

Status of utilization of coal ash


Period: April 2024 to March 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	Tata Steel Ltd. Meramandali, At- Narendrapur, PO- Kusupanga, Via- Meramandali, Dist. Dhenkanal, Odisha, 759121	320 MW	56150	27443.71	2 Nos. x 500 MT, 4 Nos. x1300MT	Dry	23956.20	0	0	0	0	3238.79	0	0	0	0	0	0	0	248.72	27443.71	100%	
May'24			55857	28435.55		Dry	18581.22	0	0	0	0	9051.88	0	0	0	0	0	0	0	0	802.45	28435.55	100%
Jun'24			84381	43005		Dry	15414.02	0	0	0	0	25752.21	0	0	32.45	0	0	0	0	0	1806.26	43005	100%
Jul'24			60109	32449.64		Dry	15687.94	0	0	0	0	15126.67	0	0	128	0	0	0	0	0	1507.03	32449.64	100%
Aug'24			61522	30187		Dry	15472.22	0	0	0	0	13554.33	0	0	308.1	0	0	0	0	0	852.27	30187	100%
Sep'24			65435	32054		Dry	14334.27	0	0	0	0	16426.83	0	1210.95	82.02	0	0	0	0	0	0	32054	100%
Oct'24			62699	32287		Dry	13660.95	0	0	0	0	18071.14	0	554.64	0	0	0	0	0	0	0	32287	100%
Nov'24			67380	33025		Dry	13106.76	0	0	0	0	18538.30	0	920.35	0	0	0	0	0	0	459.21	33025	100%
Dec'24			57333	31242.58		Dry	14795.83	0	0	0	0	15605.32	0	841.43	0	0	0	0	0	0	0	31242.58	100%
Jan'25			58441	30012		Dry	15612.61	0	0	0	0	14335.53	0	0	0	0	0	0	0	0	63.64	30012	100%

*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	Tata Steel Ltd. Meramandali, At- Narendrapur, PO- Kusupanga, Via- Meramandali, Dist. Dhenkanal, Odisha, 759121	320 MW	56150	2183.94	2 Nos. x 500 MT, 4 Nos. x1300MT	Dry	2183.94	0	0	0	0	0	0	0	0	0	0	0	0	0	2183.94	100%		
May'24			55857	914.98		Dry	737.33	0	0	0	0	177.65	0	0	0	0	0	0	0	0	0	914.98	100%	
Jun'24			84381	1944.77		Dry	1911.58	0	0	0	0	33.19	0	0	0	0	0	0	0	0	0	0	1944.77	100%
Jul'24			60109	1318.74		Dry	1318.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1318.74	100%
Aug'24			61522	1382.05		Dry	1281.98	0	0	0	0	100.07	0	0	0	0	0	0	0	0	0	0	1382.05	100%
Sep'24			65435	1513.90		Dry	820.23	0	0	0	0	503.09	0	190.58	0	0	0	0	0	0	0	0	1513.90	100%
Oct'24			62699	1448.32		Dry	1267.50	0	0	0	0	180.82	0	0	0	0	0	0	0	0	0	0	1448.32	100%
Nov'24			67380	1470.01		Dry	956.5	0	0	0	0	428.62	0	84.89	0	0	0	0	0	0	0	0	1470.01	100%
Dec'24			57333	1228.20		Dry	707.52	0	0	0	0	443.27	0	77.41	0	0	0	0	0	0	0	0	1228.20	100%
Jan'24			58441	913.57		Dry	831.99	0	0	0	0	81.58	0	0	0	0	0	0	0	0	0	0	913.57	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.


Prepared By