

Name of the Power Utility: MAHAGENCO		Name of the Thermal Power Plant (Capacity in MW)- BHUSAWAL TPS. (1210 MW)								
Details of ash utilization during the Month of Jan- 2021										
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 31.12.2021)	Ash Generated in MT during the Jan- 2021		Ash Utilized in MT during Jan- 2021			Pond Ash Availability in MT (up to 31.1.2021)
					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	VELHALA ASH BUND NO.3	115	Up to 2021	6749727.40	107918.08	46250.60	85080.96	0	69447	6749368.12
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Jan - 2021)			Ash utilized in MT			Cumulative for Year (FY 20-21)		
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	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)	13848.46	0	0						
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)			46270						
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant	0								
	a) Dry ESP Fly Ash issued	0								
	b) Pond ash issued	0								
	Sub-Total	13848.46	0	46270						
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	13848.46	0	46270			92809.15			383467.00
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	71232.5	0	0						
	b) RMC	0	0							
	c) Asbestos	0	0							
	Sub-Total	71232.5	0							
2B	Pond Ash Issued to Cement Industries	0	0	0						
	Total Fly Ash Issued to Cement Industries (2A+2B)	71232.5	0	0			452044.19			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0						
3B	Pond Ash Issued for Road construction (Outside)	0	0	23100						
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0	23100						211169.00
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0						
5	Total Fly ash supplied to Hydro power sector	0	0	0						
6	Total Fly ash used for Ash Dyke raising	0	0	0						
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0	0						
	b)Outside Land	0	0	0						
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	0						
8	Mine filling									
	a) Open cast mine	0	0	0						
	b) U.G.Mine	0	0	0						
	Total Fly Ash used for Mine filling	0	0	0						
9	Agriculture / waste land development									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0						
9B	Pond Ash Issued for Agriculture / waste land development			77						
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)			77						560.00
10	Others									
	a) CLSM	0								
	b) Cenospheres	0								
	c) Bottom ash cover	0								
	d) Any other (Ash Bund Raising)	0		0						
	Total Fly Ash Issued for other purpose	0		0						0.00
	Grand Total	85080.96		69447			544853.34			595196

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