



सं० टीएचडीसी/ऋ०/सा०एवं पर्या०/फ०-400/ 133-ए)

दिनांक: 30-09-2025

सेवा में,

सदस्य सचिव,

उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, बिल्डिंग सं० TC-12V,

विभूति खंड, गोमती नगर, लखनऊ - 226010

विषय: 1320 MW खुर्जा एस.टी.पी.पी. हेतु वित्तीय वर्ष 2024-25 के Environment Statement (Form V) के सम्बन्ध में |

सन्दर्भ:

1. *Consolidated Consent to Operate and Authorisation Letter Ref. No. 198896/UPPCB/Bulandshahar(UPPCBRO)/CTO/both/BULANDSHAHAR/2024 dtd 31.01.2024 (Condition No. 05 ii)*
2. Environment Clearance letter No. J-13012/100/2011-IA.II(T) dtd. 30.03.2017 (Part B General Condition No. 13)

महोदय,

उपरोक्त विषयक उक्त संदर्भित पत्रों के अनुपालन में प्रस्तावित 1320 MW खुर्जा एस.टी.पी.पी. खुर्जा (जिला बुलंदशहर) के फार्म V (Environment Statement - वित्तीय वर्ष 2024-25) को इस पत्र के माध्यम से संलग्न कर आपके सुलभ सन्दर्भ हेतु प्रेषित किया जा रहा है |

सधन्यवाद,

संलग्नक: उपरोक्तानुसार


30/09/2025

(विपिन थपलियाल)

उप महाप्रबंधक (पर्यावरण)

प्रतिलिपि - सादर सूचनार्थ :

1. **अपर मुख्य प्रधान मुख्य वन संरक्षक (सी)**, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय (मध्य क्षेत्र), केंद्रीय भवन, पंचम तल, सेक्टर-एच, अलीगंज, लखनऊ - 260220
2. **क्षेत्रीय अधिकारी**, क्षेत्रीय कार्यालय, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, F-5, जमुना पुरम कालोनी, बुलंदशहर, उत्तर प्रदेश 203001 |

**ENVIRONMENTAL
STATEMENT REPORT**

For Year: 2024-25

FOR
KHURJA SUPER THERMAL POWER PROJECT (2x660 MW)
OF THDC INDIA LIMITED.

Submitted to:

Uttar Pradesh Pollution Control Board (UPPCB)
Lucknow (U.P.)

[FORM – V]
(See rule 14)

Environmental Statement for the financial year ending the 31st March 2025

PART – A

(i)	Name and address of the owner/occupier of the industry operation or process.	Sh. Kumar Sharad ED (Project) THDC India Limited Village and Post: Dashehra Kherli Tehsil, Khurja, District Bulandshar
(ii)	Industry category	Coal Based Thermal Power Plant
(iii)	Production capacity	2x660 MW
(iv)	Year of establishment	Unit 01 Commissioned on: 26 January 2025
(v)	Date of the last environmental statement submitted	27.09.2024

PART – B

Water and Raw Material Consumption: N/A

i. Water consumption m3/d:

Process including Cooling water: 31473 m3/day

Name of Product	Process water consumption per unit of products	
	During the Financial Year 2023-24	During the Financial Year (FY 2024-25)
Electricity	Not in operation	2.3 KL/MW

ii. **Raw material consumption**

Name of Raw Materials	Name of Products	Consumption of raw material per unit of output	
		During FY 2023-24	During FY 2024-25
Coal	Electricity	Not in operation	0.51 MT/ MW

LDO	Electricity	Not in operation	0.001 KL/MW
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*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C

Pollution discharged to environment/unit of output :
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water b) Air	Nil PM : 1.7MTD Sox: 0.33 MTD Nox: 2.75 MTD	Nil PM : 28 mg/Nm3 Sox: 5.5 mg/Nm3 Nox: 45 mg/Nm3	Zero Liquid Discharge

PART-D (HAZARDOUS WASTES)

(As specified under Hazardous Wastes (Management & Handling Rules))

Hazardous Wastes	Total Quantity(Kg)		Remarks
	During the previous financial year 2023-2024	During the financial year (2024-25)	
From process From pollution control facilities	Nil		

PART -E (SOLID WASTES)

Total Quantity (Kg)		
	During the financial year 2023-2024	During the financial year (2024-25)
a. From process (Bottom Ash)	Nil	23020 MT stored in ash dyke.
b. From Pollution Control Facilities(Fly Ash)	Nil	86750 MT

<p>c.</p> <ol style="list-style-type: none"> 1. Quantity recycled or re-utilised within the unit. 2. Sold 3. Disposed 	<p>Nil</p>	<ol style="list-style-type: none"> 1. NIL 2. 78624 MT 3. 8126 MT <p>Zero Liquid discharge is maintained for operating the project.</p> <p>Bottom ash: Dispose in Ash Dyke.</p> <p>Fly Ash: Sold to Cement manufacturing industries.</p>
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PART – F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- Fly Ash is being Disposed through cement manufacturing.
- The implementation of the environment management plan is in place and all the mitigation measures are being taken appropriately.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- Khurja Super Thermal Power Plant (KSTPP) based on super critical technology of power generation , which is cost effective and reduce the consumption of both natural resourced raw material & Coal
- The stack emission from the plant are controlled by high efficiency electrostatic precipitator (ESP)
- Khurja Super Thermal Power Plant (KSTPP) is Equipped with Flue Gas Desulphurization plant(FGD) unit to controlled SO_x emission as per Environment norms
- Recycling and Reusing Treated water from ETP and STP which help to reduce fresh water consumption

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

The environment parameters are being monitored every quarter to mitigate the impact on the nearby due to the construction of a power plant (if any).

PART – I

Any other particulars for improving the quality of the environment.

Greenbelt has been developed on 120 ha of project area and further, greenbelt is being developed on 50 ha area of project area.

Smog guns are being used at the construction area and regular water sprinkling is being carried out in the project premises to mitigate the pollution.

Prepared By :

Dated : 30/09/2025

For:


30/09/2025
**M/s THDC India Limited
(Authorized signatory)**