

## Details of ash utilization during the Month of Feb 2020

| 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 31.01.2020) | Ash Generated in MT during the Feb 2020 |            | Ash Utilized in MT during Feb 2020 |            |          | Pond Ash Availability in MT ( up to 29.02.2020) |
|---------|---------------------------|------------------------------|----------------------------------|--|---|------------|------------------------------------|------------|----------|---|
|         |                           |                              |                                  |  | 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             |                              |                                  | 4832291.9                                      | 101103                                  |            | 100743                             |            | 63295    | 4769357   |
| 2       |                           |                              |                                  |  |   |            |                                    |            |          |   |
| 3       |                           |                              |                                  |  |   |            |                                    |            |          |   |

## ASH UTILIZATION DETAILS

| Sl. No. | Area of Utilization  | (For the Month Feb 2020)<br>Ash utilized in MT |            |              | Cumulative for Year (FY 19-20)<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)         | 512  |            |              | 19914  |            |               |
| 1B      | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)                |  |            |              |  |            |               |
| 1C      | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant                        | 308  |            |              | 777  |            |               |
|         | a) Dry ESP Fly Ash issued  | 0  |            |              | 15   |            |               |
|         | b) Pond ash issued   | 0  |            |              |  |            |               |
|         | <b>Sub-Total</b>   | <b>0</b>                                       |            |              | <b>15</b>  |            |               |
|         | <b>Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)</b>     | <b>820</b>                                     |            |              | <b>20706</b>   |            |               |
| 2       | Cement Industries  |  |            |              |  |            |               |
| 2A      | Dry ESP Fly Ash Issued to Cement Industries                                |  |            |              |  |            |               |
|         | a) Cement  | 88205  |            |              | 646251   |            |               |
|         | b) RMC   | 9540   |            |              | 103262   |            |               |
|         | c) Asbestos  | 0  |            |              | 0  |            |               |
|         | <b>Sub-Total</b>   | <b>97744</b>                                   |            |              | <b>749513</b>  |            |               |
| 2B      | Pond Ash Issued to Cement Industries                                       |  |            |              |  |            |               |
|         | <b>Total Fly Ash Issued to Cement Industries (2A+2B)</b>                   | <b>97744</b>                                   |            |              | <b>749513</b>  |            |               |
| 3       | Roads, Fly over /Rail Embankment   |  |            |              |  |            |               |
| 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>     | <b>25</b>                                      |            |              | <b>1272</b>  |            |               |
| 5       | <b>Total Fly ash supplied to Hydro power sector</b>                        |  |            |              |  |            |               |
| 6       | <b>Total Fly ash used for Ash Dyke raising</b>                             |  |            |              |  |            |               |
| 7       | Landfill/Reclamation of low lying area                                     |  |            |              |  |            |               |
|         | a) Power Utility Own Land  |  |            | 25318        |  |            | 72118         |
|         | b) Outside Land  |  |            | 37977        |  |            | 108177        |
|         | <b>Total Fly Ash used for Landfill/Reclamation of low lying area</b>       |  |            | <b>63295</b> |  |            | <b>180295</b> |
| 8       | Mine filling   |  |            |              |  |            |               |
|         | a) Open cast mine  |  |            |              |  |            |               |
|         | b) U.G.Mine  |  |            |              |  |            |               |
|         | <b>Total Fly Ash used for Mine filling</b>                                 |  |            |              |  |            |               |
| 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> |  |            |              |  |            |               |
| 10      | Others   |  |            |              |  |            |               |
|         | a) CLSM  |  |            |              |  |            |               |
|         | b) Cenospheres   | 25.07  |            | 189.23       | 164.16   |            |               |
|         | c) Bottom ash cover  | 2129   |            |              | 15973  |            |               |
|         | d) Any other   |  |            |              |  |            |               |
|         | <b>Total Fly Ash Issued for other purpose</b>                              |  |            |              |  |            |               |
|         | <b>Grand Total</b>   | <b>100743</b>                                  |            | <b>63295</b> | <b>787628</b>  |            | <b>180295</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