

<b>Name of the Power Utility</b>	<b>GMR Kamalanga Energy Limited, Dhenkanal, Odisha</b>
	<b>Capacity - 3 x 350 MW</b>

**Details of ash utilization during the Month of February'2023**

Sr. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability (in MT) up to 01.02.2023	Ash Generated during the reporting month (in MT)		Ash Utilized during reporting month (in MT)			Pond Ash Availability (in MT) up to 01.03.2023
(1)	(2)	(3)	(4)	(5)	ESP Fly Ash	Bottom Ash	ESP Fly Ash	Bottom Ash	Pond Ash	(11)
1	Ash Pond	85.795	25 Years	14213.00	140911.77	46970.59	140911.77	46970.59	10773.08	3440

**Ash Utilization Detail**

Sr. No.	Area of Utilization	For the Month			Cummulative for Year (FY 22-23)		
		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)	44775.68			619387.77		
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)						
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant						
	a) Dry ESP Fly Ash issued	0			133		
	b) Pond ash issued						
	Sub-Total						
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	44775.68			619520.77	0	0
2	Cement Industries						
2A	Dry ESP Fly Ash Issued to Cement Industries						
	a) Cement	50539.6			354461.05		
	b) RMC						
	c) Asbestos						
	Sub-Total	50539.6			354461.05		
2B	Pond Ash Issued to Cement Industries						
	Total Fly Ash Issued to Cement Industries (2A+2B)	50539.6			354461.05	0	0
3	Roads, Fly over /Rail Embankment						
3A	Dry Ash Issued for Road construction (Outside)	45596.49	46970.59	0	535023.02	511244.45	0
3B	Pond Ash Issued for Road construction (Outside)			10773.08			293499.46
3C	Fly Ash used for Road/Ramp construction (Inside)						
	Total Fly Ash Issued for Road Construction (3A+3B)	45596.49	46970.59	10773.08	535023.02	511244.45	293499.46
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						
7	Landfill/Reclamation of low lying area						
	a) Power Utility Own Land						
	b) Outside Land	0			3932.33		
	Total Fly Ash used for Landfill/Reclamation of low lying area	0			3932.33		
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						
	c) Bottom ash cover						
	d) Any other						
	Total Fly Ash Issued for other purpose						
	<b>Grand Total</b>	<b>140911.77</b>	<b>46970.59</b>	<b>10773.08</b>	<b>1512937.17</b>	<b>511244.45</b>	<b>293499.46</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 ashStored in Pond  
 CLSM - Controlled Low strength Material

