

M/S NTPC LTD				TALCHER SUPER THERMAL POWER STATION (3000 MW)						
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 Sep 2017		Ash Utilized in MT during Sep 2017			Pond Ash Availability in MT (up to 30.09.2017)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
1	Stg - I Total area 750 acres (L-1: 230 Acre & L-2: 280 acres)	510		69331000	471602	117901	5808	0	225000	72241400
2	Stg - II Total area 850 acres (L-1: 144 Acre & L-2: 109 acres)	253								

ASH UTILIZATION DETAILS							
Sl. No.	Area of Utilization	For the Month (Aug 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)	3436			28731		
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	704			4979		
	b) Pond ash issued						
	Sub-Total						
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)						
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement						
	b) RMC						
	c) Asbestos	1668			12248		
	Sub-Total						
2B	Pond Ash Issued to Cement Industries						
	Total Fly Ash Issued to Cement Industries (2A+2B)						
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			225000			968031
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						
	Total Fly Ash Issued for other purpose						
	Grand Total	5808		225000	45958	0	968031
	TOTAL ASH UTILIZATION		230808				1013989

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 ashStored in Pond
CLSM - Controlled Low strength Material

Dry ESP Fly Ash - Collected from ESP and stored in Silo
Pond Ash - Fly ash and bottom ashStored in Pond
CLSM - Controlled Low strength Material