed at Annexure-II.

(c) : The supply of coal has increased from 638.7 MT in FY 2019-20 to 694.7 MT in FY 2021-22 with a marginal dip during FY21 to 596.3 MT. Further, during 2022-23 (Apr-June), coal supply has been 205.5 MT against the requirement of 201.2 MT.

However, the supply of gas has declined from 29.5 MMSCMD during FY 2019-20 to 19.4 MMSCMD in FY 2022-23 (Apr-June).

(d) : Government has taken the following measures to meet the demand:

(i) Commercial Auction of coal mines on revenue share mechanism:- Since Launch of auction of coal mines for commercial mining in June 2020, 42 coal mines have been successfully auctioned.

(ii) Allowed sale of excess coal from captive mines: Government has allowed sale of coal from captive mines upto 50% of the total coal or lignite produced in a financial year on payment of additional amount to the State Government, after meeting the requirement of end use plant linked with the mine.

(iii) Increasing share of renewable energy; capacity of 500 GW of non-fossil by 2030.

(iv) Imported Regasified Liquefied Natural Gas (RLNG) is kept under Open General License (OGL) and gas based power plants are free to import RLNG on mutually agreed terms and conditions. Further, Government has taken several steps to enhance exploration & production of natural gas in the country such as Discovered Small Field Policy, Hydrocarbon Exploration and Licensing Policy, Policy for Extension of Production Sharing Contracts, Policy for early monetization of Coal Bed Methane etc.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3083 ANSWERED IN THE LOK SABHA ON 04.08.2022

Coal Requirement, Supplied and Consumption in Last Three Years and Current Year

All Figures in Million Tones

State	2019-20			2020-21			2021-22			2022-23 (Apr-Jun)		
	Require-ment	Receipt	Consump-tion	Require-ment	Receipt	Consump-tion	Require-ment	Receipt	Consump-tion	Require-ment	Receipt	Consump-tion
Andhra Pradesh	43.7	39.4	38.4	43.4	28.0	29.5	44.3	37.2	37.3	11.9	12.3	11.1
Assam	2.1	2.7	2.3	2.4	1.4	1.7	1.7	2.4	2.5	0.5	0.9	0.8
Bihar	21.5	25.5	25.3	25.9	24.8	24.6	26.7	30.0	30.1	9.2	9.3	9.6
Chhattisgarh	79.2	80.1	78.9	80.2	93.3	92.8	89.4	101.7	101.9	25.7	24.3	26.1
Gujarat	45.5	41.3	40.8	43.7	34.5	36.6	44.3	26.0	25.3	8.8	9.1	9.0
Haryana	16.2	12.3	10.9	15.6	7.5	9.1	14.4	14.3	15.0	4.2	5.2	5.7
Jharkhand	17.6	16.7	16.3	18.0	16.5	16.8	17.4	17.7	17.8	4.7	4.5	4.9
Karnataka	22.0	15.4	14.5	20.9	10.3	11.3	19.7	18.1	18.4	6.5	7.4	7.0
Madhya Pradesh	80.1	75.5	74.6	78.5	75.8	77.6	82.7	84.0	83.7	24.0	24.3	24.0
Maharashtra	86.6	76.4	72.7	81.3	62.6	66.6	81.7	78.4	80.3	22.7	24.7	24.1
Odisha	37.1	33.2	33.1	37.0	42.2	42.1	40.6	45.4	44.5	12.6	11.4	11.3
Punjab	18.4	12.5	12.1	17.7	10.2	11.1	20.6	14.8	15.3	4.7	5.8	5.3
Rajasthan	28.9	24.3	22.3	27.7	20.4	21.4	30.2	24.6	24.5	8.5	8.3	7.9
Tamil Nadu	34.7	28.9	28.7	34.5	23.7	24.4	38.9	31.1	29.6	10.2	9.5	8.9
Telangana	30.9	29.6	29.9	29.6	25.6	26.5	32.3	31.2	31.2	8.8	8.7	8.3
Uttar Pradesh	82.9	75.4	74.0	82.4	73.8	76.5	87.5	84.1	84.6	23.7	25.0	26.7
West Bengal	50.8	49.4	47.3	51.2	45.7	47.0	50.7	53.6	55.2	14.6	14.7	14.7
Grand Total	698.3	638.7	622.2	690.2	596.3	615.4	723.2	694.6	697.3	201.2	205.5	205.4

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3083 ANSWERED IN THE LOK SABHA ON 04.08.2022**

Gas Requirement and Supplied in Last Three Years and Current Year

State	2019-20		2020-21		2021-22		2022-23 (Apr-Jun)	
	Requirement	Supplied	Requirement	Supplied	Requirement	Supplied	Requirement	Supplied
Andhra Pradesh	21.7	1.9	21.7	2.0	21.7	1.4	21.7	0.9
Assam	2.7	2.4	2.7	2.2	2.7	2.6	2.7	2.8
Delhi	9.5	3.5	9.5	3.0	9.5	2.8	9.5	3.2
Gujarat	31.5	7.2	31.5	9.9	31.5	4.0	31.5	2.0
Haryana	1.9	0.3	1.9	0.6	1.9	0.1	1.9	0.0
Maharashtra	13.8	4.7	13.8	3.5	13.8	3.8	13.8	2.5
PUDUCHERRY	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2
Rajasthan	4.4	1.1	4.4	1.0	4.4	1.3	4.4	1.2
Tamil Nadu	3.8	1.7	3.8	1.4	3.8	1.2	3.8	1.3
TRIPURA	4.7	4.0	4.7	4.4	4.7	4.0	4.7	4.0
Uttar Pradesh	6.4	1.5	6.4	1.6	6.4	0.7	6.4	1.4
UTTARAKHAND	1.9	1.2	1.9	0.4	1.9	0.6	1.9	0.0
Grand Total	102.4	29.5	102.4	30.1	102.4	22.6	102.4	19.4

*- Requirement is calculated at 85% PLF (assuming GCV of 9500 Kcal/SCM and SHR of 2000 Kcal/kWh)

(MMSCMD- Million Metric Standard Cubic Metres Daily)
