

PPGCL/ENV/FY25/438

Date:12.04.2025

To,
Shri Bivash Ranjan, IFS
Deputy Director General of Forest (C)
Ministry of Environment, Forest and Climate Change
Regional Office (CZ)
Kendriya Bhawan, 5th Floor, Sector "H", Aliganj
Lucknow - 226020

Sub – Fly Ash Notification S.O. 2804 (E), 3rd November 2009. Annual implementation report
- Paragraph 7 of the notification - Submission of Statutory Compliance Report for the period
of April'24 to March'25.

Dear Sir,

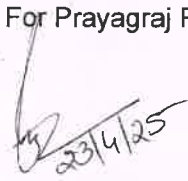
With reference to the above-mentioned subject, please find attached duly filled Fly ash
utilisation report of M/s Prayagraj Power Generation Company Limited for the period 1st
April'24 to 31st March' 25 for FY 2024-25.

This is for your kind information and record please.

Thanking You

Sincerely,

For Prayagraj Power Generation Company Limited


S H Pandey

Chief- O&M Services

Encl: Annual Ash utilisation report for FY 2024-25 (Total no. of page enclosed -4).

Cc: i) In-charge

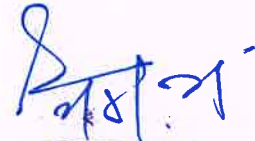
CPCB, Zonal Office (North) Lucknow

ii) Member Secretary

UPPCB, Lucknow, Uttar Pradesh

ii) The Regional Officer,

UPPCB, Prayagraj (Uttar Pradesh)


उ० प्रदूषण नियन्त्रण बोर्ड
प्रयागराज

Prayagraj Power Generation Company Limited

Registered Office : Shatabdi Bhawan, B 12 & 13, Sector 4, Gautam Budh Nagar, Noida, Uttar Pradesh - 201301

Phone: + 91-120-6102000/6102208 CIN: U40101UP2007PLC032835

Plant Address : P.O. - Lohgara, Tehsil - Bara, Prayagraj (Allahabad), Uttar Pradesh - 212107

Phone: + 91-7525006400/ 8528846666, Web:-ppgcl.co.in, Email:-ppgcl@ppgcl.co.in

Ash Compliance Report (for the period 1st April 2024 – 31st March 2025)

Sl. No.	Details	
1	Name of Power Plant	Prayagraj Power Generation Company Limited
2	Name of the company	Prayagraj Power Generation company Ltd.
3	District	Prayagraj
4	State	Uttar Pradesh
5	Postal address for communication:	P.O. Lohgara, Tehsil: Bara, Prayagraj (Allahabad), Uttar Pradesh – 212107
6	E-mail:	PPGCL@ppgcl.co.in
7	Power Plant installed capacity (MW):	1980
8	Plant Load Factor (PLF):	74.9 %
9	No. of units generated (MWh):	1,29,87,000
10	Total area under power plant (ha): (Including area under ash ponds)	573.17
11	Quantity of coal consumption during reporting period (Metric Tons per Annum):	76,60,525.61
12	Average ash content in percentage (per cent):	33.27 %
13	Quantity of current ash generation during reporting period (Metric Tons per Annum): Fly ash (Metric Tons per Annum): Bottom ash (Metric Tons per Annum):	 19,11,720.94 6,37,240.31
14	Capacity of dry fly ash storage silo(s) (Metric Tons):	1,12,000
15	Details of utilisation of current ash generated during reporting period (a) Total quantity of current ash utilised (MTPA) during reporting period (b) Quantity of fly ash utilised (MTPA): (i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels) (ii) Cement manufacturing: (iii) Ready mix concrete: (iv) Ash and Geo-polymer based construction material: (v) Manufacturing of sintered or cold bonded ash aggregate: (vi) Construction of roads, road and fly over embankment: (vii) Construction of dams: (viii) Filling up of low lying area: (ix) Filling of mine voids: (x) Use in overburden dumps: (xi) Agriculture: (xii) Construction of shoreline protection structures in coastal districts; (xiii) Export of ash to other countries: (xiv) Others (please specify): Ash Pond repairing (c) Quantity of bottom ash utilised (MTPA):	 25,48,961.26 17,07,421.78 230.90 17,01,096.20 NA NA NA 4,399.04 NA 652.16 1,043.48 NA NA NA NA NA 11,95,220.58 MT(Bottom ash - 6,37,240.31 MT+ Flyash disposed in pond – 2,04,299.16 MT+Ash stock-3,53,681.10 MT)

Ash Compliance Report (for the period 1st April 2024 – 31st March 2025)

	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels): (ii) Cement manufacturing: (iii) Ready mix concrete: (iv) Ash and Geo-polymer based construction material: (v) Manufacturing of sintered or cold bonded ash aggregate: (vi) Construction of roads, road and flyover embankment: (vii) Construction of dams: (viii) Filling up of low-lying area: (ix) Filling of mine voids: (x) Use in overburden dumps: (xi) Agriculture: (xii) Construction of shoreline protection structures in coastal districts: (xiii) Export of ash to other countries: (xiv) Others (please specify): Total quantity of current ash unutilised (MTPA) during reporting period	462.40 NA NA NA NA 7,02,601.80 NA 1,01,817.42 (Current Pond Ash) 3,90,338.95 NA NA NA NA NA Nil
16	Percentage utilisation of current ash generated during reporting period (per cent):	113.88 %
17	Details of disposal of ash in ash ponds (a) Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31st March (excluding reporting period): (b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons): (c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m ³): (d) Total number of ash ponds: (i) Active: (ii) Exhausted (yet to be reclaimed): (iii) Reclaimed: (e) total area under ash ponds (ha):	5,61,825.7 11,95,220.58 20,08,791 2 Nos. (1A & 1B) 1 Nos. (Ash Pond 2) 52.4
18	Individual ash pond details Ash pond-1,2, etc (please provide below mentioned details separately, if number of ash ponds is more than one) (a) Status: Under construction or Active or Exhausted or Reclaimed (b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MMYYYY): (c) Date of stoppage of ash disposal in ash pond after completing its capacity (DD/MM/YYYY or MM/YYYY): (Not applicable for active ash ponds) (c) area (hectares): (d) dyke height (m): (d) volume (m ³): (e) quantity of ash disposed as on 31st March (Metric Tons): (f) available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons):	Ash pond 1A&1B - Active Ash Pond -2 stabilised 29 Feb 2016 Mar 2024 (Ash Pond 2 Stabilised) 52.4 Total (1A,1B) 1A- 5.5 m , 1B- 6 m 1A- 12,54,000, 1B- 15,84,000 & Ash Pond 1A- 45,350 (stock) Ash Pond 1B- 1,62,795 (stock) Ash Pond 1A- 95.09 %, 8,78,050 Ash Pond 1B- 86.30 %, 10,25,205

Ash Compliance Report (for the period 1st April 2024 – 31st March 2025)

	(g) expected life of ash pond (number of years and months):			Ash Pond 1A & 1B- 25 years	
	(e) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)			Lat.	Long.
				25°11'55.28"N	81°38'29.15"E
				25°11'27.25"N	81°38'17.34"E
				25°11'5.58"N	81°38'11.45"E
				25°11'29.33"N	81°38'39.82"E
	(f) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining			Ash Pond-1A & 1B - HDPE	
	(g) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)			Ash Pond-2 - HDPE	
	(h) Ratio of ash: water in slurry mix (1:___):			MCSD	
	(i) Ash water recycling system (AWRS) installed and functioning: Yes or No			1:4	
	(j) Quantity of wastewater from ash pond discharged into land or water body (m3):			Yes	
	(k) Last date when the dyke stability study was conducted and name of the organisation who conducted the study:			NA	
	(l) Last date when the audit was conducted and name of the organisation who conducted the audit:			Stability study has been done by IIT Kharagpur for PPGCL Ash Pond No-2.	
				Ash compliance audit for the year 2023-24 was done by IIT BHU. Audit has been conducted as per the CPCB OM IPC-II/TPP/CP-11/76/2022/1252 dated-08.08.2023 and report submitted to concerned authority on 08.08.2024	
19	Quantity of legacy ash utilised (MTPA):			NA	
	i. Fly ash-based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):			NA	
	ii. Cement manufacturing:			NA	
	iii. Ready mix concrete:			NA	
	iv. Ash and Geo-polymer based construction material:			NA	
	v. Manufacturing of sintered or cold bonded ash aggregate:			NA	
	vi. Construction of roads, road and flyover embankment:			NA	
	vii. Construction of dams:			NA	
	viii. Filling up of low lying area:			NA	
	ix. Filling of mine voids:			NA	
	x. Use in overburden dumps:			NA	
	xi. Agriculture:			NA	
	xii. Construction of shoreline protection structures in coastal districts;			NA	
	xiii. Export of ash to other countries:			NA	
	xiv. Others (please specify):			NA	
20	Summary:				
	Details	Quantity Generated (MTP)	Quantity utilised (MTP) and (per cent)	Balance quantity (MTP)	

Ash Compliance Report (for the period 1st April 2024 – 31st March 2025)

	Current ash during reporting period	25,48,961.26	25,48,961.26 (100.00 %)	0
	Legacy ash	NA	NA	NA
	Ash stock as on 31 st March 2024	5,61,825.70	3,53,681.1	2,08,144.60
	Total (MT)		29,02,642.36	2,08,144.60
21	Any other information: Soft copy of the annual compliance report, and shape files of power plant and ash ponds may be e-mailed to: - moefcccoalash@gov.in		The soft copy of the annual compliance report will be e-mailed	
22	Signature of Authorised Signatory		 S H Pandey Chief O&M Services	