

Status of utilization of coal ash

Period: April 2023 to December 2023

Sl. No.	Name and Address of the TPP	Power Plant installed capacity (MW)	Quantity of coal consumed during the reporting period	Quantity of fly ash generated (MT)	Capacity of dry fly ash storage silos (MT)	Disposal Method (Dry/HCS/D/Lean)	Mode of Utilization of fly ash														Fly Ash utilization for the reporting period	% Fly Ash utilized
							1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Apr'23	Tata Steel Ltd. Meramandali, At- Narendrapur, PO- Kuspanga, Via- Meramandali, Dist. Dhenkanal, Odisha, 759121	320 MW	75699	33595	2 Nos. x 500 MT, 4 Nos. x1300MT	Dry	16765	0	0	0	0	13231	0	786	3326	0	0	0	0	34107	101.5%	
May'23			78248	35640		Dry	21394	0	0	0	0	9565	0	0	5961	0	0	0	0	0	36920	103.6%
Jun'23			95077	38515		Dry	14775	0	0	0	0	17356	0	0	6384	0	0	0	0	0	38515	100%
Ju'23			95461	40057		Dry	15006	0	0	0	0	14047	0	0	11004	0	0	0	0	0	40057	100%
Aug'23			110373	46748		Dry	20176	0	0	0	0	17463	0	0	9108	0	0	0	0	0	46748	100%
Sept'23			69753	30965		Dry	21224	0	0	0	0	6524	0	0	3217	0	0	0	0	0	30965	100%
Oct'23			78488	30640		Dry	21779	0	0	0	0	7541	0	0	76	0	0	0	0	0	29396	95.9%
Nov'23			91987	42606		Dry	21910	0	0	0	0	20628	0	0	0	0	0	0	0	0	42538	99.8%
Dec'23			74336	35434		Dry	15874	0	0	0	0	19560	0	0	0	0	0	0	0	0	35434	100%

*Ash contains about 15% moisture. November'23 : Un-utilized ash 68 Ton.

N.B.: 1: Ash based products (Bricks/Blocks/Tiles, Pavers, Sheet, Pipes, Boards, Panels etc.); 2: Cement Manufacturing; 3: Ready Mix Concrete; 4: Ash and Geopolymer based construction materials; 5: Manufacturing of sintered or cold bonded ash aggregates; 6: Construction of roads, road and fly over embankment; 7: Construction of dam; 8: Filling of low lying areas; 9: Filling of mines voids; 10: Use of over burden dumps; 11: Agriculture; 12: Construction of shorelines protection structure in coastal districts; 13: Export of ash to other countries; 14: Others.

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Status of utilization of coal ash

Period: April 2023 to December 2023

Sl. No.	Name and Address of the TPP	Power Plant installed capacity (MW)	Quantity of coal consumed during the reporting period	Quantity of Bed ash generated (MT)	Capacity of dry Bed ash storage silos (MT)	Disposal Method (Dry/HCS/D/Lean)	Mode of Utilization of Bed ash														Bed Ash utilization for the reporting period	% Bed Ash utilized
							1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Apr'23	Tata Steel Ltd. Meramandali, At- Narendrapur, PO- Kusupanga, Via- Meramandali, Dist. Dhenkanal, Odisha, 759121	320 MW	75699	2577	2 Nos. x 500 MT, 4 Nos. x1300MT	Dry	2371	0	0	0	0	207	0	0	0	0	0	0	0	2577	100%	
May'23			78248	3169		Dry	3091	0	0	0	0	77	1	0	0	0	0	0	0	0	3169	100%
Jun'23			95077	2903		Dry	2070	0	0	0	0	521	0	0	312	0	0	0	0	0	2903	100%
Jul'23			95461	3454		Dry	3317	0	0	0	0	137	0	0	0	0	0	0	0	0	3454	100%
Aug'23			110373	3479		Dry	3161	0	0	0	0	318	0	0	0	0	0	0	0	0	3479	100%
Sept'23			69753	2207		Dry	2130	0	0	0	0	0	0	0	77	0	0	0	0	0	2207	100%
Oct'23			78448	1751		Dry	1625	0	0	0	0	126	0	0	0	0	0	0	0	0	1751	100%
Nov'23			91987	2455		Dry	2317.0	0	0	0	0	138	0	0	0	0	0	0	0	0	2455	100%
Dec'23			74336	2194		Dry	2016	0	0	0	0	122	0	0	56	0	0	0	0	0	2194	100%

N.B.: 1: Ash based products (Bricks/Blocks/Tiles, Pavers, Sheet, Pipes, Boards, Panels etc.); 2: Cement Manufacturing; 3: Ready Mix Concrete; 4: Ash and Geopolymer based construction materials; 5: Manufacturing of sintered or cold bonded ash aggregates; 6: Construction of roads, road and fly over embankment; 7: Construction of dam; 8: Filling of low lying areas; 9: Filling of mines voids; 10. Use of over burden dumps; 11: Agriculture; 12: Construction of shorelines protection structure in coastal districts; 13. Export of ash to other countries; 14. Others.

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Period: April 2023 to December 2023

Fly ash supply to bricks manufacturing unit on door delivery model at free of cost during December – 2023

Month	SN	Name of the bricks Plant	Quantity (MT)	SN	Name of the bricks Plant	Quantity (MT)	SN	Name of the bricks Plant	Quantity (MT)	
Dec'23	1	MAA HINGULA FLY ASH BRICKS	112.1	29	SRI LOKANATHA FLY ASH BRICKS	195.76	57	BABA SAI FLYASH BRICKS	191.04	
	2	RAJ FLY ASH BRICKS	361.77	30	SRI SAI FLY ASH BRICKS	688.81	58	M/S BUNU BRICKS FIRM	91.09	
	3	MAHALAXMI FLY ASH BRICKS	759.66	31	SAHOO FLY ASH BRICKS	335.99	59	M/S SIVA FLYASH BRICKS	327.77	
	4	MARUTI ENTERPRISES	519.2	32	BSR COMBINES PVT.LTD	455.55	60	M/S MAA FLY ASH BRICKS	317.97	
	5	DURGA FLY ASH BRICKS	207.14	33	HARAGOURI FLY ASH BRICKS	376.61	61	PRADHAN ENTERPRISES	178.96	
	6	NILACHAKRA FLY ASH BRICKS	313.84	34	HAREKRISHNA ASH BRICKS	110.35	62	NANDINI TRADERS	58.4	
	7	OMM FLYASH BRICKS	512.95	35	JAI HANUMAN FLY ASH BRICKS	17.43	63	M/S MAA MANGALA FLYASH BRICKS	235.02	
	8	S N FLY ASH BRICKS	246.53	36	M R FLY ASH BRICKS	355.72	64	M/S SHREE SAI FLY ASH BRICKS	202.14	
	9	R K ENTERPRISES	196.84	37	MAA SINDURAI FLY ASH BRICKS	400.67	65	PRUSTY BRICKS	180.7	
	10	SIBA FLY ASH BRICKS	265.39	38	SAI BABA FLY ASH BRICKS	378.66	66	M/s MAHADEV FLY ASH BRICKS	182.69	
	11	S M ENTERPRISES	296.23	39	SUBHADRA FLY ASH BRICKS	294.19	67	M/S BEHEFA FLY ASH BRICKS	36.85	
	12	MAA TARINI FLY ASH BRICKS	254.48	40	SAKTI FLY ASH BRICKS	252.47	68	M/S K.K.FLY ASH BRICKS	69.19	
	13	M/S LAXMI FLY ASH BRICKS	178.34	41	SIBASHAKTI FLY ASH BRICKS	49.22	69	M/S KRISHNA ASH BRICKS	452.25	
	14	DBS FLY ASH BRICKS	603.31	42	MAA KANAKA DURGA FLY ASH	50.47	70	M/S MAHESWARI FLY ASH BRICKS	156.16	
	15	GANAPATI FLY ASH BRICKS	214.3	43	RAJA FLY ASH BRICKS	56.25	71	BK BRICKS	55.45	
	16	SAI FLY ASH BRICKS	472.39	44	RADHAKANTA JEW FLY ASH BRICKS	104.14	72	CHANDAN FLY ASH BRICKS	157.65	
	17	JAY MAA HINGULA FLY ASH BRICKS	126.89	45	KD BUILDMART	36.17	73	SHREE GANESH BRICKS	581.97	
	18	AZAD FLY ASH BRICKS	53.85	46	M/S SHIV FLY ASH BRICKS	233.3	74	SHREERAM ENTERPRISE	107.63	
	19	PRATIKHYA ENTERPRISES	334.14	47	MAA MANGALA FLY ASH	250.15	75	DEVI ASH BRICKS	34.02	
	20	PRAMILA FLY ASH BRICKS	264.75	48	SAMAL FLY ASH BRICKS	242.13	76	M/S BABA KEDARNATH ENTERPRISES	32.26	
	21	PRADHAN FLYASH BRICKS	19.01	49	OMM FLYASH BRICKS	385.89	77	M/S.BISWAL FLY ASH BRICKS	33.88	
	22	M/S SAI RAM FLY ASH BRICKS	80.12	50	M/S SARATHI FLY ASH BRICKS	247.33	78	JAGA BALIA FLY ASH BRICKS	17.62	
	23	SAI FLY ASH BRICKS	137.01	51	M/S SRI BALRAM FLY ASH BRICKS	152.05				
	24	M/S DIPTI FLY ASH BRICKS	161.43	52	M/S PRABHU FLY ASH BRICKS AND SUPPLIER	254.52				
	25	BIJAYA FLY ASH BRICKS	18.06	53	M/S DURGA UDYOG	17.53				
	26	BABY FLY ASH BRICKS	315.09	54	ECO RELIABLE INFRA TECH PRIVATE LIMITED	154.1				
	27	BIMBADHAR FLY ASH BRICKS	312.67	55	M/S SAI RAM FLY ASH BRICKS	174.42				
	28	SIBA FLY ASH BRICKS	416.32	56	JAGOMAYA FLYASH BRICKS	150.26				
Sub Total (A)			7753.81	Sub Total (B)			6420.14	Sub Total (C)		3700.71
Grand Total: 17874.66										

N.B: Ash transporter: M/s. Jagdish Techno Ventures Pvt. Ltd.

Regd. Office: Plot No43/1205, Behind Falcon House, Cuttack Puri Road, Laxmi Sagar, Bhubaneswar, Dist – Khordha, Pin – 751006

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Prepared By




Section (I/C)