

Name of the Power Utility : Adani Dahanu Thermal Power Station (2 x 250 MW)

Details of ash utilization during the Month of July-23										
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)	Ash Generated in MT during the July-23		Ash Utilized in MT during the July-23			Pond Ash Availability in MT (up to)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash **	
				31/03/2023						31/07/2023
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ADTPS Ash Ponds	370	25	416,813	52,320	22,423	18,191	0	0	585,071
2										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month July-23		Ash utilized in MT		Cumulative for Year (FY 23-24) 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)	-	-	-	-	-	-	-	-	-
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	-	-	0	-	-	-	-	-	0
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant	-	-	-	-	-	-	-	-	-
	a) Dry ESP Fly Ash issued	0	-	-	0	-	-	-	-	-
	b) Pond ash issued	-	-	-	-	-	-	-	-	-
	Sub-Total	0	-	-	0	-	-	-	-	-
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	0	-	0	0	-	-	-	-	0
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	-	-	-	-	-	-	-	-	-
	b) RMC	18190.91	-	-	-	143502.34	-	-	-	-
	c) Asbestos	-	-	-	-	-	-	-	-	-
	Sub-Total	18190.91	-	-	-	143502.34	-	-	-	-
2B	Pond Ash Issued to Cement Industries	-	-	-	-	-	-	-	-	-
	Total Fly Ash Issued to Cement Industries (2A+2B)	18190.91	-	-	-	143502.34	-	-	-	-
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	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
	b) Outside Land	-	-	-	-	-	-	-	-	-
	Total Fly Ash used for Landfill/Reclamation of low lying area	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
	c) Bottom ash cover	-	-	-	-	-	-	-	-	-
	d) Any other #	-	-	0	-	-	-	-	-	0
	Total Fly Ash Issued for other purpose	-	-	0	-	-	-	-	-	0
*	Grand Total	18190.91	-	0	0	143502.34	-	-	-	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

Note: Vegetation / Plantation is completed on the abandoned Ash Ponds no 1 & 2. We have done vegetation / plantation directly on Ash. Till March 2023, vegetation / plantation on 61.01 Lacs MT Ash has been completed. This has been done as per MoEF CC Fly Ash notification Dec-2021 and its amendment as on Dec-2022. Hence, vegetation on entire legacy ash is completed. ADTPS left with only one operational ash pond i.e Ash No. 03. Simultaneous disposal and lifting of pond ash from the same pond is not possible as the entire pond is wet.