

## Details of ash utilization during the Month of Oct 2021

| 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 30.09.2021) | Ash Generated in MT during the Oct 2021 |            | Ash Utilized in MT during Oct 2021 |            |          | Pond Ash Availability in MT (up to 31.10.2021) |
|---------|---------------------------|------------------------------|----------------------------------|--|---|------------|------------------------------------|------------|----------|--|
|         |                           |                              |                                  |  | 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       | Rosa Ash Dyke             |                              |                                  | 1153978  | 93388                                   |            | 76903                              |            | 8520     | 1161943  |

## ASH UTILIZATION DETAILS

| Sl. No. | Area of Utilization   | (For the Month Oct 2021)<br>Ash utilized in MT |            |          | Cummulative for Year (FY 21-22)<br>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  |            |          | 496   |            |          |
| 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   | 1693   |            |          | 7369  |            |          |
|         | b) Pond ash issued  | 0  |            |          |   |            |          |
|         | Sub-Total   | 1693   |            |          | 7369  |            |          |
|         | Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)     | 1693   |            |          | 7865  |            |          |
| 2       | Cement Industries   |  |            |          |   |            |          |
| 2A      | Dry ESP Fly Ash Issued to Cement Industries                         |  |            |          |   |            |          |
|         | a) Cement   | 59697  |            |          | 472111  |            |          |
|         | b) RMC  | 13929  |            |          | 93619   |            |          |
|         | c) Asbestos   | 0  |            |          | 0   |            |          |
|         | Sub-Total   | 73626  |            |          | 565730  |            |          |
| 2B      | Pond Ash Issued to Cement Industries                                |  |            |          |   |            |          |
|         | Total Fly Ash Issued to Cement Industries (2A+2B)                   | 73626  |            |          | 565730  |            |          |
| 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     | 26   |            |          | 108   |            |          |
| 5       | Total Fly ash supplied to Hydro power sector                        |  |            |          |   |            |          |
| 6       | Total Fly ash used for Ash Dyke raising                             |  |            |          |   |            |          |
| 7       | Landfill/Reclamation of low lying area                              |  |            |          |   |            |          |
|         | a) Power Utility Own Land   |  |            | 3408     |   |            | 80520    |
|         | b) Outside Land   |  |            | 5112     |   |            | 120780   |
|         | Total Fly Ash used for Landfill/Reclamation of low lying area       |  |            | 8520     |   |            | 201300   |
| 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  | 0  |            |          | 0   |            |          |
|         | c) Bottom ash cover   | 1558   |            |          | 7054  |            |          |
|         | d) Any other  |  |            |          |   |            |          |
|         | Total Fly Ash Issued for other purpose                              |  |            |          |   |            |          |
|         | Grand Total   | 76903  |            | 8520     | 580757  |            | 201300   |

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