

GOVERNMENT OF INDIA
MINISTRY OF COAL

LOK SABHA
UNSTARRED QUESTION NO. 400
TO BE ANSWERED ON 25.02.2016

Coal Reserves

400. SHRI RAGHAV LAKHANPAL:
SHRI KAPIL MORESHWAR PATIL:
SHRI JAGDAMBIKA PAL:
SHRI DINESH TRIVEDI:
SHRI P. KUMAR:

Will the **MINISTER OF COAL** be pleased to state :

- the estimated quantity of coal reserves in each coal producing State particularly in North-Eastern States and the quantity of coal extracted during each of the last three years and the current year, State-wise;
- whether the Government has taken cognizance that India's coal reserves will be exhausted in a few decades and if so, the reaction of the Government thereto;
- whether the current demand of coal in the country be met from various coal reserves available in the country; and
- if not, the steps taken/being taken by the Government to exploit the coal reserves in various States particularly in North-Eastern States and increase its production and to reduce the import as a result thereof?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL,
POWER AND NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL)**

(a): The State-wise assessment of coal resources by Geological Survey of India(GSI) up to a depth of 1200 meters as on 01.04.2015 is as follows:

(Resources in million tonne)

State	Proved	Indicated	Inferred	Total
West Bengal	13518.15	13009.69	4906.79	31434.69
Jharkhand	41462.92	33026.38	6559.47	81048.77
Bihar	0.00	0.00	160.00	160
Madhya Pradesh	10411.43	12783.81	3340.55	26535.79
Chattisgarh	18237.00	34390.09	2285.11	54912.20
Uttar Pradesh	884.04	177.76	0.00	1061.80
Maharashtra	5953.39	3189.64	2110.21	11253.24
Odisha	30746.81	36545.04	8507.23	75799.08
Andhra Pradesh	0.00	1149.05	431.65	1580.70
Telangana	9806.52	8807.92	2596.91	21211.35
Assam	464.78	46.85	3.02	514.65
Sikkim	0.00	58.25	42.98	101.23
Arunachal Pradesh	31.23	40.11	18.89	90.23
Meghalaya	89.04	16.51	470.93	576.48
Nagaland	8.76	0.00	306.65	315.41
Total	131614.07	143241.1	31740.39	306595.56

Production (State-wise) for the last three years from Coal India Limited(CIL) sources:

(All figures are in Million tonnes)

State	2012-13	2013-14	2014-15	2015-16 (April to Dec.'15)
W.B	17.654	20.430	21.652	15.984
Jharkhand	95.531	98.260	108.521	77.018
Odisha	107.894	110.439	121.379	97.394
U.P	16.091	14.721	14.957	8.841
M.P	75.422	73.590	76.403	62.192
Chattisgarh	103.037	110.143	115.192	86.351
Maharashtra	35.977	34.175	35.354	25.559
Assam	0.605	0.664	0.779	0.173
Total	452.211	462.422	494.238	373.512

(b) : Coal reserves are not shrinking. Every year about 3 to 5 Bt. coal resources are added to the inventory of Indian coal resources and against this, about 0.65 Bt. coal is extracted.

(c): Yes Sir, the assessed coal reserves are adequate to meet the current demand.

Coal demand of the country, Production from CIL source and Supply from CIL source for last three years and current year is as below:

(Figures in Million tonnes)

Subjects	2012-13 Actual	2013-14 Actual	2014-15 Actual	2015-16 Target
Coal Production of the country	556.40	565.77	612.44	700
Domestic Supply.	567.60	572.49	607.85	700

(d): Following steps are being taken to increase the coal reserves, production of coal in the country and to reduce the import of coal:

- To increase the coal reserves in the country the Government has taken steps like enhanced exploration capacity through induction of modern equipment like Hydraulic Drilling and outsourcing.
- CIL has envisaged for doubling its coal production i.e. 1 Bt by 2019-20 from the current level of production i.e. 494.23 Mt in 2014-15 for meeting the coal demand of the country. So far, mines/projects to produce about 908.10 Mt in 2019-20 have been identified and further plans to augment production up to 1 Billion tonne are being developed.
- For the said purpose, a report has been prepared for assessment of the need for up-gradation of technology presently under practice in CIL mines and scope of further modernization.
- In order to maintain the planned growth in production and evacuation in future, CIL has undertaken three major Railway infrastructure projects to be executed by Indian Railways in growing coalfields of SECL, MCL, & CCL.
- High capacity mines are being planned with deployment of high capacity/ high productivity equipment in OC & UG mines of CIL.
- Efforts are being taken up by all sub-subsidiaries for obtaining EC/FC within the scheduled time frame so that projects could be able to start production.

In spite of the above steps, the entire demand of coal will not be met indigenously as supply of coking coal in the country is limited and certain power plants were designed on the basis of imported coal in earlier years.
