

| NTPC, SINGRAULI SUPER THERMAL POWER STATION | | | | CAPACITY : 2000 MW | | | | | | |
|---|---|--|----------------------------------|---|---|------------|------------------------------------|------------|----------|--|
| Details of ash utilization during the Month of OCTOBER 2017 (PROVISIONAL) | | | | | | | | | | |
| Sl. No. | Name of Ash Disposal Area | Ash disposal area in Hectare | Design Life of Ash disposal area | Pond Ash Availability in Million Tonnes (up to 31.03. 2017) | Ash Generated in MT during the Oct 2017 | | Ash Utilized in MT during Oct 2017 | | | Pond Ash Availability in Million Tonnes (up to 31.10.2017) |
| | | | | | 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 Dyke S1 & S2 | 326 | Approx 10 year | 67.38 | 255124.8 | 63781.2 | 1440 | 0 | 14000 | 69.50 |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| ASH UTILIZATION DETAILS | | | | | | | | | | |
| Sl. No. | Area of Utilization | For the Month (October 2017) Ash utilized in MT | | | Cummulative for Year (FY 17-18) 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) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1B | Pond ash issued to Bricks/Blocks/Tiles industries (Outside) | 0 | | | | | | | | |
| 1C | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant | | | | | | | | | |
| | a) Dry ESP Fly Ash issued | 315 | | | | 725 | | | | |
| | b) Pond ash issued | | | | | | | | | |
| | Sub-Total | 315 | 0 | 0 | | 725 | 0 | 0 | | |
| | Total fly ash issued to Bricks/Block/Tile Industries | 315 | 0 | 0 | | 725 | 0 | 0 | | |
| 2 | Cement Industries | | | | | | | | | |
| | Dry ESP Fly Ash Issued to Cement | | | | | | | | | |
| 2A | a) Cement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | b) RMC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | c) Asbestos | 1125 | 0 | 0 | 10600 | 0 | 0 | 0 | 0 | |
| | Sub-Total | 1125 | 0 | 0 | 10600 | 0 | 0 | 0 | 0 | |
| 2B | Pond Ash Issued to Cement Industries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Total Fly Ash Issued to Cement Industries (2A+2B) | 1125 | 0 | 0 | 10600 | 0 | 0 | 0 | 0 | |
| 3 | Roads, Fly over /Rail Embankment | | | | | | | | | |
| 3A | Dry ESP Fly Ash Issued for Road construction (Outside) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3B | Pond Ash Issued for Road construction (Outside) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Total Fly Ash Issued for Road Construction (3A+3B) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | Total Fly Ash issued for Part replacement of cement in concrete | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | Total Fly ash supplied to Hydro power sector | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | Total Fly ash used for Ash Dyke raising | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4200 | |
| 7 | Landfill/Reclamation of low lying area | | | | | | | | | |
| | a) Power Utility Own Land | 0 | 0 | 14000 | 0 | 0 | 0 | 0 | 78000 | |
| | b)Outside Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Total Fly Ash used for Landfill/Reclamation of low lying area | 0 | 0 | 14000 | 0 | 0 | 0 | 0 | 78000 | |
| 8 | Mine filling | | | | | | | | | |
| | a) Open cast mine | | | | | | | | | |
| | b) U.G.Mine | | | | | | | | | |
| | Total Fly Ash used for Mine filling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 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 | | | | | | | | | |
| | Total Fly Ash Issued to Agriculture/waste land development (9A+9B) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 | Others | | | | | | | | | |
| | a) CLSM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | b) Cenospheres | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | c) Bottom ash cover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | d) Any other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Total Fly Ash Issued for other purpose | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Grand Total | 1440 | 0 | 14000 | 11325 | 0 | 0 | 0 | 82200 | |

TOTAL ASH UTILIZATION

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

15440

93525.0