

GOVERNMENT OF INDIA
MINISTRY OF COAL
LOK SABHA
UNSTARRED QUESTION NO. 3553
TO BE ANSWERED ON 23.03.2017
Exploration of New Coal Reserves

3553. SHRI ASHOK MAHADEORAO NETE

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

- (a) whether the Government is conducting surveys on regular basis to explore new coal reserves in the country;
- (b) if so, the details of surveys conducted during the last three years and the current year, State-wise; and
- (c) the details of reserves explored during the said period, State-wise?

ANSWER

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

(a): Geological Survey of India (GSI) has been carrying out regional exploration for coal to explore new coal resources in the country. Further, Central Mine Planning and Design Institute (CMPDIL) is also carrying out promotional exploration under the Ministry of Coal's Central Scheme.

(b)&(c): During the last three years 2013-14 to 2015-16 and the current year 2016-17, GSI has carried out surveys in the States of West Bengal, Bihar, Jharkhand, Odisha, Chhattisgarh, Madhya Pradesh, Maharashtra, Rajasthan, Andhra Pradesh, Telangana, Tamil Nadu, Assam, Meghalaya and Arunachal Pradesh for coal exploration. The details of surveys for coal exploration are furnished in Statement-I. The state-wise details of augmentation done by GSI during last 3 years and in the current year is furnished in Statement-II.

Year wise and state wise surveys for coal exploration conducted by GSI

Field Season	State	Exploration Blocks/ Sectors/ Areas
2013-2014	West Bengal	Kamalpur Block, Raniganj Coalfield, Burdwan Dist.
		Krishnagar Area, Raniganj Lignite field, Birbhum Dist.
		Adharsuli Block, Raniganj Lignite field, Birbhum Dist.
		Gaurangapur-Bankati Block, Raniganj Coalfield, Burdwan Dist.
		Gazipur West Sector, Birbhum Coalfield, Birbhum Dist.
		Heruka Sector, Birbhum Coalfield, Birbhum Dist.
		Djara Area, Birbhum Coalfield, Birbhum Dist.
	Bihar	Mirjagaon area, Hura Coalfield, Bhagalpur Dist.
	Odisha	North-East extension of Naogaon north block, Talchir Coalfield, Angul Dist.
		Kantaikoliya area, Talchir Coalfield, Angul Dist.
		Chadchadi Area, Talchir Coalfield, Sambalpur and Deogarh Dist.
		Grindola Block, Ib River Coalfield, Jharsuguda Dist.
		Bandbahal Block, Ib River Coalfield, Jharsuguda Dist.
		Bartap Block, Ib River Coalfield, Jharsuguda Dist.
	Chhattisgarh	Pipraul Block, Tatapani-Ramkhola Coalfield, Surguja Dist.
		Vijaynagar- Giddhi Block, Tatapani-Ramkhola Coalfield, Surguja Dist.
		Samarsingha block, Mand-Raigarh Coalfield, Raigarh dist.
		Amlidhonda block, Mand-Raigarh Coalfield, Raigarh dist.
	Madhya Pradesh	Dhorakuhi Block, Pench Valley Coalfield, Chhindwara Dist.
		Bhurkumdhana sector, Pench Valley Coalfield, Chhindwara dist.
		Sarai (West) area, Singrauli Coalfield, Singrauli dist.
		Bihar Block, Sohagpur Coalfield, Shahdol Dist.
		Maiki(North) block, Sohagpur Coalfield, Shahdol dist.
		Malka Block, Sohagpur Coalfield, Shahdol Dist.
	Maharashtra	Jhamkola area, Wardha valley Coalfield, Yeotmal Dist.
		Wadhona-Phukta, Wardha valley Coalfield, Yavatmal & Wardha Dists.
	Andhra Pradesh	Pagadheru (East) Sector, Godaveri valley Coalfield, Khammam Dist.
		Pagaderu (West) sector, Godaveri valley Coalfield, Khammam dist.
		Khairi sector, Godaveri Valley Coalfield, Khammam Dist. (Mapping item)
		Bugga-Khammamtoogu sector, Godaveri Valley Coalfield, Khammam dist.
		Bayyaram-Cherla area, Godaveri Valley Coalfield, Khammam dist.
		Sirpur-Sitanagar area, Godaveri Valley Coalfield, Adilabad dist.
	Tamil Nadu	Uttarakosamangai sector, East Coast Lignite Field, Ramnathapuram dist.
	Assam / Meghalaya	Shalibhuin- Nakaigiri- Ujanggiri area, west Garo Hills Dist.
		Sukchar-Singrimari area, Singrimari Coalfield, Dhubri district
		Adjacent to Sukchar-Singrimari area, Singrimari Coalfield, Dhubri district
	Rajasthan	Panna Area, West Coast Lignite Field, Jaisalmer and Bikaner Dist.

Field Season	State	Exploration Blocks/ Sectors/ Areas
2014-2015	West Bengal	Gaurangapur-Bankati Area, Raniganj Coalfield, Burdwan Dist.
		Gazipur West Sector, Birbhum Coalfield, Birbhum Dist.
		Djara Area, Birbhum Coalfield Birbhum district
	Bihar	Mirjagaon Area, Hura Coalfield, Bhagalpur dist.
	Odisha	Kantaikoliya Block, Talchir Coalfield, Angul Dist.
		Grindola Block, Ib River Coalfield, Jharsuguda Dist.
		Bandbahal Block, Ib River Coalfield, Jharsuguda Dist.
		Bartap Block, Ib River Coalfield, Jharsuguda Dist.
	Chhattisgarh	Samarsingha Block, Mand-Raigarh Coalfield, Raigarh Dist.
		Amlidhonda Block, Mand-Raigarh Coalfield, Raigarh Dist.
		Puruga Block, Mand-Raigarh Coalfield, Raigarh Dist.
		Gare (south) Block, Mand-Raigarh Coalfield, Raigarh Dist.
		Pipraul Block, Tatapani-Ramkhola Coalfield, Surguja Dist.
	Madhya Pradesh	Sarai (West) Area, Singrauli Coalfield, Singrauli dist.
		Bihar Block, Sogahpur Coalfield, Shahdol dist.
		Malka Block, Sogahpur Coalfield, Shahdol dist.
		Harri Block, Sogahpur Coalfield, Shahdol dist.
		Bhurkumdhana sector, Pench Valley Coalfield, Chhindwara dist.
		Dhorakuhi sector, Pench Valley Coalfield, Chhindwara dist.
	Maharashtra	Jhamkola Area, Wardha Valley Coalfield, Yeotmal dist.
		Dabhadi Area, Wardha Valley Coalfield, Yavatmal dist.
		Wadhona-Phukta Area, Wardha Valley Coalfield, Yavatmal & Wardha dists.
	Telengana	Sirpur-Sitanagaram Area, Godaveri valley Coalfield, Khammam Dist.
		Belamangrude Area, Godaveri valley Coalfield, Khammam Dist.
	Andhra Pradesh	Bugga-Khammamtoogu Sector, Godaveri valley Coalfield, Khammam Dist.
		Pagadheru (West) Sector, Godaveri valley Coalfield, Khammam Dist.
		Pagaderu (East) Sector, Godaveri valley Coalfield, Khammam Dist.
		Bayyaram-Cherla Area, Godaveri valley Coalfield, Khammam Dist.
	Tamilnadu	Uttarakosamangai Sector, Ramnad sub basin, Ramnathapuram dist.
		Kalari West Sector, Ramnad sub basin, Ramananthapuram Dist.
	Rajasthan	Panna Area, West Coast Lignite Field, Jaisalmer and Bikaner Dist.
		Charanwala Area, West Coast Lignite Field, Bikaner and Jaisalmer dists.
	Assam / Meghalaya	Adjacent to Sukchar-Singrimari Area, Singrimari Coalfield, Dhubri dist.
		Phatapara Area, Singrimari Coalfield, Dhubri district

Field Season	State	Exploration Blocks/ Sectors/ Areas
2015-2016	West Bengal	Gaurangapur-Bankati Area, Raniganj Coalfield, Burdwan Dist.
		Kherobari Block, Raniganj Coalfield, Burdwan Dist.
		Djara Area, Birbhum Coalfield, Birbhum Dist.
		Buritala Block, Birbhum Coalfield, Birbhum district
	Bihar	Rajgaon Block, Rajmahal Coalfield, Bhagalpur Dist.
		Mirjagaon area, Rajmahal Coalfield, Bhagalpur dist.
	Jharkhand	Gobindpur Block, Rajmahal group of Coalfield, Godda Dist.
	Odisha	Kantaikoliya Block, Talchir Coal field, Angul Dist.
		Bartap Block, Ib River Coalfield, Jharsuguda Dist.
		Ustali Block, Ib River Coalfield, Jharsuguda Dist.
		Bandahal Block, Ib River Coalfield, Jharsuguda Dist.
	Madhya Pradesh	Dhorakuhi Block, Pench Valley Coalfield, Chhindwara Dist.
		Pachaur Block, Singrauli Coalfield, Singrauli Dist.
		Sarai (West) area, Singrauli Coalfield, Singrauli dist.
		Harri Block, Sohagpr Coalfield, Shahdol Dist.
		Bihar block, Sohagpr Coalfield, Shahdol dist.
		Bandhawa Bara Block, Sohagpr Coalfield, Shahdol Dist.
		Kirhai Block, Sohagpr Coalfield, Shahdol dist.
		Lamru Block, Sohagpr Coalfield, Shahdol dist.
	Chhattisgarh	Purunga Block, Mand-Raigarh Coalfield, Raigarh Dist.
		Pipraul Block, Tatapani-Ramkhola Coalfield, Surguja Dist.
		Sendur block, Tatapani-Ramkhola Coalfield, Surguja dist.
	Telangana	Pagaderu (East) Sector, Godaveri Valley Coalfield, Khammam Dist.
		North of Medaram Area, Godaveri Valley Coalfield, Khammam Dist.
		Mangrude area, Godaveri Valley Coalfield, Khammam dist.
		Bayyaram-Cherla area, Godaveri Valley Coalfield, Khammam dist.
	Andhra Pradesh	Somavaram Area, Godaveri Valley Coalfield, Krishna Dist.
	Tamilnadu	Kalari West Sector, Ramnad Sub Basin, Ramananthapuram Dist.
		Kalari North Sector, Ramnad Sub Basin, Ramananthapuram Dist.
	Rajasthan	Charanwala North Area, West Coast Lignite Field, Palana Basin, Jaisalmer and Bikaner Dists.
		Charanwala Area, West Coast Lignite Field, Palana Basin, Jaisalmer and Bikaner Dists.
	Assam / Meghalaya	Bhutidanga Area, Singrimari Coalfield, Dhubri Dist.
		Phatapara area, Singrimari Coalfield, Dhubri Dist.

Field Season	State	Exploration Blocks/ Sectors/ Areas
2016-2017	West Bengal	Kherobari Block, Raniganj Coalfield, Burdwan Dist.
		Buritala Block, Rajmahal-Birbhum Coalfield, Birbhum Dist.
	Bihar	Gokulmathura Block, Rajmahal group of Coalfield, Bhagalpur Dist.
		Shrinagar Block, Rajmahal group of Coalfield, Bhagalpur Dist.
	Odisha	Ustali Block, Ib River Coalfield, Sundargar Dist
		Teteliabahal Block, Ib River Coalfield, Jharsuguda Dist.
		Kantaikoliya (North) Block, Talchir Coalfield, Angul Dist.
	Chhattisgarh	Jobro West Block, Mandraigarh Coalfield, Raigarh Dist.
		Tendumuri Block, Mandraigarh Coalfield, Raigarh Dist.
		Sendur Block, Tatapani-Ramkhola Coalfield, Surguja Dist.
	Madhya Pradesh	Pachaur Block, Singrauli Coalfield, Singrauli Dist.
		Kirhai Block, Sohagpr Coalfield, Shahdol Dist.
		Lamru Block, Sohagpr Coalfield, Shahdol Dist.
		Dhorakuhi Sector, Pench valley Coalfield, Chhindwara Dist.
	Telangana	Eastern extension of Pagadheru (East) sector, Godaveri valley Coalfield, Khammam Dist.
		Pagadheru (East) Sector, Godaveri valley Coalfield, Khammam Dist.
	Tamilnadu	Kalari North Sector, Ramnad sub basin, Ramananthapuram Dist.
	Rajasthan	Charanwala North Area, Palana Basin, Jaisalmer and Bikaner Dists.
	Arunachal Pradesh	Eastern parts of Namchik-Namphuk Coalfield, Changlang Dist.
	Assam / Meghalaya	Khopati area, Singrimari Coalfield, Dhubri/ West Garo hills Dist.

Statement-II

Year-wise State-wise Augmentation of Coal Resource by GSI					
State	FS 2013-14	FS 2014-15	FS 2015-16	(Resource in million tonne)	
				FS 2016-17 (till 15th March 2017)	Total
West Bengal	34.52	30.40	22.06	134.99	221.97
Bihar				1193.50	1193.50
Madhya Pradesh	163.56	63.49	348.60	199.07	774.72
Chhattisgarh	265.87	384.86		335.27	986.00
Maharashtra			94.26		94.26
Odisha	1362.61	644.61		854.36	2861.58
Telangana		59.95	103.29	4.49	167.73
Assam	1.34		10.36		11.70
Total	1827.90	1183.31	578.57	2721.68	6311.46

Year-wise Augmentation of National Coal Resource				
Year	Augmentation by GSI	Augmentation by Other Agencies	Total Augmentation	(Resource in million tonne)
				Total National Resource (Cumulative)
2013-14	1827.90	822.49	2650.39	301564.45 (as on 01.04.14)
2014-15	1183.31	3847.80	5031.11	306595.56 (as on 01.04.15)
2015-16	578.57	1627.71	2206.28	308801.84 (as on 01.04.16)