

Name of the Power Utility

:

GMR Kamalanga Energy Limited, Dhenkanal, Odisha
Capacity - 3 x 350 MW

Details of ash utilization during the Month of JAN' 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 01.01.2019)	Ash Generated in MT during the reporting month		Ash Utilized in MT during reporting month			Pond Ash Availability in MT (up to 31.01.2019)
					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	1626270.64	110207.8	27552	110208	27551.9	14456	1611814.39
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month 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)	89821	0	0	634311.00	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)	89821	0	0	634311.00	0	0			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	0	9675	0	0.00	88408	0			
	b) RMC	0	0	0	0	0	0			
	c) Asbestos	0	0	0	0	0	0			
	Sub-Total	0	9675	0	0	88408	0			
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0			
	Total Fly Ash Issued to Cement Industries (2A+2B)	0	9675	0	0	88408	0			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	14667	17876.75	0	26201	118441.75	0			
3B	Pond Ash Issued for Road construction (Outside)	0	0	14456	0	0	19471			
	Total Fly Ash Issued for Road Construction (3A+3B)	14667	17876.75	14456.25	26201	118441.75	19471.25			
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	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0	0	440856.043	94529.8	0.00			
	b) Outside Land	5720.00	0	0	5720.0	0.0	0.00			
	Total Fly Ash used for Landfill/Reclamation of low lying area	5720.00	0.00	0.00	446576.04	94529.83	0.00			
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				0.0					0.0
	c) Bottom ash cover									
	a) Any other									
	Total Fly Ash Issued for other purpose				0.0					0.0
	Grand Total	110208	27552	14456	1107088	301380	19471.3			

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