

Sasan Power Limited

CIN: U40102MH2006PLC190557

6 X 660 MW Sasan Ultra Mega Power Project
Gram: Siddhi khurd
Post Office: Tiwara
Singrauli – 486 886
Madhya Pradesh, INDIA
www.reliancepower.co.in

Ref: SPL/EMG/ 2023-24/32

Date: 06.07.2023

To,
The Member Secretary
Madhya Pradesh Pollution Control Board
Paryawaran Parishar, E-5, Arera Colony
Bhopal-462016
Madhya Pradesh

Sub: Submission of quarterly Fly Ash details for **April, 2023** to **June, 2023** of 6x660 MW of Sasan Power Limited.

Dear Sir,

With reference to the aforementioned subject, we are furnishing herewith the quarterly fly ash details for the period of **April, 2023** to **June, 2023** of M/s. Sasan Power Limited for your kind perusal please.

Kindly acknowledge the receipt of the report.

Thanking You,

Yours faithfully,

For Sasan Power Limited


Authorized Signatory

Encl: 1. Quarterly Fly Ash details for April, 2023 to June, 2023.

Cc: The Regional Officer, M.P Pollution Control Board, Singrauli, Madhya Pradesh.

Name of the Power Utility: M/s. Sasan Power Limited (3960 MW)				Name of the Thermal Power Plant (Capacity in MW): M/s. Reliance Power Limited						
Details of Ash Utilization for June- 2023										
Sr. No.	Name of Ash Disposal Area	Ash Disposal Area (in	Design Life of Ash Disposal	Pond Ash Availability (in MT up to 31.03.2023)	Ash Generated		Ash Utilized during			Pond Ash Availability (in MT up to 30.06.2023)
		(in			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	325	25	24271373.5	372478	93119	372477	93119	34761	24271375
2										
Ash Utilisation Details										
Sr. No.	Area of Utilization	For the Month: Jun, 2023 Ash utilized (in MT)				Cummulative for F.Y.: 2023-24 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)	350	0	0	840	0	0	0	0	0
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0	0	0	0
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	i) Dry ESP Fly Ash issued	181	0	0	474	0	0	0	0	0
	ii) Pond ash issued	0	0	0	0	0	0	0	0	0
	Sub-Total:	531	0	0	1314	0	1314	0	0	0
Total fly ash Issued to Bricks/Block/Tile		531	0	0	1314	0	1314	0	0	0
2	Cement Industries:									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	i) Cement	0	0	0	0	0	0	0	0	0
	ii) RMC	119	298	0	265	520	0	520	0	0
	iii) Asbestos	0	0	0	0	0	0	0	0	0
	Sub-Total:	119	298	0	265	520	0	520	0	0
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0	0	0	0
Total Fly Ash Issued to Cement Industries		0	0	0	0	0	0	0	0	0
3	Roads, Fly over/Rail Embankment:									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
Total Fly Ash Issued for Road Construction		0	0	0	0	0	0	0	0	0
4	Total Fly Ash issued for Part replacement of cement in concrete:	0	0	0	0	0	0	0	0	0
5	Total Fly ash supplied to Hydro power sector:	0	0	0	0	0	0	0	0	0
6	Total Fly ash used for Ash Dyke raising:	342157	92821	34761	878929	223756	34761	223756	34761	34761
7	Landfill/Reclamation of low lying area:									
7A	Power Utility Own Land	0	0	0	0	0	0	0	0	0
7B	Outside Land	0	0	0	0	0	0	0	0	0
Total Fly Ash used for Landfill/Reclamation of		0	0	0	0	0	0	0	0	0
8	Mine filling:									
8A	Open cast mine/ OB Dump	29670	0	0	34500	0	34500	0	0	0
8B	U.G.Mine	0	0	0	0	0	0	0	0	0
Total Fly Ash used for Mine filling:		29670	0	0	34500	0	34500	0	0	0
9	Agriculture / waste land development:									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0	0	0	0	0	0	0
9B	Pond Ash Issued for Agriculture / waste land development	0	0	0	0	0	0	0	0	0
Total Fly Ash Issued to Agriculture/ waste land		0	0	0	0	0	0	0	0	0
10	Others:									
10A	CLSM	0	0	0	0	0	0	0	0	0
10B	Cenospheres	0	0	0	0	0	0	0	0	0
10C	Bottom ash cover	0	0	0	0	0	0	0	0	0
10D	Any other	0	0	0	0	0	0	0	0	0
Total Fly Ash Issued for other purpose		0	0	0	0	0	0	0	0	0
Grand Total		372477	93119	34761	915008	224276	34761	224276	34761	34761

Bottom Ash : Collected from the bottom of furnace.
Dry ESP Fly Ash : Collected from ESP and stored in Silo.
Pond Ash : Fly & Bottom Ash stored in 'ash pond'.
CLSM : Controlled Low strength Material

Name of the Power Utility: M/s. Sasan Power Limited (3960 MW)					Name of the Thermal Power Plant (Capacity in MW): M/s. Reliance Power Limited					
Details of Ash Utilization for May- 2023										
Sr. No.	Name of Ash Disposal Area	Ash Disposal Area (in	Design Life of Ash Disposal	Pond Ash Availability (in MT up to 31.03.2023)	Ash Generated		Ash Utilized during			Pond Ash Availability (in MT up to 31.05.2023)
(1)	(2)	(3)	(4)	(5)	ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	(11)
1	Ash Pond	325	25	24271373.5	317784	79446	303551	68912	0	24306135
2										
Ash Utilisation Details										
Sr. No.	Area of Utilization	For the Month: May, 2023			Ash		Cummulative for F.Y.: 2023-24			
		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 Brncks/Blocks/Tiles industries (Outside)		240	0	0	490		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									
	i) Dry ESP Fly Ash issued		170	0	0	293		0		0
	ii) Pond ash issued		0	0	0	0		0		0
	Sub-Total:		410	0	0	783		0		0
Total fly ash Issued to Bricks/Block/Tile			410	0	0	783		0		0
2	Cement Industries:									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	i) Cement		0	0	0	0		0		0
	ii) RMC		99	158	0	146		222		0
	iii) Asbestos		0	0	0	0		0		0
	Sub-Total:		99	158	0	146		222		0
2B	Pond Ash Issued to Cement Industries		0	0	0	0		0		0
Total Fly Ash Issued to Cement Industries			0	0	0	0		0		0
3	Roads, Fly over/Rail Embankment:									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)		0	0	0	0		0		0
3B	Pond Ash Issued for Road construction (Outside)		0	0	0	0		0		0
Total Fly Ash Issued for Road Construction			0	0	0	0		0		0
4	Total Fly Ash issued for Part replacement of cement in concrete:									
			0	0	0	0		0		0
5	Total Fly ash supplied to Hydro power sector:									
			0	0	0	0		0		0
6	Total Fly ash used for Ash Dyke raising:		298453	68754	0	536772		130935		0
7	Landfill/Reclamation of low lying area:									
7A	Power Utility Own Land		0	0	0	0		0		0
7B	Outside Land		0	0	0	0		0		0
Total Fly Ash used for Landfill/Reclamation of			0	0	0	0		0		0
8	Mine filling:									
8A	Open cast mine/ OB Dump		4590	0	0	4830		0		0
8B	U.G.Mine		0	0	0	0		0		0
Total Fly Ash used for Mine filling:			4590	0	0	4830		0		0
9	Agriculture / waste land development:									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development		0	0	0	0		0		0
9B	Pond Ash Issued for Agriculture / waste land development		0	0	0	0		0		0
Total Fly Ash Issued to Agriculture/ waste land			0	0	0	0		0		0
10	Others:									
10A	CLSM		0	0	0	0		0		0
10B	Cenospheres		0	0	0	0		0		0
10C	Bottom ash cover		0	0	0	0		0		0
10D	Any other		0	0	0	0		0		0
Total Fly Ash Issued for other purpose			0	0	0	0		0		0
Grand Total			303551	68912	0	542531		131157		0

Bottom Ash : Collected from the bottom of furnace.
Dry ESP Fly Ash : Collected from ESP and stored in Silo.
Pond Ash : Fly & Bottom Ash stored in 'ash pond'.
CLSM : Controlled Low strength Material

Name of the Power Utility: M/s. Sasan Power Limited (3960 MW)					Name of the Thermal Power Plant (Capacity in MW): M/s. Reliance Power Limited					
Details of Ash Utilization for April- 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 31.03.2023)	Ash Generated		Ash Utilized during			Pond Ash Availability (in MT up to 30.04.2023)
					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	325	25	24271373.54	248975	62244	238979	62244	0	24281369
2										
Ash Utilisation Details										
Sr. No.	Area of Utilization	For the Month: Apr., 2023		Ash utilized (in MT)			Cummulative for F.Y.: 2023-24			
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries :									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	250	0	0	250	0	0	0	0	
1B	Pond Ash Issued to Bricks/Blocks/Tiles	0	0	0	0	0	0	0	0	
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	i) Dry ESP Fly Ash issued	123	0	0	123	0	0	0	0	
	ii) Pond ash issued.	0	0	0	0	0	0	0	0	
	Sub-Total:	373	0	0	373	0	0	0	0	
Total Fly ash Issued to Bricks/Block/Tile		373	0	0	373	0	0	0	0	
2	Cement Industries:									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	i) Cement	0	0	0	0	0	0	0	0	
	ii) RMC	47	63	0	47	63	0	0	0	
	iii) Asbestos	0	0	0	0	0	0	0	0	
	Sub-Total:	47	63	0	47	63	0	0	0	
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0	0	0	
Total Fly Ash Issued to Cement Industries		0	0	0	0	0	0	0	0	
3	Roads, Fly over/Rail Embankment:									
3A	Dry ESP Fly Ash Issued for Road	0	0	0	0	0	0	0	0	
3B	Pond Ash Issued for Road construction	0	0	0	0	0	0	0	0	
Total Fly Ash Issued for Road Construction		0	0	0	0	0	0	0	0	
4	Total Fly Ash issued for Part	0	0	0	0	0	0	0	0	
5	Total Fly ash supplied to Hydro power	0	0	0	0	0	0	0	0	
6	Total Fly ash used for Ash Dyke raising:	238319	62181	0	238319	62181	0	0	0	
7	Landfill/Reclamation of low lying area:									
7A	Power Utility Own Land	0	0	0	0	0	0	0	0	
7B	Outside Land	0	0	0	0	0	0	0	0	
Total Fly Ash used for Landfill/Reclamation of		0	0	0	0	0	0	0	0	
8	Mine filling:									
8A	Open cast mine/ OB Dump	240	0	0	240	0	0	0	0	
8B	U.G Mine	0	0	0	0	0	0	0	0	
Total Fly Ash used for Mine filling:		240	0	0	240	0	0	0	0	
9	Agriculture / waste land development:									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0	0	0	0	0	0	
9B	Pond Ash Issued for Agriculture / waste	0	0	0	0	0	0	0	0	
Total Fly Ash Issued to Agriculture/ waste land		0	0	0	0	0	0	0	0	
10	Others:									
10A	CLSM	0	0	0	0	0	0	0	0	
10B	Cenospheres	0	0	0	0	0	0	0	0	
10C	Bottom ash cover	0	0	0	0	0	0	0	0	
10D	Any other	0	0	0	0	0	0	0	0	
Total Fly Ash Issued for other purpose		0	0	0	0	0	0	0	0	
Grand Total		238979	62244	0	238979	62244	0	0	0	

Bottom Ash : Collected from the bottom of furnace.

Dry ESP Fly Ash : Collected from ESP and stored in Silo.

Pond Ash : Fly & Bottom Ash stored in 'ash pond'.

CLSM : Controlled Low strength Material