

NTPC, SINGRAULI SUPER THERMAL POWER STATION				CAPACITY : 2000 MW						
Details of ash utilization during the Month of DECEMBER 2017 (PROVISIONAL)										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in Million Tonnes (up to 31.03. 2017)	Ash Generated in MT during Dec 2017		Ash Utilized in MT during Dec 2017			Pond Ash Availability in Million Metric Tonnes (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	Ash Dyke S1 & S2	326	Approx 10 year	67.38	196336	49084	1098	0	65310	69.91
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (December 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)	0	0	0	0	0	0	0	0	0
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0								
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	a) Dry ESP Fly Ash issued	973					2713			
	b) Pond ash issued									
	Sub-Total	973	0	0			2713	0	0	0
	Total Fly Ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	973	0	0			2713	0	0	0
2	Cement Industries									
	Dry ESP Fly Ash Issued to Cement									
2A	a) Cement	0	0	0	0	0	0	0	0	0
	b) RMC	0	0	0	0	0	0	0	0	0
	c) Asbestos	125	0	0	11350	0	0	0	0	0
	Sub-Total	125	0	0	11350	0	0	0	0	0
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued to Cement Industries (2A+2B)	125	0	0	11350	0	0	0	0	0
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0	0	0	0	0	0	0	0
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0	0	0	0	0	0	0
5	Total Fly ash supplied to Hydro power sector	0	0	0	0	0	0	0	0	0
6	Total Fly ash used for Ash Dyke raising	0	0	53200	0	0	0	0	113400	
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land		0	12110	0	0	0	0	101310	
	b)Outside Land	0	0	0	0	0	0	0	0	
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	12110	0	0	0	0	101310	
8	Mine filling									
	a) Open cast mine									
	b) U.G.Mine									
	Total Fly Ash used for Mine filling	0	0	0	0	0	0	0	0	0
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)	0	0	0	0	0	0	0	0	0
10	Others									
	a) CLSM	0	0	0	0	0	0	0	0	0
	b) Cenospheres	0	0	0	0	0	0	0	0	0
	c) Bottom ash cover	0	0	0	0	0	0	0	0	0
	d) Any other	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued for other purpose	0	0	0	0	0	0	0	0	0
	Grand Total	1098	0	65310	14063	0	214710			
	TOTAL ASH UTILIZATION			66408			228773.0			

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 ashStored in Pond
 CLSM - Controlled Low strength Material