

Details of ash utilization during the Month of July- 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 30.06.2020) | Ash Generated in MT during the July- 2020 | | Ash Utilized in MT during July- 2020 | | | Pond Ash Availability in MT (up to 31.07.2020) |
|---------|---------------------------|------------------------------|----------------------------------|--|---|------------|--------------------------------------|------------|----------|---|
| | | | | | 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 | VELHALA ASH BUND NO.3 | 115 | Up to 2021 | 6750436.98 | 46754.41 | 20037.60 | 36144.92 | 0 | 45129 | 6735955.08 |

ASH UTILIZATION DETAILS

| Sl. No. | Area of Utilization | For the Month (July - 2020) | | | Ash utilized in MT | | | Cummulative for Year (FY 20-21) | | |
|---------|--|-----------------------------|------------|----------|--------------------|------------|----------|---------------------------------|------------|----------|
| | | 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 | | | | | | | | | |
| 1A | Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside) | 5801.52 | 0 | 0 | | | | | | |
| 1B | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside) | | | 27195 | | | | | | |
| 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 | 5801.52 | 0 | 27195 | | | | | | |
| | Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C) | 5801.52 | 0 | 27195 | 7032.66 | | | | | 70679.00 |
| 2 | Cement Industries | | | | | | | | | |
| 2A | Dry ESP Fly Ash Issued to Cement Industries | | | | | | | | | |
| | a) Cement | 30343.4 | 0 | 0 | | | | | | |
| | b) RMC | 0 | 0 | | | | | | | |
| | c) Asbestos | 0 | 0 | | | | | | | |
| | Sub-Total | 30343.4 | 0 | | | | | | | |
| 2B | Pond Ash Issued to Cement Industries | 0 | 0 | 0 | | | | | | |
| | Total Fly Ash Issued to Cement Industries (2A+2B) | 30343.4 | 0 | 0 | 36911.06 | | | | | |
| 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 | 17857 | | | | | | |
| | Total Fly Ash Issued for Road Construction (3A+3B) | 0 | 0 | 17857 | | | | | | 51373.00 |
| 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 forAgriculture / waste land development | | | 77 | | | | | | |
| | Total Fly Ash Issued to Agriculture/ waste land development (9A+9B) | | | 77 | | | | | | 308.00 |
| 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 | | | | | | 0.00 |
| | Grand Total | 36144.92 | | 45129 | 43943.72 | | | | | 122360 |

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 ashStored in Pond

CLSM - Controlled Low strength Material