



कोयला मंत्रालय
Ministry of Coal



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Welcome to Presentation

On

Technical Information

on coal/ lignite blocks

under 6th /16th round of Auction



Blocks under present tranches of auction

- Total number of blocks under auction : **141**

- Blocks in 6th/16th tranche : **133**
 - Coal blocks : **125**
 - Lignite blocks : **8**

- Blocks in 2nd attempt, 5th/15th tranche : **8**
 - Coal blocks : **7**
 - Lignite blocks : **1**



Blocks under 6th/16th tranche of auction

- No. of Coal blocks under CM(SP) Act : 29
 - No. of Coal blocks under MMDR Act : 96
 - No. of lignite blocks under MMDR Act : 8
-
- 133**
-
- No. of states where blocks are distributed : 12 (incl. 2 states for lignite)



Blocks under 6th/16th tranche of auction

- No. of Explored coal/ lignite blocks : 64/ 1
 - No. of Partially Explored coal/ lignite blocks : 61/ 7
-
- 125/8
- Total estimated geological resources : 67396.17 Mt
 - Coal resources : 66026.89 Mt
 - Lignite resources : 1369.28 Mt
 - Total est. PRC for **explored** coal/ lignite blocks: 294.42/ 4.0 Mty



Blocks under 5th/15th tranche (2nd Attempt) of auction

- No. of Coal blocks under CM(SP) Act : 7
- No. of Coal blocks under MMDR Act : 0
- No. of lignite blocks under MMDR Act : 1

- No. of states where blocks are distributed : 5 (incl. 1 state for lignite)



Blocks under 5th/15th tranche (2nd Attempt) of auction

- No. of Explored coal/ lignite blocks : 7/ 0
 - No. of Partially Explored coal/ lignite blocks : 0/ 1
-
- 7/1
-
- Total estimated geological resources : 552.517 Mt
 - Coal resources : 530.83 Mt
 - Lignite resources : 21.69 Mt

 - Total est. PRC for **explored** coal/ lignite blocks: 5.94/ NA Mty



State-wise And Exploration Status-wise Distribution Of 133 Coal Blocks Under Current Tranche

State	No. of blocks			Resources (Mt)			PRC (Mty)
	Total	Explored	Partially Explored	Explored	Partially Explored	Total	
Andhra Pradesh	04	04	--	850.78	--	850.78	1.8
Arunachal Pradesh	01	01	--	--	--	14.97	0.2
Bihar	01	01	--	340.35	--	340.35	17.5
Chhattisgarh	26	14	12	6092.35	4180.42	10272.77	46.2
Jharkhand	15	07	08	3045.10	11423.52	14468.62	47.4
Madhya Pradesh	28	13	15	2164.12	2823.65	4987.77	16.2
Maharashtra	12	04	08	514.1	651.04	1165.14	1.75
Odisha	27	13	14	16852.44	14327.66	31180.10	143



State-wise and Exploration Status-wise distribution of 133 coal blocks under current tranche

State	No. of blocks			Resources (Mt)			PRC (Mty)
	Total	Explored	Partially Explored	Explored	Partially Explored	Total	
Rajasthan	05	01	04	182.43	312.47	494.90	4
Tamilnadu	03	--	03	--	874.39	874.39	--
Telangana	04	04	--	308.78	--	308.78	8.73
West Bengal	07	03	04	1045.10	1392.50	2437.60	11.6
Total	133	65	68	31410.52	35985.65	67396.17	298.42



Technical changes done to make blocks attractive

- There are 49 revised coal blocks in this 6th/16th tranche of auction formed from 29 coal blocks put under earlier auction
- Revision has been done considering mainly the following:
 - Splitting of larger blocks considering geological structures, surface features, etc.;
 - Exclusion of highly geologically disturbed areas;
 - Exclusion of densely populated areas particularly close to the boundary;
 - Exclusion of dense forest areas from the block area;
 - Exclusion of existing highways, railway lines, etc., wherever possible;



Information on mine dossier



Contents of Mine Summary

- **Mine summary**
 - **Part-A:**
 - Location
 - Connectivity with block
 - Area
 - Climate and topography
 - Exploration
 - Coal seams and estimated resource
 - Grade of coal
 - Surface constraints
 - Decision Support System (DSS) analysis, and
 - Eco-Sensitive Zone (ESZ) analysis
 - **Part-B:**
 - Previous allocation, if any
 - Target capacity as per mining plan (if available)/ Tentative Peak Rated Capacity for explored blocks
 - Status of clearances/ approvals (as per information submitted by prior allottee)
 - Noting and disclaimer
- **Block boundary map on toposheet**
- **Coordinates of cardinal points (provisional)**



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State-wise Summary Of 133 Coal/ Lignite Blocks Under Current Tranche



Summary of Coal blocks in Andhra Pradesh

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Chintalpudi Sector A1 (NW Part)	MMDR	Explored	G1	420.89	G12	0.3
2	Chintalpudi Sector A1 (SE Part)	MMDR	Explored	G1	347.38	G12	0.5
3	Somavaram West (Northern Part)	MMDR	Explored	G1	53.48	G13	0.5
4	Somavaram West (Southern Part)	MMDR	Explored	G1	29.03	G13	0.5
Total Andhra Pradesh					850.78		1.8



Summary of Coal block in Arunachal Pradesh & Bihar

Arunachal Pradesh:

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Namchik Namphuk	CMSP	Explored	G1	14.97	Semi-Coking Grade-I	0.2
Total Arunachal Pradesh					14.97		0.2

Bihar:

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Mandar Parvat	MMDR	Explored	G1	340.35	G12	17.5
Total Bihar					340.35		17.5



Summary of Coal blocks in Chhattisgarh

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1 & 2	Banai-Bhalumuda	MMDR	Explored	G1	1376.07	G11	12
3	Barapara	MMDR	Partially Explored	G3	20.76	G11	--
4	Dolesara	MMDR	Explored	G1	622.66	G12	1.74
5 & 6	Gare Palma IV/2 & IV/3	CMSP	Explored	G1	186.86	G12	7
7	Gare-Palma, Sector-I (East)	CMSP	Explored	G1	965	G12	15
8	Ghutra	MMDR	Partially Explored	G3	95	G11	--
9	Gorhi Mahaloi-Amlidhonda	MMDR	Explored	G1	619.95	G13	0.87
10	Gorhi Mahaloi-Bijna	MMDR	Explored	G1	180.93	G13	0.87
11	Gorhi-Mahaloi-Devgaon	MMDR	Explored	G1	197.82	G12	0.87
12	Gorhi-Mahaloi-Kasdol	MMDR	Explored	G1	230.92	G12	0.87
13	Jarekela	MMDR	Explored	G1	610.66	G12	1.74
14	Jharpalam Thangarghat	MMDR	Explored	G1	788.37	G12	1.74



Summary of Coal blocks in Chhattisgarh



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
15	Jobro East	MMDR	Partially Explored	G2	588.07	G12	--
16	Jobro West	MMDR	Partially Explored	G2	246.31	G12	--
17	Kartala	MMDR	Partially Explored	G2	1050.00	G12	--
18	Meghuli	MMDR	Partially Explored	G2	340	G11	--
19	Panchbahani	CMSP	Partially Explored	G3	11.003	G7	--
20	Pipraul	MMDR	Partially Explored	G3	256.33	G8	--
21	Purunga	MMDR	Partially Explored	G2	260	G9	--
22	Ramnagar	MMDR	Partially Explored	G3	600	G10	--
23	Reonti East	MMDR	Explored	G1	232.47	G10	1.5
24	Reonti West	MMDR	Partially Explored	G2	596.26	G11	--
25	Sendur	MMDR	Partially Explored	G2	116.69	G10	--
26	Shankarpur Bhatgaon II Extn.	CMSP	Explored	G1	80.64	G6	2.00
Total Chhattisgarh					10272.78		46.2



Summary of Coal blocks in Jharkhand

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Binja	MMDR	Partially Explored	G3	50	G9	--
2	Dhulia North	MMDR	Explored	G1	1181.25	G12	14
3	Dighi Dharampur North	MMDR	Partially Explored	G4	4100	G11	--
4	Dighi Dharampur South	MMDR	Partially Explored	G4	2900	G11	--
5	Gawa (Eastern Part)	MMDR	Partially Explored	G3	36.608	G11	--
6	Gawa (Western Part)	MMDR	Partially Explored	G3	14.872	G11	--
7	Gomarpahari Siulibana	MMDR	Partially Explored	G2	1900	G9	--
8	Latehar	CMSP	Partially Explored	G2	22.04	G11	--
9	Mausingha	MMDR	Partially Explored	G4	2400	G12	--

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Summary of Coal blocks in Jharkhand

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
10	North Dhadu (Eastern Part)	CMSP	Explored	G1	439	G12	4
11	North Dhadu (Western Part)	CMSP	Explored	G1	435	G12	3
12	Patal East (Eastern Part)	CMSP	Explored	G1	35	G10	0.3
13	Pirpainti Barahat	MMDR	Explored	G1	798.563	G12	25
14	Burakhap Small Patch	CMSP	Explored	G1	9.61	G6	0.4
15	Parbatpur Central	CMSP	Explored	G1	147.03	W-I	0.74
Total Jharkhand					14468.62		47.44



Summary of Coal blocks in Madhya Pradesh



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Arjuni (Eastern Part)	MMDR	Explored	G1	106.12	G7	1.36
2	Arjuni (Western Part)	MMDR	Partially Explored	G2	110.17	G7	--
3	Bamhanwara	MMDR	Partially Explored	G3	130	G8	--
4	Barimahuli	MMDR	Partially Explored	G2	116.22	G11	--
5	Chainpa	MMDR	Explored	G1	182.27	G9	1
6	Chopna Shaktigarh	MMDR	Partially Explored	G3	440	WIII & G14	--
7	Dhorakuhi	MMDR	Partially Explored	G3	130	G7	--
8	Gondbahera Ujheni	MMDR	Explored	G1	672.87	G10	4.12
9	Jamui	MMDR	Explored	G1	208.47	G9	1
10	Jhara North	MMDR	Partially Explored	G3	75	G8	--
11	Jhara South	MMDR	Partially Explored	G3	125	G8	--



Summary of Coal blocks in Madhya Pradesh



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
12	Kahua Khireti Sector-A	MMDR	Partially Explored	G3	275	G7	--
13	Maiki South	MMDR	Partially Explored	G3	88.18	G7	--
14	Mandla North#	CMSP	Explored	G1	195.38	G7	1.5
15	Marwatola VI	MMDR	Explored	G1	79.00	G9	1.5
16	Marwatola VII	MMDR	Explored	G1	188.70	G9	1.5
17	Merkhi West	MMDR	Partially Explored	G3	100	G6	--
18	Nigwani Bakeli - A	MMDR	Partially Explored	G3	300.00	G8	NA
19	Pathakhuri-Piparia (Northern Part)	MMDR	Explored	G1	70.96	G7	0.36
20	Pathakhuri-Piparia (Southern Part)	MMDR	Explored	G1	83.53	G7	0.36
21	Rajathari Pathakuri West	MMDR	Partially Explored	G3	500	G7	--
22	Rajathari South	MMDR	Partially Explored	G3	197	G7	--

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Summary of Coal blocks in Madhya Pradesh

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
23	Rawanwara North (Eastern Part)	CMSP	Explored	G1	92	G6	0.5
24	Rawanwara North (Western Part)	CMSP	Explored	G1	85	G6	0.5
25	Sarai East (Northern Part)	MMDR	Partially Explored	G2	108.44	G8	--
26	Sarai East (Southern Part)	MMDR	Partially Explored	G3	128.64	G8	--
27	Thesgora-B/ Rudrapuri	CMSP	Explored	G1	45.04	G9	1
28	West of Shahdol	MMDR	Explored	G1	154.71	G8	1.5
Total Madhya Pradesh					4987.77		16.2



Summary of Coal blocks in Maharashtra



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Dahegaon Gowari	MMDR	Explored	G1	162.80	G8	0.5
2	Dahegaon Jhunki	MMDR	Explored	G1	160.82	G8	0.5
3	Dahegaon Saptadhara	MMDR	Explored	G1	97.97	G8	0.5
4	Hingna Bazargaon (Central Part)	MMDR	Partially Explored	G3	77.252	G8	--
5	Hingna Bazargaon (Northern Part)	MMDR	Partially Explored	G3	66.406	G8	--
6	Hingna Bazargaon (Southern Part)	MMDR	Partially Explored	G3	36.342	G8	--
7	Kalambi Kalmeshwar (Eastern Part)	MMDR	Partially Explored	G3	43.45	G7	--
8	Kalambi Kalmeshwar (Western Part)	MMDR	Partially Explored	G3	47.782	G7	--
9	North West of Belgaon	MMDR	Partially Explored	G2	120	G8	--
10	North West of Madheri	MMDR	Partially Explored	G2	200	G10	--
11	Sukli	MMDR	Partially Explored	G2	59.81	G8	--
12	West of Kiloni	MMDR	Explored	G1	92.521	G10	0.25
Total Maharashtra					1165.14		1.75



Summary of Coal blocks in Odisha

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Baitarni West	CMSP	Explored	G1	1152.11	G11	15
2	Bartap	MMDR	Partially Explored	G3	2500	G11	--
3	Brahmani (Revised)	MMDR	Partially Explored	G2	54.5	G12	--
4	Burapahar	MMDR	Explored	G1	547.89	G12	4
5	Chendipada (Revised)	CMSP	Partially Explored	G2	513	G10	--
6	Chhendipada-II (Revised)	CMSP	Partially Explored	G2	970	G10	--
7	Dip Extn of Belpahar	MMDR	Partially Explored	G3	2500	G10	--
8	Dip Side of Chatabar	MMDR	Partially Explored	G3	2500	G12	--
9	Jadunathpur	MMDR	Partially Explored	G2	388	G10	--
10	Kantaikoliya North	MMDR	Partially Explored	G2	196.87	G12	--
11	Kardabahal-Brahmanbil	MMDR	Explored	G1	1066.64	G12	10
12	Kendudihi	MMDR	Partially Explored	G2	763.2	G11	--
13	Kosala West (Eastern Part)	MMDR	Explored	G1	814.25	G12	1
14	Kosala West (Western Part)	MMDR	Explored	G1	785.64	G12	1



Summary of Coal blocks in Odisha



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
15	Machhakata	CMSP	Explored	G1	1377	G11	30
16	Mahanadi	CMSP	Partially Explored	G2	1971	G11	--
17	Mandakini-B	CMSP	Explored	G1	2040.36	G11	20
18	New Patrapada (Southern Part)	CMSP	Partially Explored	G2	620	G12	--
19	North of Arkhapal Srirampur	CMSP	Explored	G1	1245	G13	12
20	Nuagaon Telisahi	CMSP	Explored	G1	904.60	G11	20
21	Phuljhari East & West	MMDR	Explored	G1	2210.84	G13	10
22	Ramchandi Promotion Block (Revised)	CMSP	Explored	G1	2110	G13	12
23	Sakhigopal-B Kakurhi	MMDR	Partially Explored	G2	421	G11	--
24	Sakhigopal-B Kankili	MMDR	Partially Explored	G2	500	G11	--
25	Saradhapur North	MMDR	Explored	G1	867.90	G13	6
26	Sarapal Nuaparha	MMDR	Partially Explored	G2	430	G10	--
27	Tentuloi	MMDR	Explored	G1	1730.21	G13	2
Total Odisha					31180.10		143



Summary of Coal blocks in Telangana



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Kalyan Khani Block-6	MMDR	Explored	G1	71.87	G10	1.23
2	Sattupalli Block-III	MMDR	Explored	G1	69.65	G11	4
3	Shravanapalli	MMDR	Explored	G1	219.59	G10	2
4	Penagaddppa	CMSP	Explored	G1	47.403	G13	1.5
Total Telangana					308.78		8.73



Summary of Coal blocks in West Bengal

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Dhobbanpur	MMDR	Partially Explored	G2	66.93	G11	--
2	Jaganathpur A	CMSP	Explored	G1	267.33	G8	0.6
3	Khagra Joydev	CMSP	Explored	G1	178.27	G8	3
4	Kapasdanga-Bharkata (Northern Part)	MMDR	Partially Explored	G3	461.39	G8	--
5	Kapasdanga-Bharkata (Southern Part)	MMDR	Partially Explored	G3	460.63	G8	--
6	Makhdumnagar	MMDR	Partially Explored	G2	403.55	G9	--
7	Salbhadra-Gomarparhari	MMDR	Explored	G1	599.5	G10	8
Total West Bengal					2437.60		11.6



Summary of Lignite blocks in Rajasthan

Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Riri	MMDR	Explored	G1	182.43	B (G13-Ung)	4
2	Bigga Abhaysinghpura	MMDR	Partially Explored	G3	44.63	B (G15-Ung)	--
3	Bapeu	MMDR	Partially Explored	G3	35.584	C (G17-Ung)	--
4	Nagurda	MMDR	Partially Explored	G2	205.471	B (G15-G17)	--
5	Nagurda West	MMDR	Partially Explored	G2	26.782	B (G15-G17)	--
Total Telangana					494.90		4



Summary of Lignite blocks in Tamilnadu



Sl. No.	Block	Act	Status of Exploration	Exploration Category	Resources (MT)	Av. Grade	PRC (MTY)
1	East of Sethiathope	MMDR	Partially Explored	G2	91.117	B (G13-Ung)	--
2	Michaelpatti	MMDR	Partially Explored	G3	28.069	B (G13-G17)	--
3	Vadaseri	MMDR	Partially Explored	G2	755.2	B (G13-Ung)	--
Total Tamilnadu					874.39		--



State-wise Summary Of 8 Coal/ Lignite Blocks Under 5th/ 15th Tranche (2nd Attempt)



Summary of Coal/ Lignite blocks under 2nd attempt of 5th/ 15th tranche of auction

Sl. No.	Block	State	Act	Status of Exploration	Expl. Category	Resources (MT)	Av. Grade	PRC (MTY)
1	Choritand Tilaiya	Jharkhand	CMSP	Explored	G1	97.035	W-V	0.78
2	Datima	Chhattisgarh	CMSP	Explored	G1	13.3	G7	0.36
3	Dongrital-II	Madhya Pradesh	CMSP	Explored	G1	158.454	G7	2.9 (Phase-I)
4	Kosar Dongargaon	Maharashtra	CMSP	Explored	G1	22.61	G10	0.3
5	Mandla South	Madhya Pradesh	CMSP	Explored	G1	80.4	G7	0.3
6	Sitanala	Jharkhand	CMSP	Explored	G1	108.85	W-II	0.3
7	Sondhia	Chhattisgarh	CMSP	Explored	G1	50.178	G10	1
8	Nagurda East	Rajasthan	MMDR	Partially Explored	G2	21.69	B (G15-G17)	--
Total						552.51		5.94



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