



TRM/ENV/2024/089/41

03.09.2024

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 **August 2024** as per format given by your office.

This is for your information.

Thanking You.

Yours faithfully,

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

**Shirish Kamat**

**Chief-Trombay Station.**

**TATA POWER**

**The Tata Power Company Limited**

Trombay Thermal Power Station Mahul Road Chembur Mumbai 400 074

Tel 91 22 6717 1000 (Direct) 6717 5034

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)

**Details of ash utilization during the Month of August 2024**

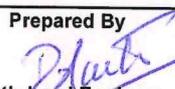
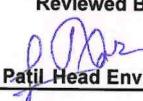
| Sl. No. | Name of Ash Disposal Area | Ash disposal area in Hectare | Design Life of Ash disposal area (Years) | Ash Availability in MT (up to 31.7.2024) |           | Ash Generated in MT during the Aug 2024 |            |                 | Ash Utilized in MT during Aug 2024 |          |         | Ash Availability in MT ( up to 31.08.2024) |  |
|---------|---------------------------|------------------------------|--|--|-----------|---|------------|-----------------|------------------------------------|----------|---------|--|--|
|         |                           |                              |  | # Fly ash                                | Botom ash | ESP Fly Ash                             | Bottom Ash | Dry ESP Fly Ash | Bottom Ash                         | Pond Ash | Fly ash | ## Botom ash                               |  |
| (1)     | (2)                       | (3)                          | (4)                                      | (5)                                      |           | (6)                                     | (7)        | (8)             | (9)                                | (10)     | (11)    |  |  |
| 1       | Bottom Ash Pond           | 0.4                          | 2*                                       | 333                                      | 2634.73   | 6812.22                                 | 756.91     | 6960.22         | 0.00                               | 0        | 185     | 3391.64                                    |  |
| 2       |                           |                              |  |  |           |   |            |                 |                                    |          |         |  |  |
| 3       |                           |                              |  |  |           |   |            |                 |                                    |          |         |  |  |

**ASH UTILIZATION DETAILS**

| Sl. No. | Area of Utilization  | For the Month (Aug 2024) |            |          | Ash utilized in MT |            |          | Cumulative for Year (FY 24-25) 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       | <b>Bricks/Blocks/Tiles industries</b>                                      |                          |            |          |                    |            |          |   |            |          |     |
| 1A      | Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)         | 327.75                   |            |          |                    |            | 2319.63  | 674.47  |            |          |     |
| 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>   |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)</b>     |                          |            |          |                    |            |          |   |            |          |     |
| 2       | <b>Cement Industries</b>   |                          |            |          |                    |            |          |   |            |          |     |
| 2A      | Dry ESP Fly Ash Issued to Cement Industries                                |                          |            |          |                    |            |          |   |            |          |     |
|         | a) Cement  |                          |            |          |                    |            |          |   |            |          |     |
|         | b) RMC   | 6632.47                  | 0          | 0        |                    |            | 34258.19 | 0   |            | 0        |     |
|         | c) Asbestos  |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Sub-Total</b>   |                          |            |          |                    |            |          |   |            |          |     |
| 2B      | Pond Ash Issued to Cement Industries                                       |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Total Fly Ash Issued to Cement Industries (2A+2B)</b>                   |                          | 0          | 0        |                    |            |          | 0   |            | 0        |     |
| 3       | <b>Roads, Fly over /Rail Embankment</b>                                    |                          |            |          |                    |            |          |   |            |          |     |
| 3A      | Dry ESP Fly Ash Issued for Road construction (Outside)                     |                          |            |          |                    |            |          |   |            |          |     |
| 3B      | Pond Ash Issued for Road construction (Outside)                            |                          |            |          |                    |            |          |   |            |          |     |
|         | <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 power</b>                               |                          |            |          |                    |            |          |   |            |          |     |
| 6       | <b>Total Fly ash used for Ash Dyke raising</b>                             |                          |            |          |                    |            |          |   |            |          |     |
| 7       | <b>Landfill/Reclamation of low lying area</b>                              |                          |            |          |                    |            |          |   |            |          |     |
|         | a) Power Utility Own Land  |                          |            |          |                    |            |          |   |            |          |     |
|         | b) Outside Land  |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Total Fly Ash used for Landfill/Reclamation of low lying area</b>       |                          |            |          |                    |            |          |   |            |          |     |
| 8       | <b>Mine filling</b>  |                          |            |          |                    |            |          |   |            |          |     |
|         | a) Open cast mine  |                          |            |          |                    |            |          |   |            |          |     |
|         | b) U.G.Mine  |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Total Fly Ash used for Mine filling</b>                                 |                          |            |          |                    |            |          |   |            |          |     |
| 9       | <b>Agriculture / waste land development</b>                                |                          |            |          |                    |            |          |   |            |          |     |
| 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      | <b>Others</b>  |                          |            |          |                    |            |          |   |            |          |     |
|         | a) CLSM  |                          |            |          |                    |            |          |   |            |          |     |
|         | b) Censpheres  |                          |            |          |                    |            |          |   |            |          |     |
|         | c) Bottom ash cover within Plant   |                          |            |          |                    |            |          |   | 18.66      |          |     |
|         | d) Any other   |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Total Fly Ash Issued for other purpose</b>                              |                          |            |          |                    |            |          |   |            |          |     |
|         | <b>Grand Total</b>   | 6960.22                  | 0.00       |          |                    |            | 36577.82 | 693.13  |            |          |     |

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<br><br><b>R R Kamath-Lead Engineer</b> | Reviewed By<br><br><b>Naresh Patil-Head Environment</b> | Approved By<br><br><b>Shrish Kamat-Chief Trombay Station</b> |
|---|--|---|