

Name of the Power Utility: Vindhyachal Super Thermal Power Station	Name of the Thermal Power Plant (4760 MW)
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Details of ash utilization during the Month of Dec 2017

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 31.03.2017)	Ash Generated in MT during the Dec'2017		Ash Utilized in MT during Dec'2017			Pond Ash Availability in Million MT (up to 31.12.2017)
					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	V1, V2, V3A & V4B	890.869		57.09 MnT	533421	133355	33490	66678	22000	62.23 MnT
2										
3										

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (Dec 2017) Ash utilized in MT			Cummulative for Year (FY 17-18) 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)	15120	0	0	79040	0	0
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant						
	a) Dry ESP Fly Ash issued	2690	0	0	7710	0	0
	b) Pond ash issued	0	0	0	0	0	0
	Sub-Total	2690	0	0	7710	0	0
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	17810	0	0	86750	0	0
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement	680	0	0	30480	0	0
	b) RMC	0	0	0	0	0	0
	c) Asbestos	0	0	0	1280	0	0
	Sub-Total	680	0	0	31760	0	0
2B	Pond Ash Issued to Cement Industries		0	0		0	0
	Total Fly Ash Issued to Cement Industries (2A+2B)	680	0	0	31760	0	0
3	Roads, Fly over /Rail Embankment						
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0	0	0	0	0
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0	0	0	0
5	Total Fly ash supplied to Hydro power sector	0	0	0	0	0	0
6	Total Fly ash used for Ash Dyke raising	15000	0	0	0	0	83396
7	Landfill/Reclamation of low lying area						
	a) Power Utility Own Land	0	0	20,000	0	0	29600
	b) Outside Land	0	0	2,000	0	0	6920
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	22000	0	0	36520
8	Mine filling						
	a) Open cast mine	0	0	0	0	0	0
	b) U.G.Mine	0	0	0	0	0	0
	Total Fly Ash used for Mine filling	0	0	0	0	0	0
9	Agriculture / waste land development						
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0	0	0	0
9B	Pond Ash Issued for Agriculture / waste land development	0	0	0	0	0	0
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0	0	0	0	0
10	Others						
	a) CLSM	0	0	0	0	0	0
	b) Cenospheres	0	0	0	0	0	0
	c) Bottom ash cover	0	66,678	0	0	598116	0
	d) Any other	0	0	0	0	0	0
	Total Fly Ash Issued for other purpose	0	66678	0	0	598116	0
	Grand Total	33490	66678	22000	118510	598116	119916

TOTAL ASH UTILIZATION

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