

| Name of the Power Utility:M/s Talwandi Sabo Pwer Ltd. (1980 MW) | | | | | | | | | | |
|--|---|---|--|--|--|---------------------------------|---------------------------------------|------------|----------|---|
| Details of ash utilization during the Month of August , 2023 | | | | | | | | | | |
| 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 31.07.2023) | Ash Generated in MT during the August,2023 | | Ash Utilized in MT during August,2023 | | | Pond Ash Availability in MT (up to 31.08.2023) |
| | | | | | 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 | Ash pond | 94.7 | 5 years (considering fly ash generation at 100% PLF and 100% fly ash disposal to ash pond) | 4142924 | 269261 | 78406 | 85865 | 54093 | 82604 | 4268029 |
| | | | | * Note:- 15 lacs MT is the dead stock available in ash dyke out of total stored quantity | | | | | | |
| ASH UTILIZATION DETAILS | | | | | | | | | | |
| Sl. No. | Area of Utilization | For the Month (August '2023) Ash utilized in MT | | | | Cummulative for Year (FY 23-24) | | | | |
| | | 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) | 2799 | | 0 | 0 | | 21186 | 0 | | 0 |
| | Bottom Ash Issued to Bricks/Blocks/Tiles industries (Outside) | 0 | | 7890 | 0 | | 0 | 35684 | | 0 |
| 1B | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside) | 0 | | 0 | 5852.4 | | 0 | 0 | | 33569.56 |
| 1C | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant | | | | | | 0 | 0 | | 0 |
| | a) Dry ESP Fly Ash issued | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | b) Pond ash issued | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Sub-Total | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C) | 2799 | 0 | 7890 | 5852 | 0 | 21186.2 | 35683.6 | 0 | 33569.6 |
| 2 | Cement Industries | | | | | | 0 | 0 | | 0 |
| 2A | Dry ESP Fly Ash Issued to Cement Industries | | | | | | 0 | 0 | | 0 |
| | a) Cement | 80107.0 | | 0 | 0 | | 649141.8 | 0 | | 13055 |
| | b) RMC | 2959.4 | | 0 | 0 | | 8079.9 | 0 | | 0 |
| | c) Asbestos | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Sub-Total | 83066 | 0 | 0 | 0 | 0 | 657222 | 0 | 0 | 13055 |
| 2B | Pond Ash Issued to Cement Industries | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total Fly Ash Issued to Cement Industries (2A+2B) | 83066 | 0 | 0 | 0 | 0 | 657222 | 0 | 0 | 13055 |
| 3 | Roads, Fly over /Rail Embankment | | | | | | 0 | 0 | | 0 |
| 3A | Dry ESP Fly Ash Issued for Road construction (Outside) | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 3B | Pond Ash Issued for Road construction (Outside) | 0 | | 0 | 76751 | | 0 | 0 | | 375384 |
| | Total Fly Ash Issued for Road Construction (3A+3B) | 0 | | 0 | 76751 | | 0 | 0 | | 375384 |
| 4 | Total Fly Ash issued for Part replacement of cement in concrete | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 5 | Total Fly ash supplied to Hydro power sector | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 6 | Total Fly ash used for Ash Dyke raising | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 7 | Landfill/Reclamation of low lying area | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | a) Power Utility Own Land | 0 | | 46203 | 0 | | 0 | 64407 | | 0 |
| | b)Outside Land | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total Fly Ash used for Landfill/Reclamation of low lying area | 0 | | 46203 | 0 | | 0 | 18204 | | 0 |
| 8 | Mine filling | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | a) Open cast mine | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | b) U.G.Mine | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total Fly Ash used for Mine filling | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 9 | Agriculture / waste land development | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 9A | Dry ESP Fly Ash Issued for Agriculture / waste land development | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 9B | Pond Ash Issued forAgriculture / waste land development | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total Fly Ash Issued to Agriculture/ waste land development (9A+9B) | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 10 | Others | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | a) CLSM | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | b) Cenospheres | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | c) Bottom ash cover | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | d) Any other | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Total Fly Ash Issued for other purpose | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | Grand Total | 85865 | 0 | 54093 | 82604 | 0 | 678408 | 53887 | 0 | 422009 |

Note:- 15 lacs MT is the dead stock available in ash dyke out of total stored quantity
Dead stock shall be maintained in bottom of the Dyke accumulated area as well as on upstream sides of the bund wall (as per the recommendations of Experts/designers) as a safety measure to protect from any sort of unwanted damages to the bund or to bottom of the dyke during process of excavation /ash evacuation. "

