

Utility:	Tata Power - Mundra		Name of thermal Power Plant Utility ( Capacity in MW):	MTPS (830*5 MW)					
Details of Ash Utilization during the month of: Dec, 2024									
Sl. No.	Name of Ash Disposal	Ash Disposal area in Hectare	Design life of Ash disposal area	Pond Ash availability in MT (upto 30.11.2023) **	Ash generated in MT in Month		Ash Utilized in MT in month		Pond Ash availability in MT (upto 31.12.2023)
					ESP Fly Ash	Bottom Ash Fly Ash	Dry ESP Fly Ash	Pond (Bottom + Wet Fly) Fly Ash	
1	Ash pond	64	6*	81171	95872	16919	98152	46186	49623

**ASH UTILIZATION DETAILS :**

Sl.No.	Area of utilization	UoM	For the month of Ash Utilized in MT		Cumulative for the Year (FY 24) Ash Utilized in MT	
			Dry ESP Fly Ash	Pond (Bottom + Wet Fly) Fly Ash	Dry ESP Fly Ash	Pond (Bottom + Wet Fly) Fly Ash
1	Bricks/ Blocks/ Tiles industries	MT				
1A	Dry ESP Fly Ash issued to Bricks/ Blocks/ Tiles industries	MT				
1B	Pond Ash issued to Bricks/ Blocks/ Tiles industries	MT				
1C	Pond Ash issued to Bricks/ Blocks/ Tiles industries	MT				
	a) Dry ESP Fly Ash issued	MT				
	b) Pond Ash issued	MT				
	Sub Total	MT				
	Total Fly Ash issued to Bricks/ Blocks/ Tiles industries	MT				
2	Cement Industries	MT				
2A	Dry ESP Fly Ash issued to Cement Industries	MT				
	a) Cement	MT	46,425		300,559	
	b) RMC	MT	46,533		183,742	
	c) Asbestos	MT				
	Sub Total	MT	92,959		484,301	
2B	Pond Ash issued to Cement Industries	MT		0		0
	Total Fly Ash issued to Cement Industries (2A+2B)	MT	92,959	0	484,301	0
3	Road, Fly over/ Rail Embankment	MT				
3A	Dry ESP Fly Ash issued for Road construction (outside)	MT				
3B	Pond Ash issued for Road construction (outside)	MT		46,186		179,350
	Total Pond Ash issued for Road Construction (3A+3B)	MT	0	46,186	0	179,350
4	Total Fly Ash issued for Part replacement of Cement in concrete	MT				
5	Total Fly Ash supplied to Hydro Power sector	MT				
6	Total Fly Ash issued for Ash Dyke raising	MT				
7	Land fill/ Reclamation of Low lying area	MT				
	a) Power Utility Own Land	MT				
	b) Outside Land	MT				
	Total Fly Ash for Land fill/ Reclamation of Low lying area	MT				
8	Mine filling	MT				
	a) Open cast mine	MT				
	b) UG mine	MT				
	Total Fly Ash used for Mine filling	MT				
9	Agriculture/ Waste land development	MT				
9A	Dry ESP Fly Ash issued for Agriculture/ Waste land development	MT				
9B	Pond Ash issued for Agriculture/ Waste land development	MT				
	Total Fly Ash issued for Agriculture/ Waste land development (9A+9B)	MT				
10	Others	MT				
	a) CLSM	MT				
	b) Cenospheres	MT				
	c) Bottom Ash Cover	MT				
	d) Any other	MT	5,193		33,999	
	Total Fly Ash used for other purpose	MT	5,193		33,999	
	Grand Total	MT	98,152	46,186	518,300	179,350

\*\* Legacy Ash Under Stabilization (MT) = 1488291

Bottom Ash- collected from Bottom of Furnace  
Dry ESP Fly Ash- Collected from ESP & stored in silo  
Pond Ash- Fly Ash and Bottom ash stored in pond

\* 6 year is the design life with no utilization of Bottom Ash and Fly Ash

CLSM- Controlled low strength material