

Name of the Power Utility: NTPC					Name of the Thermal Power Plant ( Capacity in MW) -BARH					
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	Starter Ash dyke lagoon 1&2	249.29	2022	31.5 LMT	182116	45529	23750		129420	4.61
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Dec. 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)	12052					102016			
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)									
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	a) Dry ESP Fly Ash issued	0					2450			
	b) Pond ash issued									
	<b>Sub-Total</b>									
	<b>Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)</b>	12052					104466			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement									
	a) Cement	11698					86325			
	b) RMC									
	c) Asbestos									
	<b>Sub-Total</b>									
2B	Pond Ash Issued to Cement Industries									
	<b>Total Fly Ash Issued to Cement Industries (2A+2B)</b>									19425
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)									
3B	Pond Ash Issued for Road construction (Outside)				129420					145710
	<b>Total Fly Ash Issued for Road Construction (3A+3B)</b>									
4	<b>Total Fly Ash issued for Part replacement of cement in concrete</b>									
5	<b>Total Fly ash supplied to Hydro</b>									
6	<b>Total Fly ash used for Ash Dyke</b>									
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land									
	b)Outside Land									
	<b>Total Fly Ash used for Landfill/Reclamation of low lying area</b>									
8	Mine filling									
	a) Open cast mine									
	b) U.G.Mine									
	<b>Total Fly Ash used for Mine filling</b>									
9	Agriculture / waste land									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development									
9B	Pond Ash Issued for Agriculture / waste land development									
	<b>Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)</b>									
10	Others									
	a) CLSM									
	b) Cenospheres									
	c) Bottom ash cover									
	d) Any other									
	<b>Total Fly Ash Issued for other purpose</b>									
	<b>Grand Total</b>	23750					190791			165135

**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