

Ref: MPL/ FY 25/24-07/002

Date: 06.07.2024

To
Member Secretary,
Jharkhand State Pollution Control Board,
T A Division Building, HEC, Dhurwa
Ranchi (Jharkhand)

Dear Sir,

Subject: - Fly ash generation, stock and utilization data regarding.

With reference to the above-mentioned subject and letter from your good office No. PC/Fly ASH/D-1828; dated: 20.092016, please find enclosed data sheet for the month of June'24.

This is for your kind information and record please.

Sincerely

For Maithon Power Ltd



Dinesh Kumar Gangwal
(Chief O&M -Services)

Cc: The Regional Officer
Jharkhand State Pollution Control Board,
Dhanbad(Jharkhand)

.Encl: Ash utilization data sheet- June' 24

Name of the Power Utility: MAITHON POWER LIMITED					Name of the Thermal Power Plant (Capacity in MW) - 1050 MW					
Details of ash utilization during the Month of Jun'2024										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.05.2024)	Ash Generated in MT during Jun'2024		Ash Utilized in MT during Jun'2024			Pond Ash Availability in MT (up to 01.07.2024)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Maithon Power Limited	34.5516	Temporary storage*	227521.0	136373	45458	127148.0	23709.0	34338.0	224157.0
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Jun'24) Ash utilized in MT			Cummulative for Year (FY 24-25)					
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	2448.00	0	0	0	0	0	0	0	0
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0	0	0	0
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant	0	0	0	0	0	0	0	0	0
	a) Dry ESP Fly Ash issued	0	0	0	0	0	0	0	0	0
	b) Pond ash issued	0	0	0	0	0	0	0	0	0
	Sub-Total	0	0	0	0	0	0	0	0	0
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	2448.00	0	0	0	0	7104.00	0	0	0
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	73003.00								
	b) RMC	0	0	0	0	0	0	0	0	0
	c) Asbestos	0	0	0	0	0	0	0	0	0
	Sub-Total	0	0	0	0	0	0	0	0	0
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued to Cement Industries (2A+2B)	73003.00	0	0	0	0	187348.0	0	0	0
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0	0	0	0	0	0	0	0
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0	0	0	0	0	0	0
5	Total Fly ash supplied to Hydro power sector	0	0	0	0	0	0	0	0	0
6	Total Fly ash used for Ash Dyke raising	0	0	0	0	0	0	0	0	0
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0	0	0	0	0	0	0	0
	b)Outside Land	0	0	0	0	0	0	0	0	0
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	0	0	0	0	0	0	0
8	Mine filling									
	a) Open cast mine	51697.00	18244	34338.00	186242.0	53397.0	87317.00			
	b) U.G.Mine	0.00	5465.00	0	0.0	23863.0	0			
	Total Fly Ash used for Mine filling	51697.00	23709.00	34338.00	186242	77260	87317.0			
9	Agriculture / waste land development									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0	0	0	0	0	0	0
9B	Pond Ash Issued forAgriculture / waste land development	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0	0	0	0	0	0	0	0
10	Others									
	a) CLSM	0	0	0	0	0	0	0	0	0
	b) Cenospheres	0	0	0	0	0	0	0	0	0
	c) Bottom ash cover	0	0	0	0	0	0	0	0	0
	d) Any other	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued for other purpose	0	0	0	0	0	0	0	0	0
	Grand Total	127148.0	23709.0	34338.0	380694.0	77260.0	87317.0			

Bottom ash -collected from the bottom of furnace

Dry ESP Fly Ash - Collected from ESP and stored in Silo

Pond Ash - Fly ash and bottom ashStored in Pond

CLSM - Controlled Low strength Material

* Ash pond is for temporary storage of ash and is then evacuated for utilisation. This is a continuous process for ash which is disposed in ash pond.