


Inter office letter

Karnataka Power Corporation Ltd.

From : CE(O&M)RTPS	To SE(CD)	No:CE(O&M)/Fly ash compliances/ 732
Our Ref:	Your Ref:	Date: 12 .07.2019.
Dated:	Dated:	
<p>Sub: - RTPS report on Fly ash utilization for the month of <b>JUNE-2019</b> – Reg.</p> <p>*****</p> <p>Inviting reference to the above subject, please find enclosed Fly ash utilization details for the month of <b>June - 2019</b> for uploading the same to KPCL web site.</p> <p> CE(O&amp;M)RTPS</p> <p>Cc to : ED – for kind information. : CE(EI-TA) for information. : CE(Fuels)HO for information. : SEMM-3/SE(Fuels)HO – for infn. : EEAHP-1/2 – for infn.</p>		Receiving Office Seal
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Name of the Power Utility					Name of the Thermal Power Plant ( Capacity in MW)					
KARNATAKA POWER CORPORATION LIMITED					RAICHUR THERMAL POWER STATION (Capacity: 1720 MW)					
Details of Ash Utilization during the month of June- 2019										
SL.No	Name of Ash Disposal Area	Ash Disposal area in Hactare	Design life of Ash Disposal Area in Years	Pond Ash Availability in MT (Up to 31.05.2019)	Ash Generated in MT during the june-2019		Ash Utilized in MT during June-2019			Pond Ash Availability in MT (Upto 30.06.2019)
					Esp Fly Ash	Bottom Ash	Esp Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	RTPS ash pond No.1	192	25	20533288.19	152688	38172	97629	0	0	43792563
2	RTPS ash pond No.2	215	22	23186276.56					20232.31	
	Total ash Pond			43719564.75					20232.31	
ASH UTILIZATION DETAILS										
SL.No	Area of Utilization	For the Month (June -2019) Ash Utilized in MT			Cummulative for Year (FY 2019-20) 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)	7465			39482					
1B	Pond Ash Issued to Bricks/Blocks/Tiles Industries (Outside)									49210
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)	7465		0.00	39482					49210
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	88507		15532.31	341884					18101.3
	b) RMC									
	c) Asbestos	1633			6695					
	Sub-Total	90140		15532.31	348579					18101.3
2B	Pond Ash Issued to Cement Industries									
	Total Fly Ash Issued to Cement Industries (2A+2B)	90140		15532.31	348579					18101.3
3	Roads, Fly Over/ Rall Embankmenk									
3A	Dry ESP Fly Ash Issued to Road Construction (Outside)									
3B	Pond Ash Issued to Road Construction (Outside)									690
	Total Fly Ash Issued to Road Construction (3A+3B)									690
4	Total Fly Ash Issued for Part replacement of cement in concrete	25			182					
5	Total Fly ash supplied to Hydro Power Sector									
6	Total Fly ash used for Ash Dyke raising				4700					17010

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 for 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					
	<b>Grand Total</b>	<b>97630</b>	<b>20232.31</b>	<b>388243</b>		<b>85011.30</b>

Bottom Ash - Collected from bottom of the 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

CE(O&M)RTPS

**NOTE:** As per CE(M)RPCL letter No:CEM/YTPS/AHP/675 date:03.07.2019, the cumulative pond ash from YTPS sent to ash bund of RTPS from March-2016 to June-2019 is= 4,44,238.99MT and RTPS pond ash availability up to 30.06.2019 is 4,37,92,563 MT. Hence, the total pond ash in ash bunds (including YTPS quantity) works out to = 4,42,36,802 MT.