

Name of the Power Utility: Karnataka Power Corporation Limited

Name of the Thermal Power Plant (Capacity in MW): Bellary Thermal Power Station (1700MW)

**Details of ash utilization during the Month of July-2019**

| 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 30.06.2019) | Ash Generated in MT during the July-19 |            | Ash Utilized in MT during July-19 |            |          | Pond Ash Availability in MT (Up to 31.07.2019) |
|---------|---------------------------|------------------------------|----------------------------------|--|--|------------|-----------------------------------|------------|----------|--|
|         |                           |                              |                                  |  | 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             | 98.00                        | 10 years                         | 6063812.27                                     | 12297.42                               | 3074.36    | 7863.69                           | 0.00       | 27511.00 | 6043809.36                                     |

**ASH UTILIZATION DETAILS**

| Sl. No. | Area of Utilization   | For the Month (July-2019)<br>Ash utilized in MT |            |          | Cumulative for Year (FY 19-20)<br>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)  | 1250.35   |            |          |  |            |           |
| 1B      | Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)         |   |            |          | 11898.34   |            |           |
| 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)     | 1250.35   |            |          |  |            |           |
| 2       | Cement Industries   |   |            |          | 11898.34   |            |           |
| 2A      | Dry ESP Fly Ash Issued to Cement Industries                         |   |            |          |  |            |           |
|         | a) Cement   | 6613.34   |            |          |  |            |           |
|         | b) RMC  |   |            |          | 128108.84  |            |           |
|         | c) Asbestos   |   |            |          |  |            |           |
|         | Sub-Total   | 6613.34   |            |          |  |            |           |
| 2B      | Pond Ash Issued to Cement Industries                                |   |            |          |  |            |           |
|         | Total Fly Ash Issued to Cement Industries (2A+2B)                   | 6613.34   |            | 27511.00 | 128108.84  |            | 175172.00 |
| 3       | Roads, Fly over /Rail Embankment                                    |   |            |          |  |            |           |
| 3A      | Dry ESP Fly Ash Issued for Road construction (Outside)              |   |            |          |  |            |           |
| 3B      | Pond Ash Issued for Road construction (Outside)                     |   |            |          |  |            |           |
|         | Total Fly Ash Issued for Road Construction (3A+3B)                  |   |            |          |  |            |           |
| 4       | Total Fly Ash issued for Part replacement of cement in concrete     |   |            |          |  |            |           |
| 5       | Total Fly ash supplied to Hydro power sector                        |   |            |          |  |            |           |
| 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 for Agriculture / 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   | 7863.69   |            |          | 27511.00   | 140007.18  | 175172.00 |

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 ash Stored in Pond  
 CLSM - Controlled Low strength Material

*[Signature]*  
 CE (O&M) BT