

Name of the Power Utility:Karnataka Power Corporation Name of the Thermal Power Plant ( Capacity in MW):Bellary

**Details of ash utilization during the Month of Dec-2017**

| 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 30.11.2017) | Ash Generated in MT during the Dec-2017 |            | Ash Utilized in MT during Dec-2017 |            |          | Pond Ash Availability in MT ( up to 31.12.2017) |
|---------|---------------------------|------------------------------|----------------------------------|--|---|------------|------------------------------------|------------|----------|---|
|         |                           |                              |                                  |  | 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       | BTPS ash pond             | 98                           | 10 years                         | 5555865.4                                      | 61003.9                                 | 15251      | 37606.05                           |            | 9086.00  | 5585428.3                                       |

**ASH UTILIZATION DETAILS**

| Sl. No. | Area of Utilization   | For the Month (Dec-2017) Ash utilized in MT |            |          | Cummulative for Year (FY 17-18) |            |          |
|---------|---|---|------------|----------|---------------------------------|------------|----------|
|         |   | 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)  | 8797.05                                     |            |          |                                 |            |          |
| 1B      | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)         |   |            |          | 53169.71                        |            |          |
| 1C      | Fly Ash issued for Bricks/Blocks/Tiles in Own Plant                 |   |            |          |                                 |            |          |
|         | a) Dry ESP Fly Ash issued   |   |            |          |                                 |            |          |
|         | b) Pond ash issued  |   |            |          |                                 |            |          |
|         | Sub-Total   |   |            |          |                                 |            |          |
|         | Total fly ash Issued to Bricks/Block/Tile industries (1A+1B+1C)     | 8797.05                                     |            |          | 53169.71                        |            |          |
| 2       | Cement Industries   |   |            |          |                                 |            |          |
| 2A      | Dry ESP Fly Ash Issued to Cement                                    |   |            |          |                                 |            |          |
|         | a) Cement   | 28314.00                                    |            |          | 180609.84                       |            |          |
|         | b) RMC  |   |            |          |                                 |            |          |
|         | c) Asbestos   |   |            |          |                                 |            |          |
|         | Sub-Total   | 28314.00                                    |            |          |                                 |            |          |
| 2B      | Pond Ash Issued to Cement Industries                                |   |            | 9086.00  |                                 |            | 55747.40 |
|         | Total Fly Ash Issued to Cement Industries (2A+2B)                   | 28314.00                                    |            |          | 180609.84                       |            |          |
| 3       | Roads, Fly over /Rail Embankment                                    |   |            |          |                                 |            |          |
| 3A      | Dry ESP Fly Ash Issued for Road construction (Outside)              | 495.00                                      |            |          |                                 |            |          |
| 3B      | Pond Ash Issued for Road construction (Outside)                     |   |            |          | 1588.00                         |            |          |
|         | Total Fly Ash Issued for Road Construction (3A+3B)                  | 495.00                                      |            |          | 1588.00                         |            |          |
| 4       | Total Fly Ash issued for Part replacement of cement in concrete     |   |            |          |                                 |            |          |
| 5       | Total Fly ash supplied to Hydro power                               |   |            |          |                                 |            |          |
| 6       | Total Fly ash used for Ash Dyke raising                             |   |            |          |                                 |            |          |
| 7       | Landfill/Reclamation of low lying area                              |   |            |          |                                 |            |          |
|         | a) Power Utility Own Land   |   |            |          |                                 |            |          |
|         | b)Outside Land  |   |            |          |                                 |            |          |
|         | Total Fly Ash used for Landfill/Reclamation of low lying area       |   |            |          |                                 |            |          |
| 8       | Mine filling  |   |            |          |                                 |            |          |
|         | a) Open cast mine   |   |            |          |                                 |            |          |
|         | b) U.G.Mine   |   |            |          |                                 |            |          |
|         | Total Fly Ash used for Mine filling                                 |   |            |          |                                 |            |          |
| 9       | Agriculture / waste land development                                |   |            |          |                                 |            |          |
| 9A      | Dry ESP Fly Ash Issued for..Agriculture / waste land development    |   |            |          |                                 |            |          |
| 9B      | Pond Ash Issued forAgriculture / waste land development             |   |            |          |                                 |            |          |
|         | Total Fly Ash Issued to Agriculture/ waste land development (9A+9B) |   |            |          |                                 |            |          |
| 10      | Others  |   |            |          |                                 |            |          |
|         | a) CLSM   |   |            |          |                                 |            |          |
|         | b) Cenospheres  |   |            |          |                                 |            |          |
|         | c) Bottom ash cover   |   |            |          |                                 |            |          |
|         | d) Any other  |   |            |          |                                 |            |          |
|         | Total Fly Ash Issued for other purpose                              |   |            |          |                                 |            |          |
|         | Grand Total   | 37606.05                                    |            |          | 9086.00                         | 235367.55  | 55747.40 |

Bottom ash -collected from the bottom of furnace