

Name of the Power Utility: NTPC

Rihand (3000 MW)

Details of ash utilization during the Month of Oct. 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 October 2017		Ash Utilized in MT during October 2017			Pond Ash Availability in MT (up to 31.10.2017)
					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	central and mithini ash dyke lagoon I & II	495.8	up to 2025 with all three stage	29330000	344913	86228.2	14328	5000	30063	31526941.06
2										
3										

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (October' 2017) Ash utilized in MT			Cumulative 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)	13010	0	0	54930	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	708	0	0	4168	0	0
	b) Pond ash issued	0	0	0	0	0	0
	Sub-Total	708	0	0	4168	0	0
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	13718	0	0	59098	0	0
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement	0	0	0	120	0	0
	b) RMC	0	0	0	0	0	0
	c) Asbestos	610	0	0	4262	0	0
	Sub-Total	610	0	0	4382	0	0
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0
	Total Fly Ash Issued to Cement Industries (2A+2B)	610	0	0	4382	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	0	0	10000	0	2000	270148.94
7	Landfill/Reclamation of low lying area						
	a) Power Utility Own Land	0	0	20000	0	0	39778
	b) Outside Land	0	0	0	0	0	12500
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	20000	0	0	52278
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	63	0	0	399
	c) Bottom ash cover	0	5000	0	0	5000	0
	d) Any other	0	0	0	0	0	0
	Total Fly Ash Issued for other purpose	0	5000	63	0	5000	399
	Grand Total	14328	5000	30063	63480	7000	322825.94

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