



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000081301

### Submitted Date

07-08-2025

## PART A

### Company Information

#### Company Name

Bhusawal TPS (Unit No.6)

#### Application UAN number

189690

#### Address

O/o. Chief Engineer (O&M), Bhusawal  
TPS, Deepnagar (1x660MW), Tal-  
Bhusawal, Dist-Jalgaon-425307

#### Plot no

222 to 310

#### Taluka

Bhusawal

#### Village

Deepnagar

#### Capital Investment (In lakhs)

568728.68

#### Scale

Large Scale

#### City

Bhusawal

#### Pincode

425307

#### Person Name

Rajesh G. Morale

#### Designation

Chief Engineer (O&M)

#### Telephone Number

02582250011

#### Fax Number

02582250308

#### Email

envbsl@mahagenco.in

#### Region

SRO-Jalgaon

#### Industry Category

Red

#### Industry Type

R48 Thermal Power Plants

#### Last Environmental statement submitted online

no

#### Consent Number

Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000189690/CO/2402002322 Dtd.29.02.2024

#### Consent Issue Date

2024-02-29

#### Consent Valid Upto

2024-12-31

#### Establishment Year

2024

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Electricity

#### Consent Quantity

660

#### Actual Quantity

35.187

#### UOM

Mwh

### By-product Information

#### By Product Name

Fly Ash

#### Consent Quantity

1286990

#### Actual Quantity

6310503

#### UOM

MT/A

Bottom Ash

321565

2704501

MT/A

Gypsum

146000

0

MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	54000.00	12050.00
Domestic	500.00	0.00
All others	0.00	0.00
<b>Total</b>	<b>54500.00</b>	<b>17449.00</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
ETP Effluent	3200	208	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Electricity	0	57	CMD

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Coal	0	0.763	MT/MWH

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	3740520	235314	MT/A

## Part-C

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

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH (ETP)	0	7.23	Within Limit	6.5 to 8.5	NA
Total Suspended Solids (ETP)	4.20	27.00	Within Limit	100 mg/L	NA
BOD (ETP)	3.50	22.50	Within Limit	30 mg/L	NA
COD (ETP)	12.45	80.00	Within Limit	250 mg/L	NA

#### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Particular Matter (PM)	1290	28	Within Limits	30	NA

Sulphur Dioxide (SO2)	13684	297	(+)197%	100	FGD installation is in process
Oxides of Nitrogen (NOx)	2626	57	Within Limits	100	NA

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	KL/A
5.2 Wastes or residues containing oil	0	0	KL/A
35.3 Chemical sludge from waste water treatment	0	0	MT/A

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	KL/A
5.2 Wastes or residues containing oil	0	0	KL/A
35.3 Chemical sludge from waste water treatment	0	0	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly Ash	0	6310503	MT/A
Bottom Ash	0	2704501	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly Ash	0	6310503	MT/A
Bottom Ash	0	2704501	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## Part-F

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

#### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0	KL/A	NA
5.2 Wastes or residues containing oil	0	KL/A	NA
35.3 Chemical sludge from waste water treatment	0	MT/A	NA

## 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Fly Ash	6310503	MT/A	NA
Bottom Ash	2704501	MT/A	NA

## Part-G

### Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
ETP treated Effluent	52	0	0	0	568728.68	0

## Part-H

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

#### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Air Pollution Abatement	Air Pollution	105.90
Water Pollution Abatement	Water Pollution	3.12
Hazardous Waste Pollution Abatement	Hazardous Waste	0

#### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Air Pollution Abatement	Air Pollution	918.04
Water Pollution Abatement	Water Pollution	206.73
Hazardous Waste Pollution Abatement	Hazardous Waste	0

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

ETP Capacity = 300 M3/hr (i.e. 7200 CMD).

#### Name & Designation

Rajesh G. Morale, Chief Engineer (O&M)

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000081301

#### Submitted On:

07-08-2025