

GOVERNMENT OF INDIA
MINISTRY OF COAL
LOK SABHA
UNSTARRED QUESTION NO. 1859
TO BE ANSWERED ON 07.03.2018
Coal Reserves

1859. SHRI MOHITE PATIL VIJAYSINGH SHANKARRAO: SHRI SATAV RAJEEV: DR. HEENA VIJAYKUMAR GAVIT: SHRI NISHIKANT DUBEY: SHRI DHANANJAY MAHADIK: SHRI P.R. SUNDARAM: SHRI RAVINDRA KUMAR PANDEY: DR. J. JAYAVARDHAN

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

- (a) the total quantum of coal reserves in the country at present, State-wise along with the annual consumption of coal during the last three years;
- (b) whether coal resources of the country are being developed in an optimal manner and if so, the details thereof including the steps taken in this regard during the last three years;
- (c) whether the Government proposes to set up a Coal Regulatory Authority in the country;
- (d) if so, the details thereof including the salient features thereof;
- (e) whether the view of the various stakeholders have been obtained before setting up of Coal Regulatory Authority and if so, the details thereof and the time by which the authority is likely to be set up; and
- (f) the steps being taken by the Government to find out the alternative source of energy so as to reduce dependency of coal?

ANSWER

MINISTER OF RAILWAYS AND COAL (SHRI PIYUSH GOYAL)

- (a): The total estimated coal resources in the country is 315.149 billion tonnes as per “The inventory of Geological Resources of Indian Coal” (as on 01.04.2017), prepared by the Geological Survey of India. The total coal extracted from the coalfields of India during 2016-17 is 655.31 million tonnes and since 1950 upto 2016-17 is around 14438.22 million tonne. (As per Coal Controller, MoC, Govt. of India). Every year about 3 to 5 billion tonnes of resources are being added through fresh exploration to the Coal Inventory of India.

**STATEWISE GEOLOGICAL RESOURCES OF COAL IN INDIA AS ON 01.04.2017
(AS per GSI Inventory)**

STATE	Category-wise Coal Resources (in Million Tonnes)			
	Measured (Proved)	Indicated	Inferred	Total
WEST BENGAL	13723	12954	4990	31667
BIHAR	0	0	1354	1354
JHARKHAND	44341	31876	6223	82440
MADHYA PRADESH	11269	12760	3645	27673
CHHATTISGARH	19997	34462	2202	56661
UTTAR PRADESH	884	178	0	1062
MAHARASHTRA	7038	3158	2063	12259
ORISSA	34810	34060	8415	77285
ANDHRA PRADESH	0	1149	432	1581
TELANGANA	10402	8542	2520	21464
SIKKIM	0	58	43	101
ASSAM	465	57	3	525
ARUNACHAL PRADESH	31	40	19	90
MEGHALYA	89	17	471	576
NAGALAND	9	0	402	410
GRAND TOTAL	143058	139311	32780	315149

Year wise annual coal offtake/supply for the last three years is as follows:

Year	2014-15	2015-16	2016-17
Offtake(Mt.)	603.772	632.442	650.319(Prov.)

*Source-Coal Statistics of CCO)

- (b): Based on the coal demand projected by NITI Aayog and Ministry of Coal, project reports (PRs)/ Mining Plans are prepared for optimal development of the coal block with the available mining technology suitable for the block. The list of project reports prepared by CMPDI for the subsidiaries of Coal India Limited during last 3 years is enclosed as Annexure.
- (c), (d) & (e): The issue of Coal Regulatory Authority has to be examined keeping in view the legislative developments that took place after the cancellation of the coal blocks allocated through the Screening Committee route since 1993 by the Hon'ble Supreme Court in 2014. The decision in the matter is yet to be taken.
- (f): As an alternative energy source, the Government has up-scaled the target of Renewable Energy capacity to 175 GW by the year 2022, which includes 100 GW from solar, 60 GW from wind, 10 GW from Bio-power and 5 GW from Small Hydro power. So far a total of 64.31 GW capacity has been installed through the implementation of various renewable energy schemes/ programmes upto 31st January 2018 which includes 32.88 GW from Wind, 18.45 GW from Solar, 8.53 GW from Bio-power and 4.45 GW from Small Hydro Power. To promote the production of renewable energy through various schemes/programmes, the Government has taken various steps which inter alia includes:-
- Announced a cumulative target of 175 GW renewable energy based electric installed capacity by 2022;
 - Issued guidelines for procurement of solar and wind power through tariff based competitive bidding process;
 - Declared Renewable Purchase Obligation (RPO) up to the year 2018-19;
 - Declare Renewable Generation Obligation on new coal/lignite based thermal plants;
 - Notified National Offshore Wind Energy Policy;
 - Notified policy for Repowering of Wind Power Projects;
 - Notified standards for deployment of solar photovoltaic systems/devices;
 - Issued order for waiving the Inter State Transmission System charges and losses for inter-state sale of solar and wind power for projects to be commissioned by March 2019.

Annexure**PRs prepared by CMPDI for CIL subsidiaries during 2015-16 to 2017-18 (up to 28 Feb 2018)**

Sl. No.	Name of PR	Subsidiary	OC/UG	Capacity (Mty)	PR Submsn Date
1	Belbaid Parasea	ECL	UG	1.83	Nov-15
2	Chaudhar Gariapani Kayada OC	ECL	OC	4.00	Mar-16
3	Ghusick UG/OC (OC-0.7,UG-1.5)	ECL	UG	1.55	Jun-16
4	Jhanjra Combined	ECL	UG	3.50	May-15
5	Kottadih OC Expn PR	ECL	OC	1.60	Sep-16
6	Mohanpur Expn. Ph-II	ECL	OC	2.50	Jan-16
7	Naba Kajora Madhabpur UG	ECL	UG	1.44	Oct-16
8	Nakrakonda Kumardih B OC	ECL	OC	3.00	Apr-15
9	Narainkuri OC	ECL	OC	2.50	Mar-17
10	North Searsole OC	ECL	OC	2.00	Jun-16
11	Sarpi UG (Expn. PR)	ECL	UG	1.41	Mar-17
12	Siduli OC+UG	ECL	UG	1.55	Dec-16
13	Siduli UG	ECL	UG	1.63	Oct-17
14	Tilaboni UG	ECL	UG	1.86	Aug-15
15	Block-VIII OC	BCCL	OC	2.00	Mar-17
16	Chandrapura Block	BCCL	OC	1.50	Jul-16
17	Amrapali Expn OC	CCL	OC	25.00	Dec-15
18	Ashok OC Expn	CCL	OC	22.00	Mar-17
19	Asnapani (East) UG	CCL	UG	0.72	Mar-16
20	Bhurkunda OC	CCL	OC	3.50	Mar-16
21	Chandragupta OCP	CCL	OC	15.00	Mar-17
22	Hindegir OC	CCL	OC	4.00	Mar-17
23	Jaridih OC	CCL	OC	1.00	Feb-16
24	Kabribad OC	CCL	OC	0.60	Mar-17
25	Konar Expn	CCL	OC	8.00	Aug-15
26	Konar Expn	CCL	OC	8.00	Aug-17
27	Piparwar UG Ph-1	CCL	UG	0.87	Jun-17
28	Religara OC	CCL	OC	2.00	Feb-16
29	Urimari OC	CCL	OC	4.00	Mar-17
30	Bhanegaon OC	WCL	OC	1.00	Nov-16
31	Chinchala-Pisgaon OC	WCL	OC	2.50	Mar-17
32	Durgapur OC RPR	WCL	OC	3.00	Aug-16
33	Gandhigram UG	WCL	UG	1.20	Oct-15
34	Gokul OC RPR	WCL	OC	1.50	Nov-16
35	Gouri Central OC	WCL	OC	5.00	May-16
36	Konda-Hardola OC	WCL	OC	7.00	Aug-17
37	Kumbharkhani UG to OC	WCL	OC	1.50	Mar-16
38	Pauni II & III Combined	WCL	OC	3.25	Jun-15
39	Sangam UG	WCL	UG	4.00	Jan-18
40	Saoner II UG to OC	WCL	OC	2.50	Mar-16
41	Saoner-I UG to OC	WCL	OC	1.30	Mar-16
42	Sharda UG	WCL	UG	0.42	Jul-15
43	Silewara Deep UG	WCL	UG	3.20	Jan-18
44	Thesgora UG to OC	WCL	OC	2.50	Mar-17
45	Vishnupuri UG to OC	WCL	OC	2.00	Feb-18
46	Batura West OC	SECL	OC	1.50	Feb-18
47	Bodri UG	SECL	UG	1.52	Feb-18
48	Chimtapani-Porda Combined OC	SECL	OC	15.00	Nov-17

49	Chirimiri Expn OC	SECL	OC	2.00	Aug-15
50	Damini UG to OC	SECL	OC	1.50	Mar-17
51	Gevra Expn (35 to 70 Mty)	SECL	OC	70.00	Jun-15
52	Mahamaya	SECL	OC	1.50	Mar-17
53	Rampur Batura OC	SECL	OC	4.00	Oct-17
54	Sayang OC	SECL	OC	17.00	Oct-17
55	West Jhiria OC	SECL	OC	1.50	Mar-16
56	Block-B Expn	NCL	OC	8.00	Dec-15
57	Dudhichua Expn OC	NCL	OC	20.00	May-16
58	RCE for Nigahi OC	NCL	OC	15.00	Aug-15
59	Bharatpur Reorganisation	MCL	OC	20.00	Oct-15
60	Lajkura OC Expn (incl. lower seams)	MCL	OC	15.00	Mar-17
61	Samalleshwari Expn (20 Mty)	MCL	OC	20.00	Apr-15
62	Jagun OC	NEC	OC	0.50	Oct-17
63	Lekhapani OC RCE	NEC	OC	0.25	Jun-16
64	PQ OC	NEC	OC	0.15	Aug-17