

Status of utilization of coal ash

Period: April 2024 to Mar 2025


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/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'24	TSM-CPP, At-Ganthigadia, PO- Nuahata, Via-Banarpal, Dist - Angul - 759128	465 MW	158912	63027	4Nos.x 1000 MT	Dry	11267	28978	0	0	0	21432	0	0	0	0	0	0	0	0	1350	63027	100%		
May'24			167991	67962.36		Dry	14308.00	28902.91	0	0	0	22622.64	0	2128.81	0	0	0	0	0	0	0	0	67962.36	100%	
Jun'24			152646	63939		Dry	9535	18896	0	0	0	30830.38	0	4661.60	15.64	0	0	0	0	0	0	0	0	63939	100%
Jul'24			165286	68876.47		Dry	17068.95	10702.56	0	0	0	29564.46	0	4117.76	7422.74	0	0	0	0	0	0	0	0	68876.47	100%
Aug'24			121617	46763.34		Dry	10679.35	24618.00	0	0	0	10349.09	0	0	1116.90	0	0	0	0	0	0	0	0	46763.34	100%
Sep'24			104744	46756.26		Dry	8738.95	24444.00	0	0	0	12098.88	0	1474.43	0	0	0	0	0	0	0	0	0	46756.26	100%
Oct'24			128231	57350.80		Dry	11195.69	26700.35	0	0	0	18972.26	0	482.50	0	0	0	0	0	0	0	0	0	57350.80	100%
Nov'24			129647	52412		Dry	6084.91	37108.48	0	0	0	8975.38	0	146.40	96.63	0	0	0	0	0	0	0	0	52411.80	100.0%
Dec'24			167345	70290		Dry	9780.65	39065.59	0	0	0	21089.94	0	353.78	0	0	0	0	0	0	0	0	0	70289.96	100.0%

N.B.: Ash contains about 15% moisture

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/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'24	TSM-CPP, At-Ganthigadia, PO- Nuahata, Via-Banarpal, Dist - Angul - 759128	465 MW	158912	8142	4 Nos.x 1000 MT	Dry	7663	0	0	0	0	479	0	0	0	0	0	0	0	0	0	0	8142	100%	
May'24			167991	8504		Dry	7912	0	0	0	0	516	0	51	26	0	0	0	0	0	0	0	0	8504	100%
Jun'24			152646	8111		Dry	5383.20	0	0	0	0	2610	0	118.28	0	0	0	0	0	0	0	0	0	8111	100%
Jul'24			165286	11056		Dry	7612.93	0	0	0	0	2472.49	0	433.65	536.58	0	0	0	0	0	0	0	0	11056	100%
Aug'24			121617	7453.09		Dry	5301.23	0	0	0	0	1963.78	0	59.68	128.40	0	0	0	0	0	0	0	0	7453.09	100%
Sep'24			104744	6526.38		Dry	3754.94	0	0	0	0	2434.91	0	336.53	0.00	0	0	0	0	0	0	0	0	6526.38	100%
Oct'24			128231	8821		Dry	3858.94	0	0	0	0	4596.36	0	365.20	0.00	0	0	0	0	0	0	0	0	8821	100%
Nov'24			129647	8560		Dry	4420.35	0	0	0	0	3927.08	0	212.34	0	0	0	0	0	0	0	0	0	8559.77	100%
Dec'24			167345	8709		Dry	4640.94	0	0	0	0	4022.11	0	46.38	0.00	0	0	0	0	0	0	0	0	8709.43	100%

N.B.: Ash contains about 15% moisture;

1: Fly ash based products (Bricks/Blocks/Tiles, Paver, Fibers, 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.


Prepared By


Section (I/C)