



**TRM/ENV/2020/11/65**

**Dated: 05.11.2020**

To,  
**Shri LALIT KUMAR**-Chief Engineer  
Thermal Civil Design Division,  
Central Electricity Authority,  
Sewa Bhawan, R K Puram, Sector-1,  
New Delhi-110 066.

**Sub: Ash Generation and Utilization information to CEA.**

**Ref: Letter No 9/7/2011-ST-Th dated 27<sup>th</sup> July 2017.**

Dear Sir,

This is with reference to your letter referred above, we are herewith submitting ash generation and utilization details for the month of **October 2020** as per format given by your office.

This is for your information.

Thanking You.

Yours faithfully,

**For The TATA Power Co Ltd.,**

**Anil Jain**

**Chief-Trombay Station.**

**TATA POWER**

**The Tata Power Company Limited**

Trombay Thermal Power Station Mahul Road Chembur Mumbai 400 074

Tel 91 22 5668 7000 to 7011

Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001

CIN : L28920MH1919PLC000567 Website : [www.tatapower.com](http://www.tatapower.com) Email : [tatapower@tatapower.com](mailto:tatapower@tatapower.com)



Name of the Power Utility: THE TATA POWER COMPANY LIMITED	Name of the Thermal Power Plant ( Capacity in MW) TROMBAY THERMAL POWER STATION (750 MW)
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**Details of ash utilization during the Month of OCTOBER 2020**

Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area (Years)	Ash Availability in MT (up to 30.09.2020)		Ash Generated in MT during the Oct 2020			Ash Utilized in MT during Oct 2020			Ash Availability in MT ( up to 31.10.2020)	
				# Fly ash	Bottom ash	ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	Fly ash	# # Bottom ash	
(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)	(10)	(11)		
1	Bottom Ash Pond	0.4	2*	82	1770.29	3651.39	405.71	3653.39	0.00	0	80	2176	
2													
3													

**ASH UTILIZATION DETAILS**

Sl. No.	Area of Utilization	For the Month (Oct 2020)			Ash utilized in MT			Cummulative for Year (FY 20-21) Utilized in MT			Ash
		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	397.54						1591.54			
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)										
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										
	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	3255.85	0	0				15422.43	0	0	
	c) Asbestos										
	Sub-Total										
2B	Pond Ash Issued to Cement Industries										
	Total Fly Ash Issued to Cement industries (2A+2B)		0	0					0	0	
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										
6	Total Fly ash used for Ash Dyke raising										
7	Landfill/Reclamation of low lying area										
	a) Power Utility Own Land										
	b) Outside Land	0	0					3165.97			
	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) Canspheres										
	c) Bottom ash cover										
	d) Any other										
	Total Fly Ash Issued for other purpose										
	<b>Grand Total</b>	<b>3653.39</b>	<b>0</b>	<b>0</b>				<b>20179.94</b>	<b>0</b>		

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

\* Evacuation of Bottom ash being done regularly.  
 # ESP Fly ash stored in silo's and it is directly disposed to RMC in dry form.  
 ## Bottom ash stored in pond

Prepared By <i>R R Kamath</i> R R Kamath-Lead Engineer	Reviewed By <i>Naresh Patil</i> Naresh Patil Head Environment	Approved By <i>Anil K Jain</i> Anil K Jain-Chief Trombay Station
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