

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 Jan-19

Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.12.2018)	Ash Generated in MT during the Jan-19		Ash Utilized in MT during Jan-19			Pond Ash Availability in MT up to 31.01.2019
				ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
BTPS ash pond	98.00	10 years	5980300.00	90001.03	22500.00	65099.61		36038.00	5991663.42

ASH UTILIZATION DETAILS

Area of Utilization	For the Month (Dec-18) utilized in MT			Cummulative 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						
Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles Industries (Outside)	15169.60			62896.79		
Pond Ash Issued to Bricks/Blocks/Tiles Industries (Outside)						
Fly Ash Issued for Bricks/Blocks/Tiles in Own Plant						
Dry ESP Fly Ash Issued						
Pond ash issued				62896.79		
Total	15169.60					
Total fly ash issued to Bricks/Block/Tile Industries (1A+1B+1C)						179984.30
2 Cement Industries			36038.00	280854.34		
Dry ESP Fly Ash Issued to Cement Industries	49930.01					179984.30
a) Cement			36038.00	280854.34		
b) RMC	49930.01					
c) Asbestos						
Sub-Total	49930.01			280854.34		
Pond Ash Issued to Cement Industries						
Total Fly Ash Issued to Cement Industries (2A+2B)	49930.01					
3 Roads, Fly over /Rail Embankment						
Dry ESP Fly Ash Issued for Road construction (Outside)						
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						
6 Total Fly ash used for Ash Dyke raising						
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						
Dry ESP Fly Ash Issued for Agriculture / waste land development						
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	65099.61			36038.00	343751.13	179984.30
Grand Total						

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

ASG
 CE(O&M)BT