

Ref: MPL/ FY 24/22-06/011

Date:20.06.2023

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

Subject: - Quarterly Ash generation and utilization report.

Ref: Your letter no – B-629, dated: 26.02.2016.

Dear Sir,

With reference to the above-mentioned subject and letter, we are enclosing Quarterly Ash generation and utilization report for the month from Mar'23 to May'23.

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: Quarterly Ash generation and utilization report- Mar'23 to May'23.



Ref: MPL/ FY 24/23-06/006

Date: 06.06.2023

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- 20.09.2016, please find enclosed data sheet for the month of May'23.

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,
(Jharkhand)

Encl: Annexure- Ash utilization data sheet- May'23.

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 May'2023										
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 30.04.2023)	Ash Generated in MT during May'2023		Ash Utilized in MT during May'2023			Pond Ash Availability in MT (up to 01.06.2023)
					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*	353211.0	128927	42976	126517.0	25624.0	45122.0	327646.0
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (May' 2023) Ash utilized in MT			Cumulative for Year (FY 23-24)					
		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)	5001.00	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)	5001.00	0	0	10300.00	0	0	0	0	0
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	67271.00								
	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)	67271.00	0	0	136672.0	0	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	54245.00	19754	45122.00	91477.0	39056.0	63888.00			
	b) U.G.Mine	0.00	5870.00	0	0.0	13275.0	0			
	Total Fly Ash used for Mine filling	54245.00	25624.00	45122.00	91477	52331	63888.0			
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 for Agriculture / 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	126517.0	25624.0	45122.0	238449.0	52331.0	63888.0			

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 ash Stored 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.

Ref: MPL/ FY 24/23-04/002

Date: 06.05.2023

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- 20.09.2016, please find enclosed data sheet for the month of Apr'23.

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,
(Jharkhand)

Encl: Annexure- Ash utilization data sheet- Apr'23.

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 Apr'2023										
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 31.03.2023)	Ash Generated in MT during Apr'2023		Ash Utilized in MT during Apr'2023			Pond Ash Availability in MT (up to 01.05.2023)
					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*	346397.0	127858	42619	111932.0	26707.0	18766.0	353211.0
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Apr' 2023) Ash utilized in MT			Cummulative for Year (FY 23-24)					
		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)	5299.00	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)	5299.00	0	0	5299.00	0	0	0	0	0
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	69401.00								
	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)	69401.00	0	0	69401.0	0	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	37232.00	19302	18766.00	37232.0	19302.0	18766.00			
	b) U.G.Mine	0.00	7405.00	0	0.0	7405.0	0			
	Total Fly Ash used for Mine filling	37232.00	26707.00	18766.00	37232	26707	18766.0			
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 for Agriculture / 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	111932.0	26707.0	18766.0	111932.0	26707.0	18766.0			

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 ash Stored 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.



Ref: MPL/ FY 24/23-03/005

Date: 05.04.2023

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

Dear Sir,

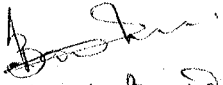
Subject: - Fly ash generation, stock and utilization data regarding.

With reference to the above mentioned subject and letter from your good office No. PC/Fly
ASH/D-1828; dated- 20.09.2016, please find enclosed data sheet for the month of Mar'23.

This is for your kind information and record please.

Sincerely

For Maithon Power Ltd


(P.K. Bhandari).

Dinesh Kumar Gangwal
(Chief O&M -Services)

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

Encl: Annexure- Ash utilization data sheet- Mar'23.

A Joint Venture of **TATA POWER & DVC**

Registered Office : Corporate Center, 34 Sant Tukaram Road, Carnac Bunder, Mumbai 400 009, Tel: 91 22 67171232

Works : Village Dambhui, P.O.Barbindia, P.S.Nirsa, District Dhanbad 828 205, Jharkhand

Tel: +91 6540 278001/50 Fax: +91 6540 278040/ +91 8860075658

Corporate Identity Number (CIN) : U74899MH2000PLC267297, Website Address : www.tatapower.com/mpi

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 Mar'2023										
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 28.02.2023)	Ash Generated in MT during Mar'2023		Ash Utilized in MT during Mar'2023			Pond Ash Availability in MT (up to 01.04.2023)
					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*	359708.0	116421	38807	103392.0	23890.0	41257.0	346397.0
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Mar' 2023) Ash utilized in MT			Cumulative for Year (FY 22-23)					
		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)	5307.00	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)	5307.00	0	0	85754.00	0	0	0	0	0
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	77423.00								
	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)	77423.00	0	0	592304.0	0	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	20662.00	17688	41257.00	351490.0	275008.0	387549.00			
	b) U.G.Mine	0.00	6202.00	0	0.0	56272.0	0			
	Total Fly Ash used for Mine filling	20662.00	23890.00	41257.00	351490	331280	387549.0			
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 for Agriculture / 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	103392.0	23890.0	41257.0	1029548.0	331280.0	387549.0			

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 ash Stored 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.