

No.43012/13/2017-CPAM
Government of India
Ministry of Coal

Shastri Bhavan, New Delhi
Date : 22nd April, 2021

Office Memorandum

Subject:	List of UG mines and abandoned OC mines identified by CIL and SCCL for ash filling
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The undersigned is directed to refer to the recommendations dated 01.03.2019 of Expert Committee constituted by NITI Aayog for best utilization of fly ash. One of the recommendations of the Expert Committee, pertaining to MoC was identification of mines for fly ash filling and periodic updation of the list by a Task Force constituted by Ministry of Power.

2. In compliance to Expert Committee recommendations and subsequent order dated 12.02.2020 of Hon'ble NGT, MoC vide its letter dated 08.04.2020 had communicated to MoEF&CC a list of mines (21 Nos.) identified by coal PSUs for fly ash/bottom ash filling.

3. Based on the inputs received from coal PSUs, the list of mines for fly ash/bottom ash filling has now been updated. The revised list comprises of 22 mines of CIL (Annexure-I) and 10 mines of SCCL (Annexure-II).

Encl: As above



(Manish Uniyal)

Under Secretary to the Govt. of India

To,

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Annexure-I

List of CIL mines identified for fly/bottom ash filling as on 31.03.2021

Sl.No	CIL Subsidiary	Admin. Areas	Name of Mine	OC/UG	Volume (Approx) (Lakh Cu.m)	Nearby TPP's	Remarks
Ongoing mine for fly ash Dumping= 06 NOS							
1			South Balanda Q-II & III	OC	14.73	NTPC	MoU signed on 15.07.2004 and 14.57 lakh cu.m has been filled
2			Jaganath OC, Quarry IV	OC	17	Bhusan steel	Already filled with 0.558 lakh cu.m. Filling stopped from Feb, 2016 as the permission for transportation of ash has not obtained by Bhusan Steel.
3	MCL	Jaganath	Jaganath OC, Quarry VI & VII	OC	6.43 & 3.96 =10.39	NTPC	MoU for ash filling was executed on 30.07.2020 and 0.462 lakh cum has been filled.
4			South Balanda Q-I	OC	0.883	NBVL	Already filled with 0.624 lakh cu.m , Fly ash dumping is continuing .
5		Korba	Mamikpur, western quarry	OC	210	NTPC & CSPGCL	1)MoU has been signed with NTPC for filling of fly ash 105 lakh cu.m As per agreement, 2.13 lakh cu.m fly ash has been filled 2)MoU has been signed with CSPGCL for 105 lakh cu.m and as per agreement 4.17 lakh cu.m fly ash has been filled
6	SECL	Korba	Surakachhar 3&4 pit	UG	1.50 & 1.80	NTPC	MoU has been signed with NTPC on 13.10.16 for 1.50 lakh cu.m and filling has been completed. Fresh MoU with NTPC signed on 31.08.2019 for filling of 1.80 lakh cu.m. As on date 0.855 lakh cu.m has been filled.
MoU signed = 04 NOS							
7	BCCL	WJA	Murulidih (Cluster-XIII)	OC	1.5	CTPP	MoU between BCCL & DVC for Back filling Fly-Ash from Chandrapura Thermal Power plant has been signed on 14th September 2020. Safety Clearance from DGMS and Clearance from MoEFCC for dumping fly ash within 500 m range from Damodar river is yet to be obtained by DVC.
8	NCL	Block-B	Gorbi	OC	14	NTPC	MoU has been signed with NTPC on 03.01.2019. NTPC is in the process for obtaining statutory clearances.

Sl.No	CIL Subsidiary	Admin. Areas	Name of Mine	OC/UG	Volume (Approx) (Lakh Cu.m)	Nearby TPP's	Remarks
9	MCL	Jaganath	Jaganath OC, Quarry VIII	OC	17.8	NTPC	MoU for ash filling was executed on 18.09.2020.
10		Bhartpur	Bhartpur	OC	13.3	NALCO	Laying of pipeline by NALCO is under process for transportation of fly ash.
On process = 12 NOS							
11	WCL	Majri	Telwasa OC	OC	200	GMR power, Warora, SaiWardha Power, Warora	Abandoned Mine Plan (AMP) has been submitted to DGMS vide our letter no. WCL/ MA/ CTSA/ SAM/ 2020/280 and 277 dated 30.09.2020, field inspection from DGMS officials awaited. A meeting with MAHAGENCO was held on 12.02.2021 at WCL HQ. In the meeting, the guidelines of CIL on Fly ash filling in mine void was explained in detail to MAHAGENCO. The safety and environmental issues in respect of operational mines was also informed.
12		Majri	Dhorwasa OC	OC	100		
13		Majri	NavinKunada OC	OC	250		
14	SECL	Bhatgaon	Dugga	OC	170	NTPC, Korba	Abandoned Mine Plan (AMP) has been submitted to DGMS vide our letter dated 30.09.2020, DGMS visited the site on 21.11.2020. Void is filled with water
15		Bishrampur	Bishrampur	OC	17	NTPC, Korba	Bishrampur Quarry-1, partially backfilled. Part has been planted and remaining part is filled with water.
16		JamunaKotma	Jamuna OC	OC	10	NTPC,	TPPs have submitted their applications. Allotment will be done with consent of state pollution control Board.
17		Sohagpur	ShardaOC (OPQR patch & Trench T-1 patch)	OC	10.0 & 30.0	TPPS	
18	ECL	Mugma	Pusai	OC	12	MPL, Maithon	ECL has approved dumping of Fly ash in Pusai OCP.
19		Kajora	Lachipur	OC	3	DSTPS (DVC)Durgapur	ECL has approved dumping of fly ash in Lachipur Colliery & voids in Nabakajora Colliery under Kajora Area .MoU is under process
20			Nabakajora	OC	3.8		
21	Kathara	Govindpur	UG	0.85	DVC/STPS	Bottom ash could be filled in the mine void for stowing.	
22	CCL	NK	Dakra	OC	214.5	Patratu	It is a running mine and expected reserve may exhaust by 2023. Available for ash filling from 2023-24

List of SCCL Mines Identified for fly ash/Bottom ash filling as on 31.03.2021											
OC mines (1)											
Sl. No.	Comp.	Area	Name of Mine	OC	District	Area (Ha)	Volume (Lakh Cu.m)	Nearby TPP	Distance (Km)	Transport	Remarks
1	SCCL	RG-1	Medapalli OCP	OC	Peddapalli elanganana	258.31	2164.3	NTPC	5.00	Road	Mine to be closed in 2022-23
List of UG mines (9 Nos.) - suitable for Bottom ash filling											
Sl. No.	Comp.	Admin Area	Name of Mine	UG	District	Volume of ash (Cu.m/Annum)			Distance from TPPs	Transport Infra	Remarks, if any
						Utilization Potential	Actual utilization (2019-20)	Balance Potential			
2	SCCL	RG-I	GDK-1 Inc.	UG	Peddapalli	220828	164079	56748	19.41, 26.10	Road	Bottom ash and Processed OB (POB) are utilised for stowing
3	SCCL	RG-I	GDK-2 Inc.	UG	Peddapalli	283687	275582	8105	21.24, 27.94	Road	
4	SCCL	RG-II	GDK-7Lep	UG	Peddapalli	219398	219398	0	24.47, 32.00	Road	
5	SCCL	RG-II	Vakilpalli	UG	Peddapalli	18699	18699	0	32.4, 39.0	Road	
6	SCCL	SRP	RK-7 Inc.	UG	Mancherl	250948	86452	164496	13.05	Road	
7	SCCL	SRP	SRP-3 & 3A Inc.	UG	Mancherl	218879	60520	158359	12.71	Road	Bottom ash, Processed OB (POB) & Sand are utilised for stowing.
8	SCCL	SRP	IK-1A Inc.	UG	Mancherl	168467	81865	86602	15.89	Road	
9	SCCL	MM	Kasipet	UG	Mancherl	146162	94621	51541	40.62	Road	
10	SCCL	MM	RK 1A	UG	Mancherl	26240	15841	10399	25.70	Road	Bottom ash & sand are utilised for stowing.
	Total/UG					1553308	1017058	536251			