



NAVA LIMITED

(Formerly Nava Bharat Ventures Ltd.)

KHARAGPRASAD, NEAR MERAMANDALI RLY. STATION, DIST. : DHENKANAL - 759 121, ODISHA

Ref: NL (O)/ENV/2026-27/ 507

Date: 25.09.2026

To
The Member Secretary,
State Pollution Control Board, Odisha
A-118, Paribesh Bhawan,
Nilakanthanagar, Unit-VIII,
BHUBANESWAR-751 012.

**SUB: SUBMISSION OF ENVIRONMENTAL STATEMENT IN FORM V FOR THE
FINANCIAL YEAR 2025-26**

Dear Sir,

With reference to the above, we are submitting herewith Environmental Statement in the prescribed form-V for the financial year 2025-26 related to our Power Plant.

This is for your kind information.

Thanking you,

Yours truly,
For **NAVA LIMITED,**

(Raja Sekhara Rao V)
Vice President-Odisha Operations

Encl: as above.

Copy submitted to: The Regional Officer, State Pollution Control Board, S-3/3,
Industrial Estate, Hakimpada, Angul-759143 for Kind information.

FORM V

(See rule 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31ST MARCH 2026

PART- A

i)	Name and address of the owner /occupier of the industry operation or process.	Sri Nikhil Devneni, Executive Director NAVA LIMITED, (Power Plant) (Formerly Known as Nava Bharat Ventures Ltd.) Vill: Kharagprasad, PO: Meramandali Dist: Dhenkanal -759 121 (Odisha)
ii)	Industry category Primary – (STC Code), Secondary – SIC Code).	Manufacturing Industry under 'Red' category
iii)	Production capacity- Units	Power Plant: 150 MW (30 MW +60MW+60MW).
iv)	Year of establishment	30 MW Power Plant-December 2003, 1st 60 MW Power Plant- May 2008 and 60 MW Power Plant- June 2012
v)	Date of the last environmental statement submitted	19.09.2025 (Under cover of our letter No. NL(O)/ENV/2025-26/480 Dt. 19.09.2025

PART- B

WATER AND RAW MATERIAL CONSUMPTION

1. Water Consumption m³/day

Process	: 119 m ³ /day (Average)
Cooling	: 7052 m ³ /day (Average)
Domestic	: 70 m ³ /day (Average)
Total	: 7241 m³/day (Average)

Name of Products		Process water consumption per unit of product out put	
		During the previous financial year 2024-25	During the current financial year 2025-26
i)	Generation of Power	2.71 M ³ /MWH	2.47 M ³ /MWH

2. Raw Material Consumption

*Name of raw materials		Name of Products	Consumption of raw material per unit	
			During the previous financial year 2024-25	During the current financial year 2025-26
iii)	Coal	Electricity	0.86 (Kg/KWH)	0.87 (Kg/KWH)
	Water		2.72 M ³ /MWH	2.47M ³ /MWH

PART- C

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

Pollution		Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reason
a)	Water	No discharge to outside plant.	Not Applicable	Blow down waters is totally recycled and put in to different uses inside the plant. Parameters are maintained within the limits.
b)	Air	Stack-PP • 30MW(CPP)- PM- 102.7 kg/day (Avg) SO₂- 1657.3 kg/day (Avg) NO_x- 1327.4 kg/day (Avg) • 60 MW(IPP-Unit-II) PM- 267.4 kg/day (Avg) SO₂- 4037.7 kg/day (Avg) NO_x-2003.1 kg/day (Avg) Hg- 0.04 kg/day (Avg) • 60 MW (IPP -Unit-III) PM- 272.4 kg/day (Avg) SO₂- 4291.6 kg/day (Avg) NO_x-2421.6 kg/day (Avg) Hg- 0.05 kg/day (Avg)	AAQ(Avg) • PM₁₀ – 81.3 µg/m³ • PM_{2.5} – 45.1 µg/m³ • SO₂ - 15.6 µg/m³ • NO_x – 13.4 µg/m³ Stack-PP • 30MW(CPP)- PM- 32.0 mg/Nm³(Avg) SO₂- 516.4 mg/Nm³(Avg) NO_x- 413.6 mg/Nm³ (Avg) • 60 MW(IPP-Unit-II) PM- 33.1 mg/Nm³ (Avg) SO₂- 499.9 mg/Nm³ (Avg) NO_x-248.0 mg/Nm³ (Avg) Hg- 0.0047 mg/Nm³ (Avg) • 60 MW (IPP -Unit-III) PM- 32.4 mg/Nm³ (Avg) SO₂- 510.4 mg/Nm³ (Avg) NO_x-288.0 mg/Nm³ (Avg) Hg- 0.0054 mg/Nm³ (Avg)	Maintained within the prescribed limits. Stack-PP • 30MW(CPP)- PM- (-36.0%) SO₂- (-13.9%) NO_x-(-31.1%) • 60 MW(IPP-Unit-II) PM- (-33.8%) SO₂- (-16.7%) NO_x- (-44.9%) Hg- (-84.3 %) • 60 MW (IPP -Unit-III) PM- (-35.2%) SO₂- (-14.9 %) NO_x-(-36.0 %) Hg- (-82.0%)

PART- D

HAZARDOUS WASTES

{As specified under Hazardous Wastes (Management, Handling & Trans boundary Movement) Rules 2016}

Hazardous Wastes		Total Quantity (Kg)	
		During the previous financial year 2024-25	During the current financial year 2025-26
a)	From Process	NIL	NIL
b)	From Pollution Control facilities	NIL	NIL
	Used Oil	9.0 KL	4.41KL
	Waste containing oil	55 Kg	48 Kg
	Discarded Containers	NIL	NIL
	Spent resin from DM Plant	NIL	NIL

PART- E

SOLID WASTES

Fly Ash:

Solid Wastes		Total Quantity (MT)	
		During the Previous financial year 2024-25	During the current financial year 2025-26
a)	From Process	Bottom Ash- 74212 MT	Bottom Ash- 80770 MT
b)	From Pollution Control Facilities	Fly Ash- 296848 MT	Fly Ash- 323082 MT
c)	i) Quantity recycled or re-utilized by the unit	NIL	NIL
	ii) Supplied to industry/Agencies	136620 MT	250331 MT
	iii) Disposed (Abandoned Coal mine void, stone quarry, low land fill & Road Making)	234440 MT	153521 MT

PART- F

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

The quantity of generation and disposal of different hazardous wastes and solid wastes are submitted above in Part D & Part E. Handling and disposal practices adopted by us are as under.

Sl No	Waste Description	Composition	Estimated generation per annum	Management's Practice to dispose the wastes.
1.	Used Oil	Form: Liquid, Opaque / translucent, Yellow Colour. Contents: Hydrocarbon, Sediments, moisture	10T/A	To collect in barrels, store under shed on impervious concrete floor and channelized through authorized recycler.
2.	Wastes containing oil	Density: 0.75 to 0.90 Flash Point: 156°C Break down voltage: 56 kV (For Transfer Oil) Lead- 4.3 Arsenic-0.3 Cadmium-5.8 Chromium-4.4	1.5T/A	To collect in specified container and stored under cover shed and utilized in making of Mudgun Mass for Ferro Alloy production.

SOLID WASTE:

2.	Fly Ash & Bottom Ash	Form-Solid Content- SiO ₂ -54.25 % Al ₂ O ₃ -27.8 % Fe ₂ O ₃ -4.14 % CaO-1.74 % K ₂ O-1.42 % LOI- 2.87%	1050TPD	Conditioned fly Ash collects directly from the Silo in trucks, covered it by tarpaulin and transported to the abandoned stone quarry and abandoned South Balanda Mines of MCL for back filling. Beside this fly ash supply to outside brick manufacturers, low land filling, Cement Plant. We already achieved 100% ash utilization.
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PART- G

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

- ❖ By using Solar Water Heaters, Solar Lights, Energy Efficient Air Conditioners, CFL Lamps and LED Bulbs, Vapor Absorption Machine to control the temperature of the closed rooms etc.
- ❖ By minimizing the auxiliary consumption.
- ❖ By reused of Boiler Blow down water as feed water for Cooling Tower and Cooling Tower Blow Down Water used for Fly ash conditioning, Dust Suppression, road wetting, Gardening etc.
- ❖ Constructed STP for treatment of domestic waste water and reused in gardening and Nursery.
- ❖ E- trolly is used for internal transport of materials from store
- ❖ Installed Lime dosing system to control SO₂ Emission.

PART- H

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

- ❖ Extensive Plantation & development of green belt in and around the plant area.
- ❖ One Surface runoff water treatment system to be install.

PART- I

Any other particulars for improving the quality of the environment.

Applicable measures as stipulated by SPCB/CPCB/MoEF & CC from time to time are being followed.

For NAVA LTD



(Raja Sekhara Rao V)

Vice President-Odisha Operations

Rear Admiral V Raja Sekhar, VSM (Retd.)

Vice President - Odisha Operations

NAVA Limited

Kharagprasad, Dhenkanal (Odisha)