

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 Mar-19

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 28.02.2019)	Ash Generated in MT during the Mar-19		Ash Utilized in MT during Mar-19			Pond Ash Availability in MT (up to 31.03.2019)
					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	5986417.15	100878.58	25219.65	62467.89		53415.00	5996632.49

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (Mar-19) Ash utilized in MT			Cumulative for Year (FY 18-19) 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)	927.40					
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)				65497.81		
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)	927.40					
2	Cement Industries				65497.81		
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement						
	b) RMC	61540.49					
	c) Asbestos				393179.11		
	Sub-Total						
	Total Fly Ash Issued to Cement Industries (2A+2B)	61540.49					
2B	Pond Ash Issued to Cement Industries						
	Total Fly Ash Issued to Cement Industries (2A+2B)	61540.49		53415.00	393179.11		273013.10
3	Roads, Fly over /Rail Embankment				393179.11		
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	62467.89			53415.00	458676.92	273013.10

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

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 CE(O&M)BT