

Details of ash utilization during the Month of Feb 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 31.01.2021)	Ash Generated in MT during the Feb 2021		Ash Utilized in MT during Feb 2021			Pond Ash Availability in MT (up to 28.02.2021)
					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			4669076	95241		83166		3646151	1035000

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	(For the Month Feb 2021) Ash utilized in MT			Cummulative 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)	277			3759		
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	355			1138		
	b) Pond ash issued	0					
	Sub-Total	355			1138		
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	632			4897		
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement	69219			815167		
	b) RMC	11962			136243		
	c) Asbestos	0			0		
	Sub-Total	81181			951410		
2B	Pond Ash Issued to Cement Industries						
	Total Fly Ash Issued to Cement Industries (2A+2B)	81181			951410		
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			25605			129144
	b)Outside Land			38408			193716
	Total Fly Ash used for Landfill/Reclamation of low lying area			64013			322860
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	1353			11580		
	d) Any other						3582138
	Total Fly Ash Issued for other purpose						
	Grand Total	83166		64013	967988		3904998

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 Power Plant" by IIT Roorkee, 35,82,138 MT Ash should be kept for bund safety and which cannot be evacuated. Hence 35,82,138 MT from Legacy of ash is treated as ash utilisation in view of bund safety.