

Name of the Power Utility

GMR Kamalanga Energy Limited, Dhenkanal, Odisha  
Capacity - 3 x 350 MWDetails 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 01.07.2019)	Ash Generated in MT during the reporting month		Ash Utilized in MT during reporting month			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	Ash Pond	85.795	25 years	1518900.60	148698	37175	75010.0	37175	0	1592588.97
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month Ash utilized in MT			Cummulative for Year (FY 19-20) Ash Utilized in MT					
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	<b>Bricks/Blocks/Tiles industries</b>									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	49472.5	0	0	244306.50	0	0			
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0			
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	a) Dry ESP Fly Ash issued									
	b) Pond ash issued									
	Sub-Total	0	0	0	0	0	0			
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	49472.5	0	0	244306.50	0	0			
2	<b>Cement Industries</b>									
2A	<b>Dry ESP Fly Ash Issued to Cement Industries</b>									
	a) Cement	0	0	0	0.00	11485	0			
	b) RMC	0	0	0	0.00	0	0			
	c) Asbestos	0	0	0	0.00	0	0			
	Sub-Total	0	0	0	0	11485	0			
2B	<b>Pond Ash Issued to Cement Industries</b>	0	0	0	0	0	0			
	Total Fly Ash Issued to Cement Industries (2A+2B)	0	0	0	0	11485	0			
3	<b>Roads, Fly over /Rail Embankment</b>									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	25537.4	17519.6	0	179648.7	97269.0	45996			
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0.0	0.0	0			
	Total Fly Ash Issued for Road Construction (3A+3B)	25537.41	17519.59	0.00	179648.69	97269.01	45996.00			
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	0	0							0
7	<b>Landfill/Reclamation of low lying area</b>									
	a) Power Utility Own Land	0	6410	0	0.000	11720.0	0.0			
	b) Outside Land	0	13245	0	0.000	17155.0	0.0			
	Total Fly Ash used for Landfill/Reclamation of low lying area	0.00	19655.00	0.00	0.00	28875.00	0.00			
8	<b>Mine filling</b>									
	a) Open cast mine									
	b) U.G.Mine									
	Total Fly Ash used for Mine filling									
9	<b>Agriculture / waste land development</b>									
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	<b>Others</b>									
	a) CLSM									
	b) Cenospheres				0.0					0.0
	c) Bottom ash cover									
	d) Any other									
	Total Fly Ash Issued for other purpose				0.0					0.0
	<b>Grand Total</b>	<b>75010</b>	<b>37175</b>	<b>0</b>	<b>423955</b>	<b>137629</b>	<b>45996.0</b>			

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


