

Details of ash utilization during the Month of Mar 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 28.02.2021)	Ash Generated in MT during the Mar 2021		Ash Utilized in MT during Mar 2021			Pond Ash Availability in MT (up to 31.03.2021)
					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	Rosa Ash Dyke			1035000	109474		88136		50915	1005423

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	(For the Month Mar 2021) Ash utilized in MT			Cumulative for Year (FY 20-21) Ash Utilized in MT		
		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)	133			3892		
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)						
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant						
	a) Dry ESP Fly Ash issued	874			2012		
	b) Pond ash issued	0					
	Sub-Total	874			2012		
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	1007			5904		
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement	71408			886575		
	b) RMC	14786			151029		
	c) Asbestos	0			0		
	Sub-Total	86194			1037604		
2B	Pond Ash Issued to Cement Industries						
	Total Fly Ash Issued to Cement Industries (2A+2B)	86194			1037604		
3	Roads, Fly over /Rail Embankment						
3A	Dry ESP Fly Ash Issued for Road construction (Outside)						
3B	Pond Ash Issued for Road construction (Outside)						
	Total Fly Ash Issued for Road Construction (3A+3B)						
4	Total Fly Ash issued for Part replacement of cement in concrete	0			0		
5	Total Fly ash supplied to Hydro power sector						
6	Total Fly ash used for Ash Dyke raising						
7	Landfill/Reclamation of low lying area						
	a) Power Utility Own Land			20366			149510
	b) Outside Land			30549			224265
	Total Fly Ash used for Landfill/Reclamation of low lying area			50915			373775
8	Mine filling						
	a) Open cast mine						
	b) U.G.Mine						
	Total Fly Ash used for Mine filling						
9	Agriculture / waste land development						
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development						
9B	Pond Ash Issued for Agriculture / waste land development						
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)						
10	Others						
	a) CLSM						
	b) Cenospheres	0			101		
	c) Bottom ash cover	935			12515		
	d) Any other						3582138*
	Total Fly Ash Issued for other purpose						
	Grand Total	88136			50915		1056124
							3955913

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

*As per "Feasibility Analysis Report for safe evacuation of Ash from existing operating ash pond at Rosa Thermal" by IIT Roorkee, 3582138 MT Ash should be kept for bund safety and which cannot be evacuate . Hence 3582138 MT from legacy of Ash is treated as ash utilisation in view of bund safety.