

NTPC, SIPAT SUPER THERMAL POWER STATION					CAPACITY : 2980 MW					
Details of ash utilization during the Month of JUN 2017										
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 the Jun 2017		Ash Utilized in MT during Jun 2017			Pond Ash Availability in Million Tonnes ( up to 30.06.2017)
					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	431.48	Upto 2026	25.91	347629.1	86907.28	62106.6	1500	11724	26.86
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (Jun 2017) utilized in MT			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	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)	21629.42	0	0	67526.27	0	0			
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									
	b) Pond ash issued									
	<b>Sub-Total</b>	0	0	0	0	0	0	0	0	0
	<b>Total fly ash Issued to Bricks/Block/Tile Industries</b>	21629.42	0	0	67526.27	0	0			
2	Cement Industries									
	Dry ESP Fly Ash Issued to Cement									
2A	a) Cement	39143.93	0	0	151833.67	0	0			
	b) RMC	0	0	0	0	0	0			
	c) Asbestos	0	0	0	0	0	0			
	<b>Sub-Total</b>	39143.93	0	0	151833.67	0	0			
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0			
	<b>Total Fly Ash Issued to Cement Industries (2A+2B)</b>	39143.93	0	0	151833.67	0	0			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	1333.25	0	0	4627.05	0	0			
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0			5600
	<b>Total Fly Ash Issued for Road Construction (3A+3B)</b>	1333.25	0	0	4627.05	0	0			5600
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0	0	0	0			0
5	Total Fly ash supplied to Hydro power sector	0	0	0	0	0	0			0
6	Total Fly ash used for Ash Dyke raising	0	1500	0	0	1500	0			0
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0	0	0	0	0			10216
	b)Outside Land	0	0	11724	0	0	0			29122
	<b>Total Fly Ash used for Landfill/Reclamation of low lying area</b>	0	0	11724	0	0	0			39338
8	Mine filling									
	a) Open cast mine									
	b) U.G.Mine									
	<b>Total Fly Ash used for Mine filling</b>	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									
	<b>Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)</b>	0	0	0	0	0	0			0
10	Others									
	a) CLSM	0	0	0	0	0	0			0
	b) Cenospheres	0	0	0	0	0	0			93.2
	c) Bottom ash cover	0	0	0	0	0	0			0
	d) Any other	0	0	0	0	0	0			0
	<b>Total Fly Ash Issued for other purpose</b>	0	0	0	0	0	0			93.2
	<b>Grand Total</b>	62106.6	1500	11724	223986.99	1500	45031.2			
	<b>TOTAL ASH UTILIZATION</b>			75330.6			270518.2			

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