

| Name of the Power Utility: MAHAGENCO Name of the Thermal Power Plant (Capacity in MW)- BHUSAWAL TPS. (1210 MW) | | | | | | | | | | |
|---|--|------------------------------|----------------------------------|--|---|------------|------------------------------------|------------|----------|---|
| Details of ash utilization during the Month of nov 2019 | | | | | | | | | | |
| 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 31.10.2019) | Ash Generated in MT during the nov 2019 | | Ash Utilized in MT during nov 2019 | | | Pond Ash Availability in MT (up to 30.11.2019) |
| | | | | | 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 | VELHALA ASH BUND NO.3 | 115 | Up to 2020 | 6904423 | 126188.26 | 54080.68 | 113393 | 0 | 73934 | 6922219 |
| ASH UTILIZATION DETAILS | | | | | | | | | | |
| Sl. No. | Area of Utilization | For the Month (nov - 2019) | | | Ash Cumulative for Year (FY 19-20) | | | | | |
| | | 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) | 14157.82 | 0 | 0 | | | | | | |
| 1B | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside) | | | 51296 | | | | | | |
| 1C | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant | 0 | | | | | | | | |
| | a) Dry ESP Fly Ash issued | 0 | | | | | | | | |
| | b) Pond ash issued | 0 | | | | | | | | |
| | Sub-Total | 14157.82 | 0 | 51296 | | | | | | |
| | Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C) | 14157.82 | 0 | 51296 | 106927 | | | | | 160286 |
| 2 | Cement Industries | | | | | | | | | |
| 2A | Dry ESP Fly Ash Issued to Cement Industries | | | | | | | | | |
| | a) Cement | 99234.92 | 0 | 0 | | | | | | |
| | b) RMC | 0 | 0 | | | | | | | |
| | c) Asbestos | 0 | 0 | | | | | | | |
| | Sub-Total | 99234.92 | 0 | | | | | | | |
| 2B | Pond Ash Issued to Cement Industries | 0 | 0 | 0 | | | | | | |
| | Total Fly Ash Issued to Cement Industries (2A+2B) | 99234.92 | 0 | 0 | 606245 | | | | | |
| 3 | Roads, Fly over /Rail Embankment | | | | | | | | | |
| 3A | Dry ESP Fly Ash Issued for Road construction (Outside) | 0 | 0 | 0 | | | | | | |
| 3B | Pond Ash Issued for Road construction (Outside) | 0 | 0 | 22155 | | | | | | |
| | Total Fly Ash Issued for Road Construction (3A+3B) | 0 | 0 | 22155 | | | | | | 22155 |
| 4 | Total Fly Ash issued for Part replacement of cement in concrete | 0 | 0 | 0 | | | | | | |
| 5 | Total Fly ash supplied to Hydro power sector | 0 | 0 | 0 | | | | | | |
| 6 | Total Fly ash used for Ash Dyke raising | 0 | 0 | 0 | | | | | | |
| 7 | Landfill/Reclamation of low lying area | | | | | | | | | |
| | a) Power Utility Own Land | 0 | 0 | 0 | | | | | | |
| | b) Outside Land | 0 | 0 | 0 | | | | | | |
| | Total Fly Ash used for Landfill/Reclamation of low lying area | 0 | 0 | 0 | | | | | | |
| 8 | Mine filling | | | | | | | | | |
| | a) Open cast mine | 0 | 0 | 0 | | | | | | |
| | b) U.G.Mine | 0 | 0 | 0 | | | | | | |
| | Total Fly Ash used for Mine filling | 0 | 0 | 0 | | | | | | |
| 9 | Agriculture / waste land development | | | | | | | | | |
| 9A | Dry ESP Fly Ash Issued for Agriculture / waste land development | 0 | 0 | 0 | | | | | | |
| 9B | Pond Ash Issued for Agriculture / waste land development | | | 483 | | | | | | |
| | Total Fly Ash Issued to Agriculture/ waste land development (9A+9B) | | | 483 | | | | | | 20538 |
| 10 | Others | | | | | | | | | |
| | a) CLSM | 0 | | | | | | | | |
| | b) Cenospheres | 0 | | | | | | | | |
| | c) Bottom ash cover | 0 | | | | | | | | |
| | d) Any other (Ash Bund Raising) | 0 | | 0 | | | | | | |
| | Total Fly Ash Issued for other purpose | 0 | | 0 | | | | | | 0 |
| | Grand Total | 113392.74 | | 73934 | 713171 | | | | | 180824 |

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

