

| Name of the Power Utility: NTPC Korba                    |  |   |                                  |  | Korba Super Thermal Power Station (2600 MW)           |               |                                     |            |          |   |
|--|--|---|----------------------------------|--|---|---------------|-------------------------------------|------------|----------|---|
| Details of ash utilization during the Month of June-2017 |  |   |                                  |  |   |               |                                     |            |          |   |
| 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 31.03.17) | Ash Generated in MT during the June-2017              |               | Ash Utilized in MT during June-2017 |            |          | Pond Ash Availability in Million MT ( up to 30.06.2017) |
|  |  |   |                                  |  | 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 Dhanras   | 1040.40   |                                  | 45.24  | 345082  | 86271         | 8818                                | 86271      | 55000    | 46.17   |
| 2  |  |   |                                  |  |   |               |                                     |            |          |   |
| 3  |  |   |                                  |  |   |               |                                     |            |          |   |
| ASH UTILIZATION DETAILS                                  |  |   |                                  |  |   |               |                                     |            |          |   |
| Sl. No.  | Area of Utilization  | For the Month ( June-2017 )<br>Ash utilized in MT |                                  |  | Cummulative for Year (FY 17-18)<br>Ash Utilized in MT |               |                                     |            |          |   |
|  |  | Dry ESP Fly Ash                                   | Bottom Ash                       | Pond Ash   | Dry ESP Fly Ash                                       | Bottom Ash    | Pond Ash                            |            |          |   |
| 1  | <b>Bricks/Blocks/Tiles industries</b>                                      |   |                                  |  |   |               |                                     |            |          |   |
| 1A   | Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)         | 8818  | 0                                | 0  | 40632   | 0             | 0                                   |            |          |   |
| 1B   | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)                | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
| 1C   | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant                        | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | a) Dry ESP Fly Ash issued  | 0   | 0                                | 0  | 97  | 0             | 0                                   |            |          |   |
|  | b) Pond ash issued   | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Sub-Total</b>   | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>97</b>   | <b>0</b>      | <b>0</b>                            |            |          |   |
|  | <b>Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)</b>     | <b>8818</b>                                       | <b>0</b>                         | <b>0</b>   | <b>40729</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 2  | <b>Cement Industries</b>   |   |                                  |  |   |               |                                     |            |          |   |
| 2A   | Dry ESP Fly Ash Issued to Cement Industries                                |   |                                  |  |   |               |                                     |            |          |   |
|  | a) Cement  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | b) RMC   | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | c) Asbestos  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Sub-Total</b>   | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 2B   | Pond Ash Issued to Cement Industries                                       | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash Issued to Cement Industries (2A+2B)</b>                   | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 3  | <b>Roads, Fly over /Rail Embankment</b>                                    |   |                                  |  |   |               |                                     |            |          |   |
| 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                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash Issued for Road Construction (3A+3B)</b>                  | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 4  | <b>Total Fly Ash issued for Part replacement of cement in concrete</b>     | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 5  | <b>Total Fly ash supplied to Hydro power sector</b>                        | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 6  | <b>Total Fly ash used for Ash Dyke raising</b>                             | <b>0</b>  | <b>0</b>                         | <b>55000</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          | <b>115000</b>   |
| 7  | <b>Landfill/Reclamation of low lying area</b>                              |   |                                  |  |   |               |                                     |            |          |   |
|  | a) Power Utility Own Land  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | b) Outside Land  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash used for Landfill/Reclamation of low lying area</b>       | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 8  | <b>Mine filling</b>  |   |                                  |  |   |               |                                     |            |          |   |
|  | a) Open cast mine  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | b) U.G.Mine  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash used for Mine filling</b>                                 | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 9  | <b>Agriculture / waste land development</b>                                |   |                                  |  |   |               |                                     |            |          |   |
| 9A   | Dry ESP Fly Ash Issued for Agriculture / waste land development            | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
| 9B   | Pond Ash Issued for Agriculture / waste land development                   | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)</b> | <b>0</b>  | <b>0</b>                         | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>0</b>                            |            |          |   |
| 10   | <b>Others</b>  |   |                                  |  |   |               |                                     |            |          |   |
|  | a) CLSM  | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | b) Cenospheres   | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | c) Bottom ash cover  | 0   | 86271                            | 0  | 0   | 0             | 271461                              |            |          |   |
|  | d) Any other   | 0   | 0                                | 0  | 0   | 0             | 0                                   |            |          |   |
|  | <b>Total Fly Ash Issued for other purpose</b>                              | <b>0</b>  | <b>86271</b>                     | <b>0</b>   | <b>0</b>  | <b>0</b>      | <b>271461</b>                       |            |          | <b>0</b>  |
|  | <b>Grand Total</b>   | <b>8818</b>                                       | <b>86271</b>                     | <b>55000</b>   | <b>40729</b>  | <b>271461</b> | <b>115000</b>                       |            |          |   |
|  |  |   |                                  | <b>150089</b>  |   |               | <b>427190</b>                       |            |          |   |

**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