

Name of the Power Utility : **GMR Kamalanga Energy Limited, Dhenkanal, Odisha**
Capacity - 3 x 350 MW

Details of ash utilization during the Month of NOV' 2021

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 01.11.2021)	Ash Generated in MT during the reporting month		Ash Utilized in MT during reporting month			Pond Ash Availability in MT (up to 30.11.2021)
					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	603481.92	156790	52263	156790	52263	74670	528791.46
2										
3										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month Ash utilized in MT			Cumulative for Year (FY 21-22) 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)	68745.3	0	0	562152.6	0	0.0			
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0.0			
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	a) Dry ESP Fly Ash issued		0	0	676.0	0	0.0			
	b) Pond ash issued									
	Sub-Total	0	0	0	0	0	0			
	Total fly ash issued to Bricks/Block/Tile Industries (1A+1B+1C)	68745.34	0	0	562828.58	0	0			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	6025.53	0	0	9885.16	0	0.0			
	b) RMC		0	0	0.00	0	0.0			
	c) Asbestos	0	0	0	0.00	0	0.0			
	Sub-Total	6025.53	0	0	0	0	0			
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0.0			
	Total Fly Ash Issued to Cement Industries (2A+2B)	0	0	0	0	0	0			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	82019.5	45252.5	0	605713.2	377602.1	0			
3B	Pond Ash Issued for Road construction (Outside)	0	0	74670	0.0	0.0	545962			
3C	Fly Ash used for Road/Ramp construction (Inside)	0	7011.0	0	0.0	17925.0	0			
	Total Fly Ash Issued for Road Construction (3A+3B)	82019.55	52263.47	74670.46	605713.23	395527.12	545962.37			
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	0.000	0.0	0.0			
	b) Outside Land	0	0	0	0.000	0.0	0.0			
	Total Fly Ash used for Landfill/Reclamation of low lying area	0.00	0.00	0.00	0.00	0.00	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									
	d) Any other									
	Total Fly Ash Issued for other purpose				0.0		0.0			
	Grand Total	156790	52263	74670	1168542	395527	545962.4			

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

PCB *Mlu*