| Name of the Power Utility:M/s Talwandi Sabo Pwer Ltd. ( 1980 MW) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Details of ash utilization during the Month of April, 2025 | | | | | | | | | | |
| 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 31.03.2025) | Ash Generated in MT during the April, 2025 | | Ash Utilized in MT during April, 2025 | | | Pond Ash Availability in MT ( up to 30.04.2025) |
| | | | | | 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) | 3466363.00 | 195195.20 | 48574.93 | 168024.74 | 4054.36 | 47756 | 3490298.41 |
| | | | | * Note:- 15 lacs MT is the dead stock available in operational ash dyke out of total stored quantity | | | | | | |

| ASH UTILIZATION DETAILS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sl. No. | Area of Utilization | For the Month (April'2025) Ash utilized in MT | | | | | Cummulative for Year (FY 24-25) | | | |
| | | Dry ESP Fly Ash | | Bottom Ash | Pond Ash | | Dry ESP Fly Ash | Bottom Ash | | Pond Ash |
| 1 | **Bricks/Blocks/Tiles industies** | | | | | | | | | |
| 1A | **Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industies (Outside)** | 5525 | | 0 | 0 | | 5525 | 0 | | 0 |
| | **Bottom Ash Issued to Bricks/Blocks/Tiles industies (Outside)** | 0 | | 4054 | 0 | | 0 | 4054 | | 0 |
| 1B | **Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)** | 0 | | 0 | 3534 | | 0 | 0 | | 3534 |
| 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)** | 5525 | 0 | 4054 | 3534 | 0 | 5525 | 4054 | 0 | 3534 |
| 2 | **Cement Industries** | | | | | | 0 | 0 | | 0 |
| 2A | **Dry ESP Fly Ash Issued to Cement Industries** | | | | | | 0 | 0 | | 0 |
| | a) Cement | 148400 | | 0 | 0 | | 148400 | 0 | | 0 |
| | b) RMC | 14100 | | 0 | 0 | | 14100 | 0 | | 0 |
| | c) Asbestos | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | **Sub-Total** | 162500 | 0 | 0 | 0 | 0 | 162500 | 0 | 0 | 0 |
| 2B | **Pond Ash Issued to Cement Industries** | 0 | | 0 | 5554 | | 0 | 0 | | 5554 |
| | **Total Fly Ash Issued to Cement Industries (2A+2B)** | 162500 | 0 | 0 | 5554 | 0 | 162500 | 0 | | 5554 |
| 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 | | 0 |
| 3B | **Pond Ash Issued for Road construction (Outside)** | 0 | | 0 | 38668 | | 0 | 0 | | 38668 |
| | **Total Fly Ash Issued for Road Construction (3A+3B)** | 0 | | 0 | 38668 | | 0 | 0 | | 38668 |
| 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 Bund Stablization** | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| 7 | **Landfill/Reclaimation of low lying area** | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | a) Power Utility Own Land | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | b)Outside Land | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| | **Total Fly Ash used for Landfill/Reclaimation of low lying area** | 0 | | 0 | 0 | | 0 | 0 | | 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** | **168025** | **0** | **4054** | **47756** | **0** | **168025** | **4054** | **0** | **47756** |

***Note:-*** *15 lacs MT is the dead stock available in operational 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. ”*