

Name of the Power Utility: NTPC					Rihand (3000 MW)					
Details of ash utilization during the Month of Nov. 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 November 2017		Ash Utilized in MT during November 2017			Pond Ash Availability in MT (up to 30.11.2017)
					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	298877	74719.2	14821	972	56771	31827973.06
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (November' 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)	13434	0	0	68364	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	243	0	0	4411	0	0			
	b) Pond ash issued	0	0	0	0	0	0			
	Sub-Total	243	0	0	4411	0	0			
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	13677	0	0	72775	0	0			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	104	0	0	224	0	0			
	b) RMC	0	0	0	0	0	0			
	c) Asbestos	1040	0	0	5302	0	0			
	Sub-Total	1144	0	0	5526	0	0			
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0			
	Total Fly Ash Issued to Cement Industries (2A+2B)	1144	0	0	5526	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	16708	0	2000				286856.94
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0	0	0	0	0			39778
	b) Outside Land	0	0	40000	0	0	0			52500
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	40000	0	0	0			92278
8	Mine filling									
	a) Open cast mine	0	0	0	0	0	0			0
	b) U.G.Mine	0	0	0	0	0	0			0
	Total Fly Ash used for Mine filling	0	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			0
9B	Pond Ash Issued for Agriculture / waste land development	0	0	0	0	0	0			0
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0	0	0	0	0			0
10	Others									
	a) CLSM	0	0	0	0	0	0			0
	b) Cenospheres	0	0	63	0	0	0			462
	c) Bottom ash cover	0	0	0	0	0	5000			0
	d) Any other	0	972	0	0	0	972			0
	Total Fly Ash Issued for other purpose	0	972	63	0	0	5972			462
	Grand Total	14821	972	56771	78301	7972				379596.94

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