

**Registered Office :**  
Kothagudem Collieries (P.O) - 507 101,  
Bhadradi Kothagudem Dist  
Telangana State

**Plant Address:**  
2X600MW, Singareni Thermal Power Plant  
Pegadapally (V), Jaipur (M) - 504216  
Mancherial (Dist.), Telangana State  
e-mail: envstpp@gmail.com

Ref: STPP/E&M/ENV/25/13/8 |

Date: 28.06.2025

To  
The Member Secretary,  
Telangana Pollution Control Board,  
Paryavaran Bhavan, A-3, Industrial Estate,  
Sanathnagar, Hyderabad – 500 018.

Sir,

Sub: Environmental Statement of 2x600MW STPP of SCCL for the year 2024-2025 –reg.  
Ref. Rule-14 of Environmental Protection act -1986

xxx

Reference to the cited above please find herewith enclosed the Environmental Statement  
pertaining to 2x600MW STPP of SCCL for the year 2024-2025.

This is for your kind information

Thanking you,

Yours Sincerely,



Executive Director, STPP.

Encl: A/a

- Copy to:
1. Joint Chief Environmental Engineer,  
Telangana Pollution Control Board (TGPCB)  
Zonal Office, Medak – 502 302, T.S.
  2. Environmental Engineer,  
Telangana Pollution Control Board,  
Regional Office, H.No.6-2-166/A, Subhash Nagar,  
Nizamabad- 503002, T.S.

**Executive Director,  
STPP-JAIPUR**

Bcc to:

Director (E&M),  
GM (Environment),  
GM (E&M), STPP  
Chief (O&M), STPP,  
Chief (E&M), PPD, Hyderabad.

# ENVIRONMENTAL AUDIT STATEMENT

[FORM-V]

FOR THE FINANCIAL YEAR 2024-25

OF



## SINGARENI THERMAL POWER PLANT

(2 x 600 MW COAL BASED POWER PLANT)



PANORAMIC VIEW OF POWER PLANT

*Submitted to*

**TELANGANA POLLUTION CONTROL BOARD**

*By*

**SINGARENI THERMAL POWER PLANT**

**Pegadapalli Village, Jaipur Mandal,  
Mancherial District,  
Telangana State.**



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A Government Company)**  
**2x600MW STPP, JAIPUR**

**ENVIRONMENTAL STATEMENT**  
**OF 2X600 MW COAL BASED THERMAL POWER PLANT OF SCCL**  
**FOR THE YEAR 2024-25**

**Name of the Project:** 2x600MW Singareni Thermal Power Plant at Pegadapalli (Vill.), Jaipur (Mandal), Mancherial (Dist.), Telangana State.

**Introduction:**

The Singareni Collieries Company Limited (SCCL) is a joint public sector undertaking of Govt. of Telangana State and Govt. of India with a work force of about **42,733**. SCCL is a coal company with Headquarters at Kothagudem, Bhadradi Kothagudem district of Telangana State. The coal mining activities of SCCL spread over in the districts of **Khammam, Bhadradi Kothagudem, Peddapalli, Komaram Bheem Asifabad, Mancherial and Jaya Shankar Bhoopalpalli** districts of Telangana State in southern part of Godavari valley coalfield.

**About Singareni Thermal Power Plant (2x600MW):**

**2X600 MW Coal Based Thermal Power Plant** of SCCL is established in December, 2016 year to cater the power requirement of the Telangana State, mines and townships of SCCL in Srirampur Area. The generating capacity of the Plant is 1200 M.W. There are two boilers, two nos. electrostatic precipitators and one chimney installed by 2015. Coal for this Thermal Power Plant is met from Srirampur OCP /SRP CHP Area owned by SCCL. The transportation of coal is through Rail mode only. Water source for STPP is river Godavari near Shettipalli Village (1 TMC Water supply scheme) & Pranahita River near Devulawada Village (2 TMC Water Supply Scheme).

Ash generated is being collected as bottom ash and fly ash. About 1200 MT/day of bottom ash is being generated and it is being disposed off to underground mines of SCCL for stowing purpose. About 4800MT/Day of fly ash is being collected from ESPs in dry form, stored in the silos it is being given to the end users of manufacturing bricks/blocks units at free of cost basis and for Cement/Ready Mix Concrete (RMC) units etc on chargeable basis.

**Climate:**

The area experiences typical tropical climate of a distinct hot summer from March to June with occasional dust storms, a good monsoon between June and September and a pleasant winter from October to February. The predominant wind direction for the study period is North West West (NWW) direction, followed by South East (SE). The total rainfall observed during the period is 823.3 mm. The highest daily maximum temperature recorded was 45.5°C. The relative humidity is generally high in the district and the values are ranging from 7.7 to 99.9%.

## **Met data recorded during the year 2024-25 is as follows.**

### **Description of Meteorological Station and Equipment**

As per the CPCB guidelines on methods of monitoring and analysis, an automatic meteorological station was installed in the project impact area for monitoring of the micro-meteorology for the Post Project Environmental Monitoring (PPEM) works. The equipment has sensors to record wind speed, wind direction, rainfall, relative humidity and ambient temperature at predefined intervals ranging from 20 seconds to one hour intervals. The data logger provided in the instrument would facilitate downloading of the meteorological data on to the Computer with the help of the software provided. The meteorological data was recorded on hourly basis for the study period for the parameters of wind direction, wind speed, temperatures, relative humidity and rainfall.

### **Summary of monthly average micro-meteorological data in Jaipur STPP area**

#### **4.3 Summary of Monthly Average Micro-Meteorological Data in STPP Area**

##### **4.3.1 Micro-meteorological data for the month of April, 2024**

**(01.04.2024 to 30.04.2024)**

The meteorological data for one month is obtained and evaluated for April month. The data reveals 23.22% calm condition. During the month the highest wind speed recorded is 12.0m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from North East (NE), followed by West (W) West North West (WNW) direction winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 26.1<sup>0</sup>C and maximum is 42.9<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 8.6% minimum to 66.7% maximum levels. No rainfall was observed during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of April 2024 is shown in Fig.4.1.

##### **4.3.2 Micro-meteorological data for the month of May 2024**

**(01.05.2024 to 31.05.2024)**

The meteorological data for one month is obtained and evaluated for May month. The data reveals 24.09% calm condition. During the month the highest wind speed recorded is 8.0m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from South (S), followed by West (W) West North West (WNW) and West South West the temperature is one of the important parameter which finalizes pollutant dispersion. The minimum temperature is 23.4<sup>0</sup>C and maximum is 45.5<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 7.8% minimum to 95.8% maximum levels. The rainfall was observed to be 37.1mm during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of May 2024 is shown in Fig.4.2.

### **4.3.3 Micro-meteorological data for the month of June, 2024**

**(01.06.2024 to 30.06.2024)**

The meteorological data for one month is obtained and evaluated for June month. The data reveals 28.29% calm condition. During the month the highest wind speed recorded is 12.0m/s. The Wind rose is showing a wind direction mostly calm condition and predominantly from North East (NE), followed by West South West (WSW), South West winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 24.2<sup>o</sup>C and maximum is 41.5<sup>o</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 19.0% minimum to 99.7% maximum levels. The rainfall was observed to be 98.5mm during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of June 2024 is shown in Fig.4.3.

### **4.3.4 Micro-meteorological data for the month of July, 2024**

**(01.07.2024 to 31.07.2024)**

The meteorological data for one month is obtained and evaluated for July month. The data reveals 20.43% calm condition. During the month the highest wind speed recorded is 6.0m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from South West (SW) winds, followed by North West (NW) direction winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 24.4<sup>o</sup>C and maximum is 35.4<sup>o</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 19.0% minimum to 99.9% maximum levels. The total rainfall observed during this month 320.2mm.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of July 2024 is shown in Fig.4.4.

### **4.3.5 Micro-meteorological data for the month of August 2024**

**(01.08.2024 to 31.08.2024)**

The meteorological data for one month is obtained and evaluated for August month. The data reveals 13.31% calm condition. During the month the highest wind speed recorded is 5.5m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from South West (SW) winds, followed by North North East (NNE) wind direction, the temperature is one of the important parameter which finalizes pollutant dispersion.

The minimum temperature is 24.3<sup>o</sup>C and maximum is 35.8<sup>o</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 25.8% minimum to 91.3% maximum levels. The rainfall was observed to be 153.3mm during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of August 2024 is shown in Fig.4.5.

#### **4.3.6 Micro-meteorological data for the month of September, 2024**

**(01.09.2024 to 30.09.2024)**

The meteorological data for one month is obtained and evaluated for September month. The data reveals 25.14% calm condition. During the month the highest wind speed recorded is 4.4m/s. The Wind rose is showing a wind direction mostly calm condition and predominantly from North North East (NNE) winds, followed by South West (SW) wind direction.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 24.3<sup>0</sup>C and maximum is 35.0<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 39.4% minimum to 96.0% maximum levels. The rainfall was observed to be 131.0mm during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of September 2024 is shown in Fig.4.6.

#### **4.3.7 Micro-meteorological data for the month of October, 2024**

**(01.10.2024 to 31.10.2024)**

The meteorological data for one month is obtained and evaluated for October month. The data reveals 14.92% calm condition. During the month the highest wind speed recorded is 6.0m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from North East (NE) winds, followed by South South East (S-SE) direction winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 23.2<sup>0</sup>C and maximum is 35.7<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 25.7% minimum to 96.8% maximum levels. The total rainfall observed during this month 60.2mm.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of October 2024 is shown in Fig.4.7.

#### **4.3.8 Micro-meteorological data for the month of November 2024**

**(01.11.2024 to 30.11.2024)**

The meteorological data for one month is obtained and evaluated for November month. The data reveals 9.72% calm condition. During the month the highest wind speed recorded is 5.5m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from North East (NE) winds, followed by North West (NW) wind direction, the temperature is one of the important parameter which finalizes pollutant dispersion.

The minimum temperature is 15.9<sup>0</sup>C and maximum is 33.1<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 19.0% minimum to 90.4% maximum levels. The rainfall was observed to be 17.4 mm during this month.

It may be noted that the met data has no abnormal values during this period. Wind rose diagram for the month of November 2024 is shown in Fig.4.8.

#### **4.3.9 Micro-meteorological data for the month of December, 2024**

**(01.12.2024 to 31.12.2024)**

The meteorological data for one month is obtained and critically evaluated for December month. The data reveals 13.15% calm condition. During the month the highest wind speed recorded is 7.5m/s. The Wind rose is showing a wind direction mostly calm condition and predominantly from North East (NE) winds, followed by North West (NW) wind direction.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 13.2<sup>0</sup>C and maximum is 33.2<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 11.3% minimum to 90.9% maximum levels. The rainfall was observed to be 2.9 mm during this month.

It may be noted that the met data has no abnormal values during this period. Wind rose diagram for the month of December 2024 is shown in Fig.4.9.

#### **4.3.10 Micro-meteorological data for the month of January, 2025**

**(01.01.2025 to 31.01.2025)**

The meteorological data for one month is obtained and evaluated for January month. The data reveals 19.22% calm condition. During the month the highest wind speed recorded is 5.0m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from North West (NW) winds, followed by North East (NE) direction winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 14.7<sup>0</sup>C and maximum is 33.9<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 9.9% minimum to 92.3% maximum levels. No rainfall was observed during this month.

It may be noted that the met data has no abnormal values during this period. Windrose diagram for the month of January 2025 is shown in Fig.4.10.

#### **4.3.11 Micro-meteorological data for the month of February, 2025**

**(01.02.2025 to 28.02.2025)**

The meteorological data for one month is obtained and evaluated for February month. The data reveals 13.99% calm condition. During the month the highest wind speed recorded is 6.5m/s. The wind rose is showing a wind direction mostly calm condition and predominantly from South East (SE) winds, followed by North West (NW) direction winds, the temperature is one of the important parameter which finalizes pollutant dispersion.

The minimum temperature is 18.2<sup>0</sup>C and maximum is 36.0<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 8.0% minimum to 86.1% maximum levels. No rainfall was observed during this month.

It may be noted that the met data has no abnormal values during this period. Wind rose diagram for the month of February 2025 is shown in Fig.4.11.

#### **4.3.12 Micro-meteorological data for the month of March, 2025**

**(01.03.2025 to 31.03.2025)**

The meteorological data for one month is obtained and critically evaluated for March month. The data reveals 16.53% calm condition. During the month the highest wind speed recorded is 6.5m/s. The Wind rose is showing a wind direction mostly calm condition and predominantly from South East (SE) winds, followed by South West (SW) direction winds.

The temperature is one of the important parameters which finalize pollutant dispersion. The minimum temperature is 17.8<sup>0</sup>C and maximum is 40.3<sup>0</sup>C showing normal temperatures as per met conditions. The relative humidity is also measured and which is varying from 7.7% minimum to 85.9% maximum levels. The total rainfall observed during this month is 2.7mm.

It may be noted that the met data has no abnormal values during this period. Wind rose diagram for the month of March 2025 is shown in Fig.4.12.

#### **Summary of monthly Micro-meteorological data from April 2024 to March 2025 (01.04.2024 to 31.03.2025)**

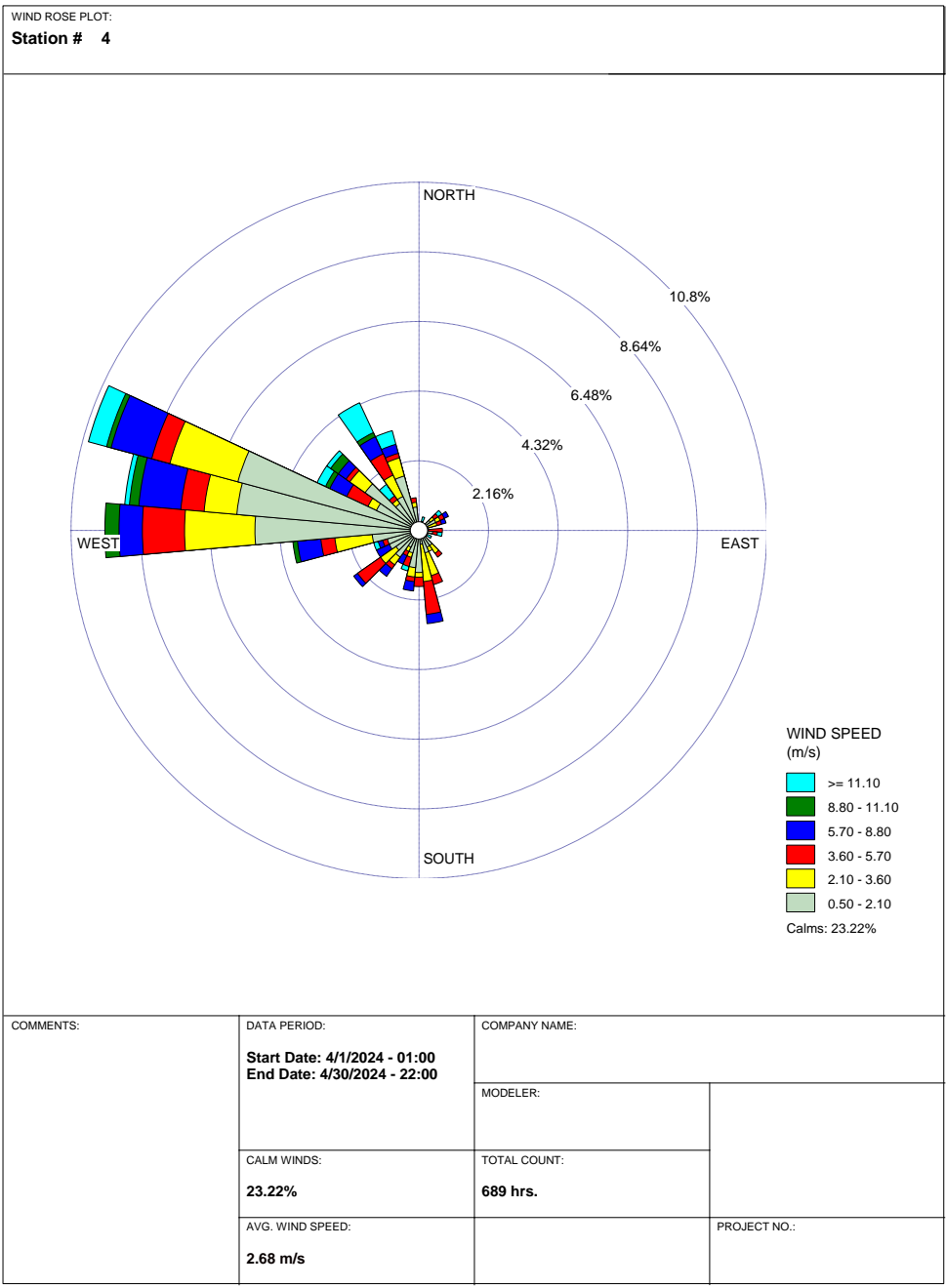
The predominant wind direction is blowing from North West-West (NW-W), followed by South East (SE) winds. The maximum wind speed recorded was 12.0 m/sec and calm conditions prevailed for 16.74% during the entire period. The maximum, minimum and average temperatures recorded were 45.5<sup>0</sup>C, 13.2<sup>0</sup>C and 28.8<sup>0</sup>C respectively. The average relative humidity was found to be 51.3%. The Annual summary of micro-meteorological data (wind speed, wind direction, temperature, relative humidity and rainfall) for the entire study period April 2024 – March 2025 is given.

**Summary of monthly micro-meteorological data generated at Jaipur STPP area**  
**April, 2024 - March, 2025:**

Month	Wind Speed (m/s)			Temperature (°C)			Relative Humidity (%)			Rainfall (mm)	
	Mean	Max	Calm %	Mean	Max	Min	Mean	Max	Min	Total	Hourly highest
April, 2024	2.6	12.0	23.22	33.9	42.9	26.1	27.4	66.7	8.6	0.0	0.0
May, 2024	1.0	8.0	24.09	33.5	45.5	23.4	42.1	95.8	7.8	37.1	12.0
June, 2024	2.10	12.0	28.29	31.6	41.5	24.2	52.4	99.7	19.0	98.5	10.0
July, 2024	1.8	6.0	20.43	28.3	35.4	24.4	70.4	99.9	19.0	320.2	1.5
August, 2024	1.7	5.5	13.31	28.8	35.8	24.3	68.7	91.3	25.8	153.3	1.0
September, 2024	1.6	4.4	25.14	28.7	35.0	24.3	69.3	96.0	39.4	131.0	1.0
October, 2024	1.9	6.0	14.92	29.1	35.7	23.2	63.0	96.8	25.7	60.2	26.6
November, 2024	1.8	5.5	9.72	25.2	33.1	15.9	51.0	90.4	19.0	17.4	7.6
December, 2024	1.9	7.5	13.15	24.9	33.2	13.2	53.6	90.9	11.3	2.9	1.0
January 2025	1.7	5.0	19.22	23.9	33.9	14.7	44.9	92.3	9.9	0.0	0.0
February, 2025	1.9	6.5	13.99	27.8	36.0	18.2	37.2	86.1	8.0	0.0	0.0
March 2025	1.8	6.5	16.53	30.0	40.3	17.8	35.0	85.9	7.7	2.7	1.0

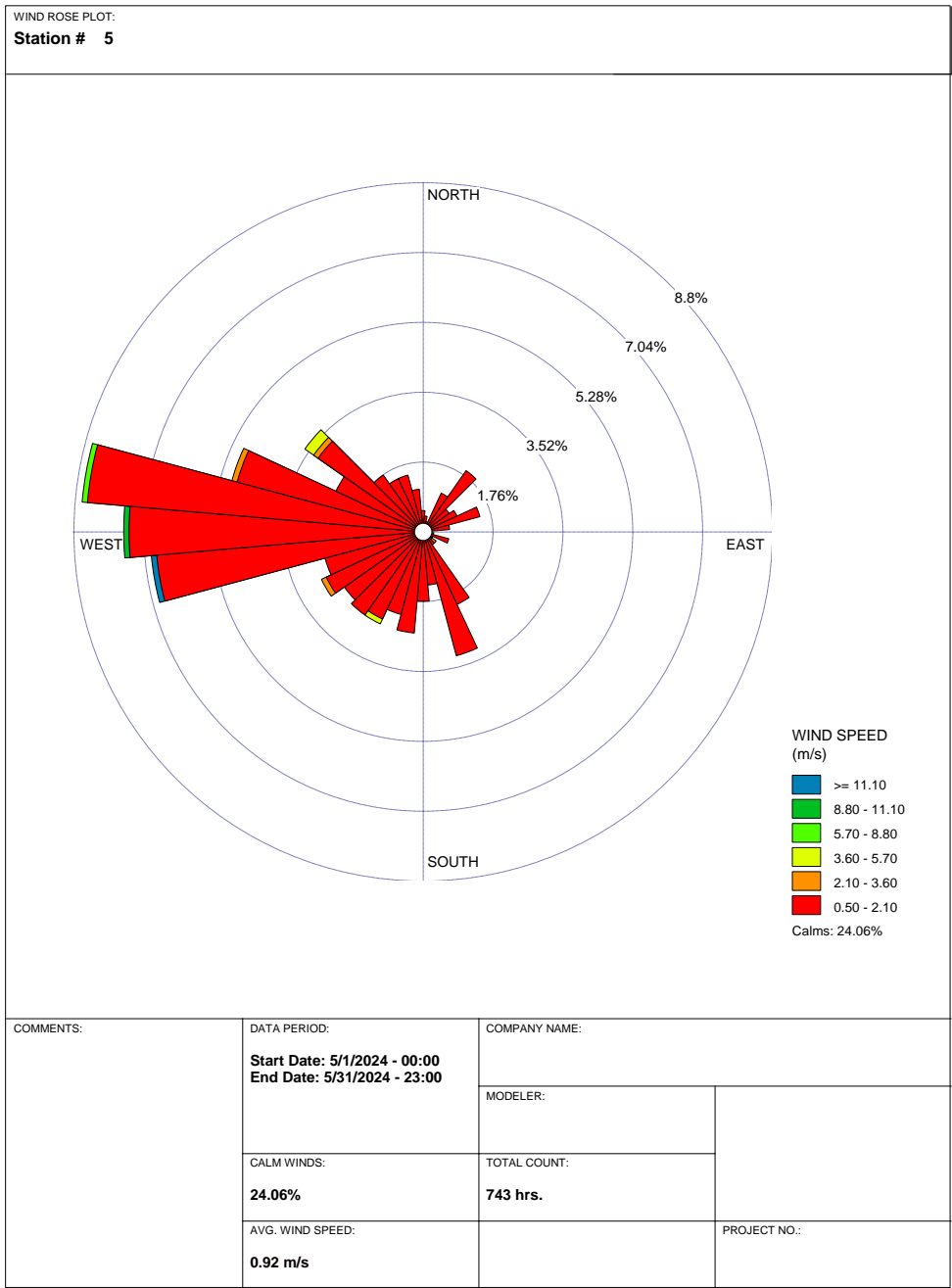
**Summary of Micro-Meteorological data generated for the entire study period**  
**(April 2024 - March 2025)**

S.No.	Parameter (s)	Min	Max	Mean
1.	Temperature (°C)	13.2	45.5	28.8
2.	Wind Speed (m/s)	Calm % 16.74	12.0	1.8
3.	Relative Humidity (%)	7.7	99.9	51.3
4.	Predominant Wind direction for the entire study period	North West- West (NW-W), followed by South East (SE)		
5.	Total Rainfall (mm)	823.3 mm		



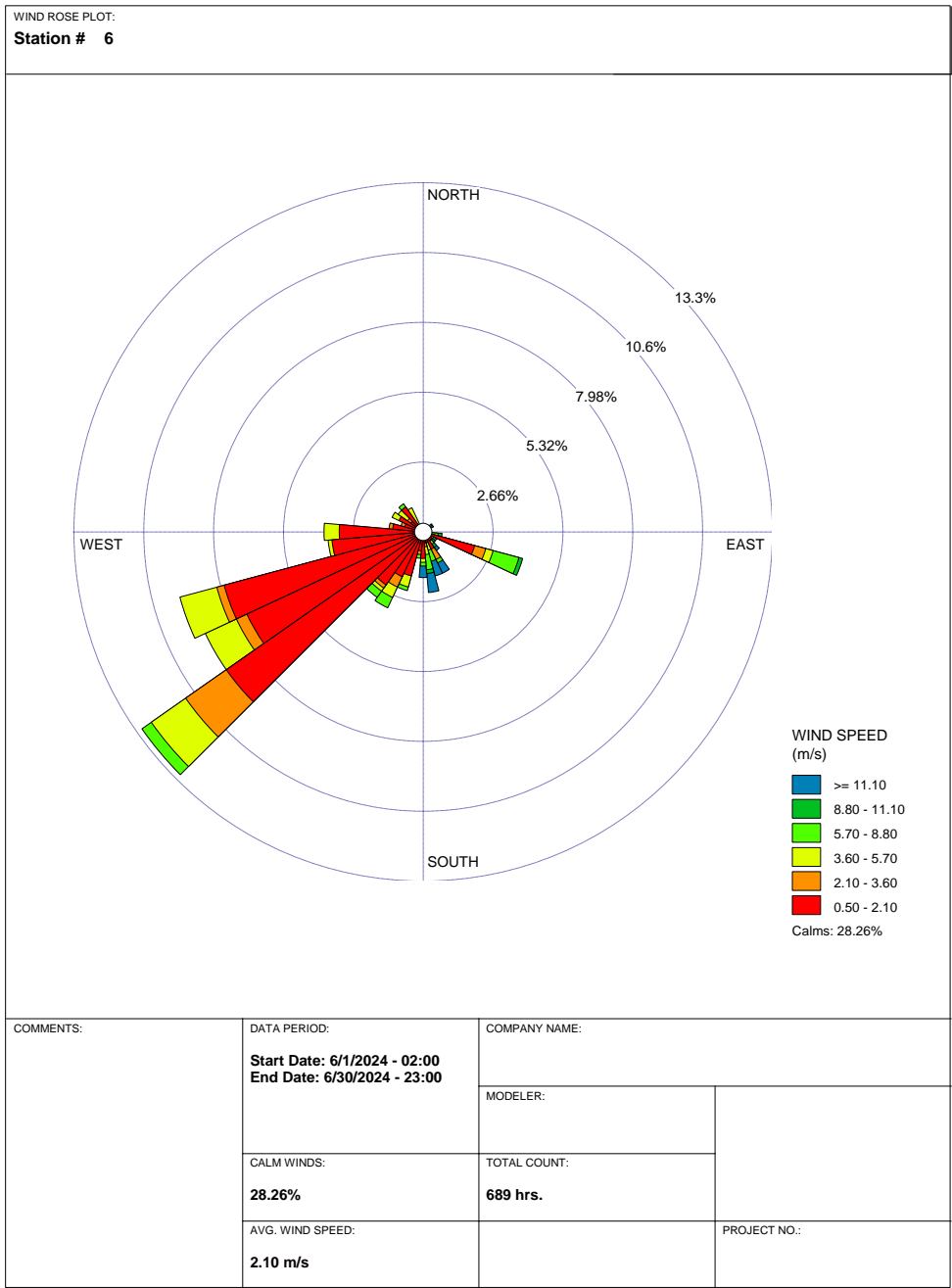
WRPLOT View - Lakes Environmental Software

**Fig 4.1: Wind rose diagram for the Month of April, 2024**



WRPLOT View - Lakes Environmental Software

**Fig 4.2: Wind rose diagram for the Month of May, 2024**



WRPLOT View - Lakes Environmental Software

**Fig 4.3: Wind rose diagram for the Month of June, 2024**

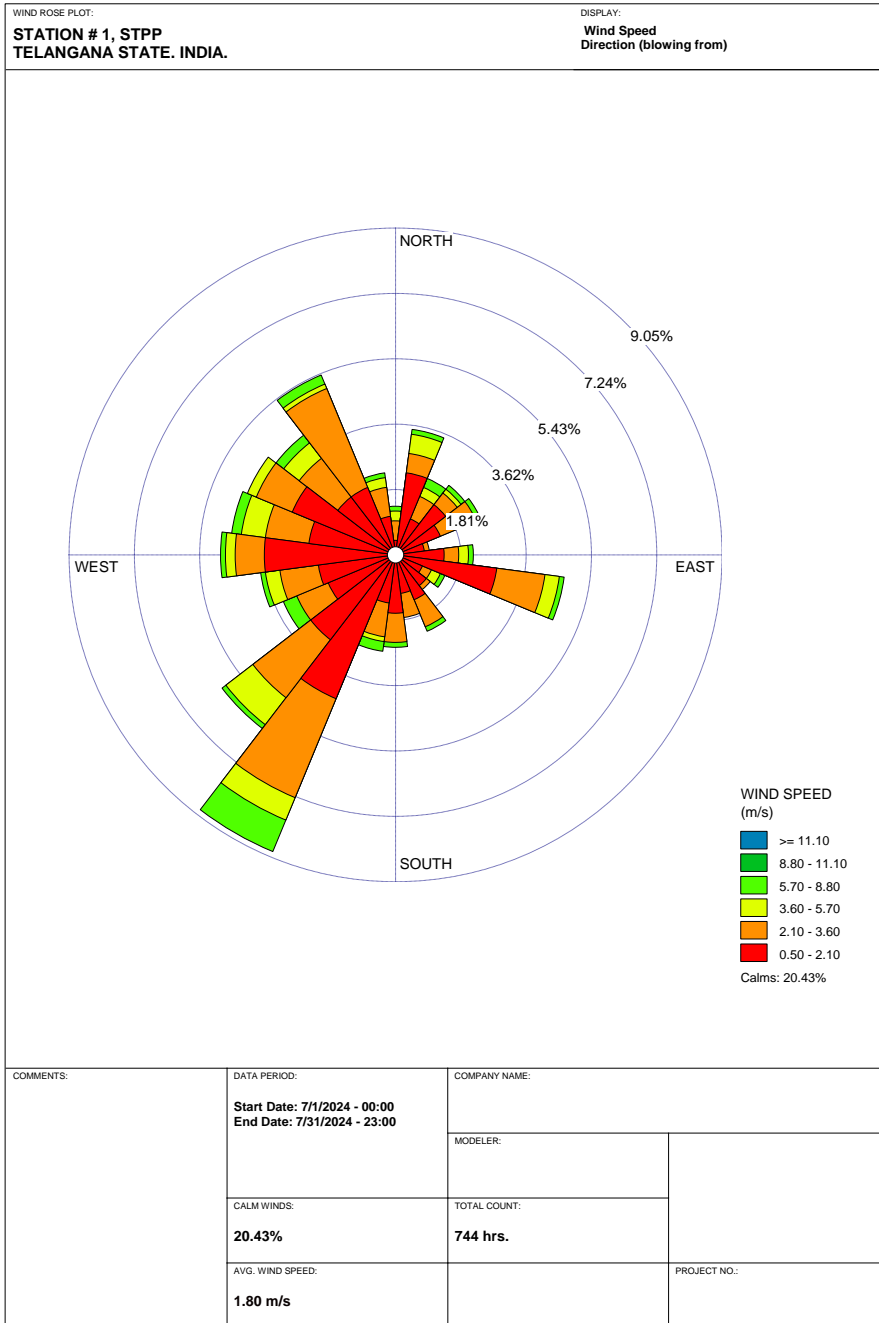
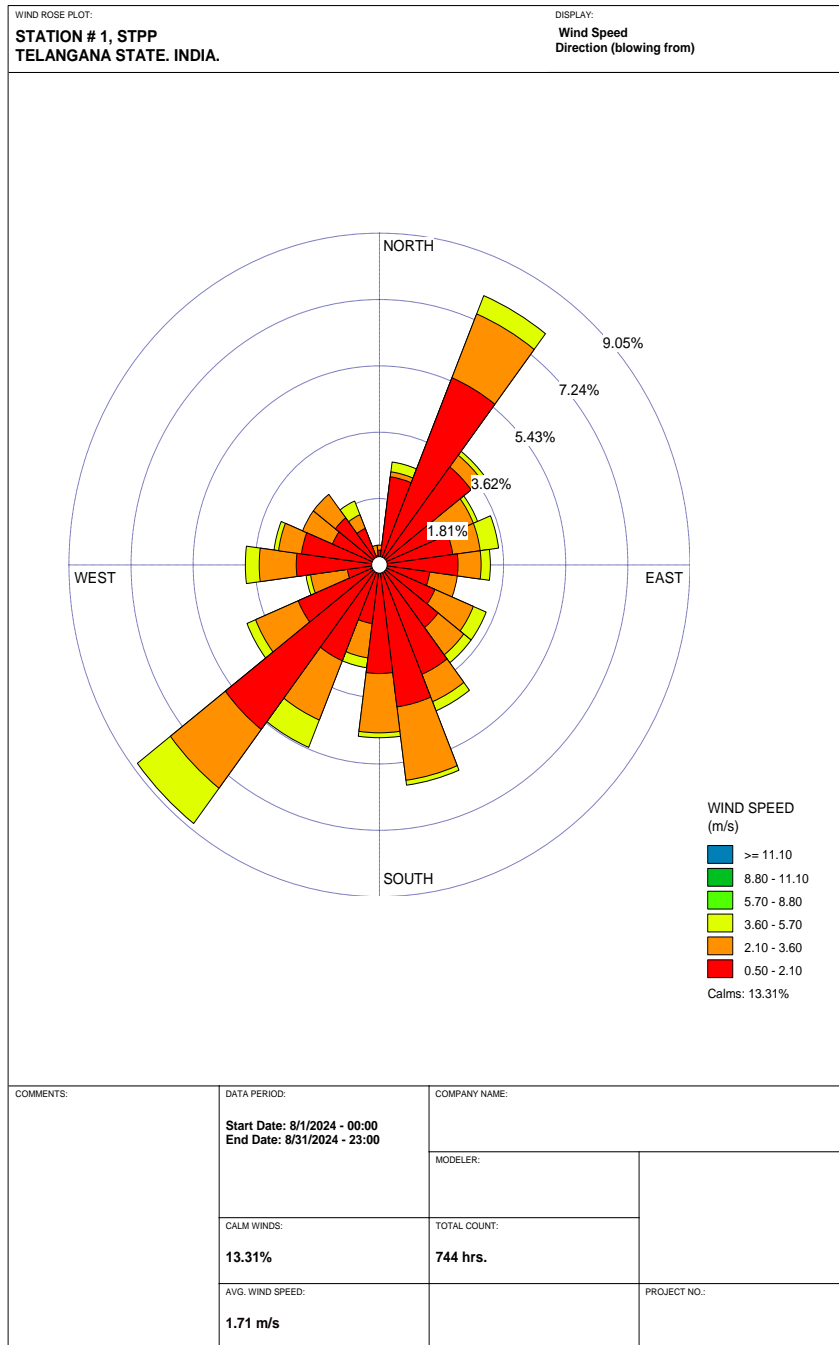
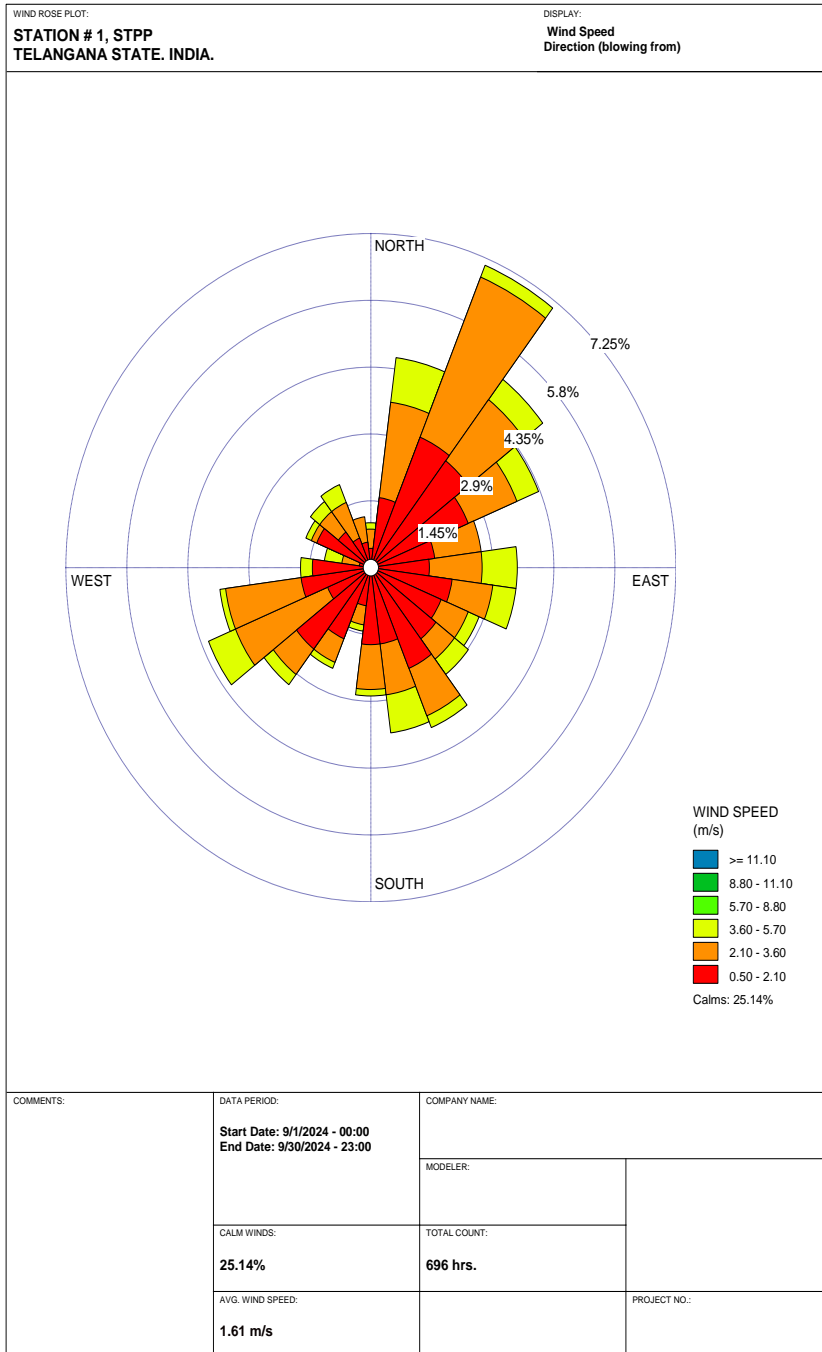


Fig 4.4: Wind rose diagram for the Month of July, 2024



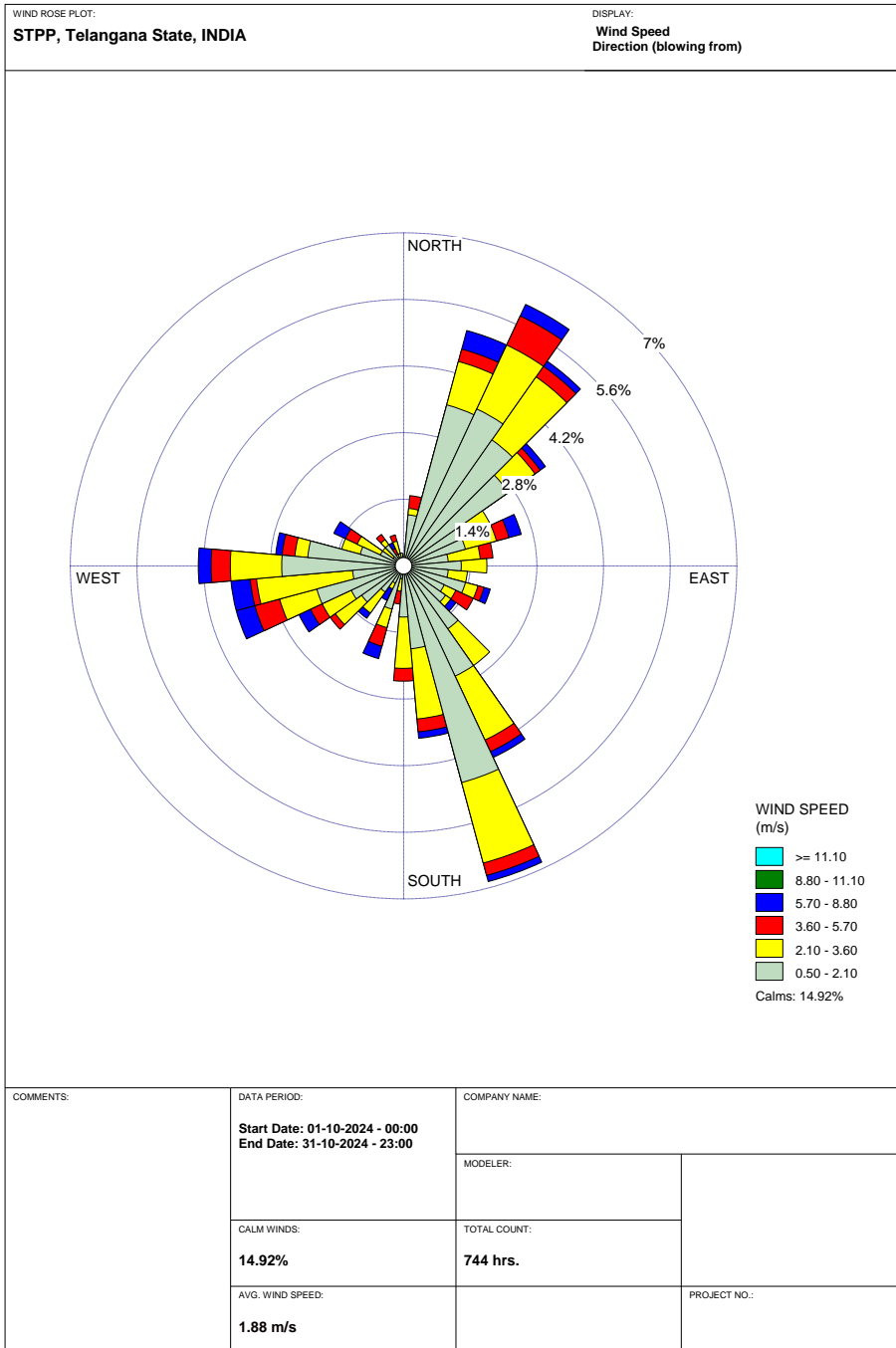
WRPLOT View - Lakes Environmental Software

Fig 4.5: Wind rose diagram for the Month of August, 2024



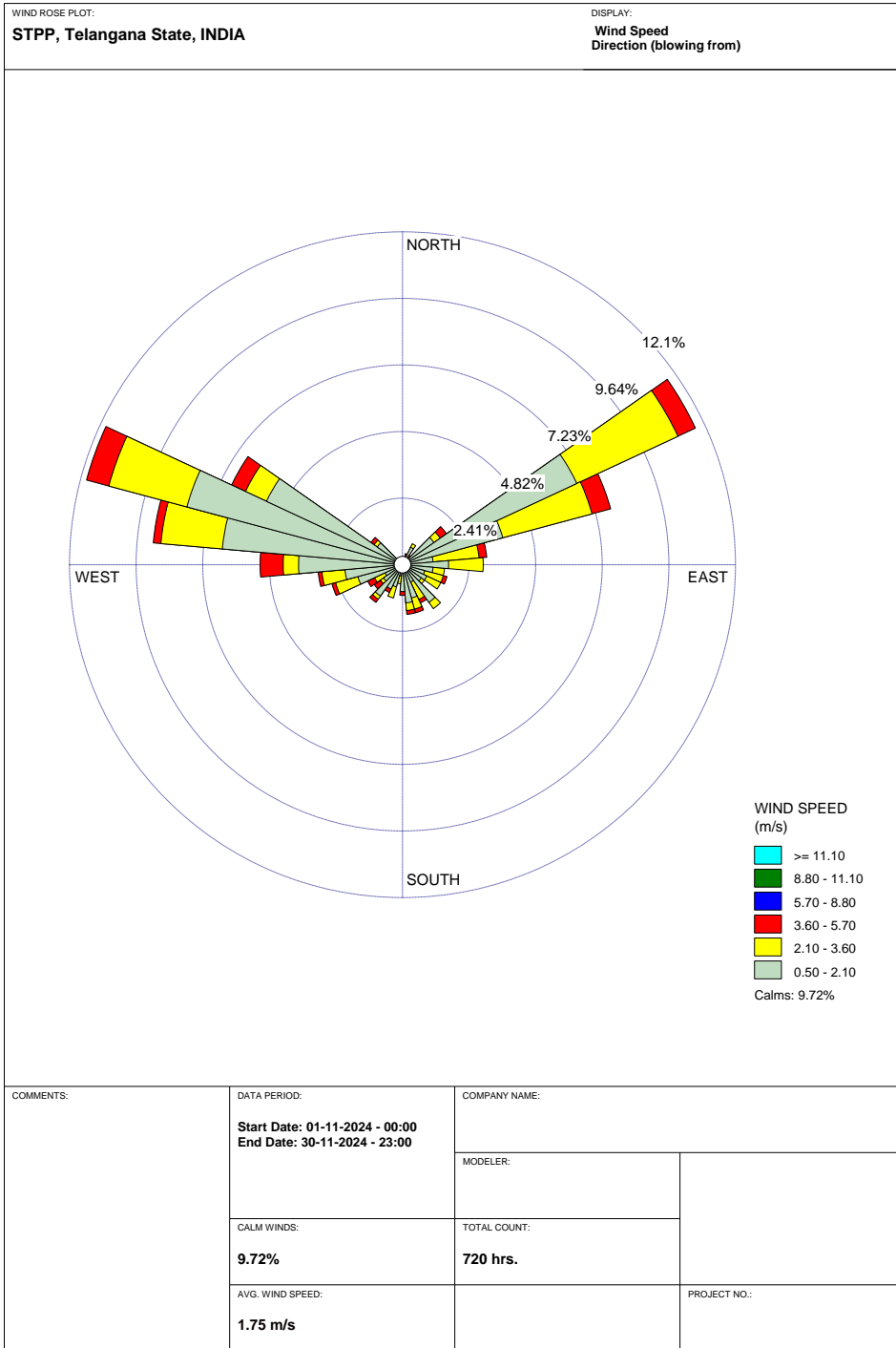
WRPLOT View - Lakes Environmental Software

**Fig 4.6: Wind rose diagram for the Month of September, 2024**

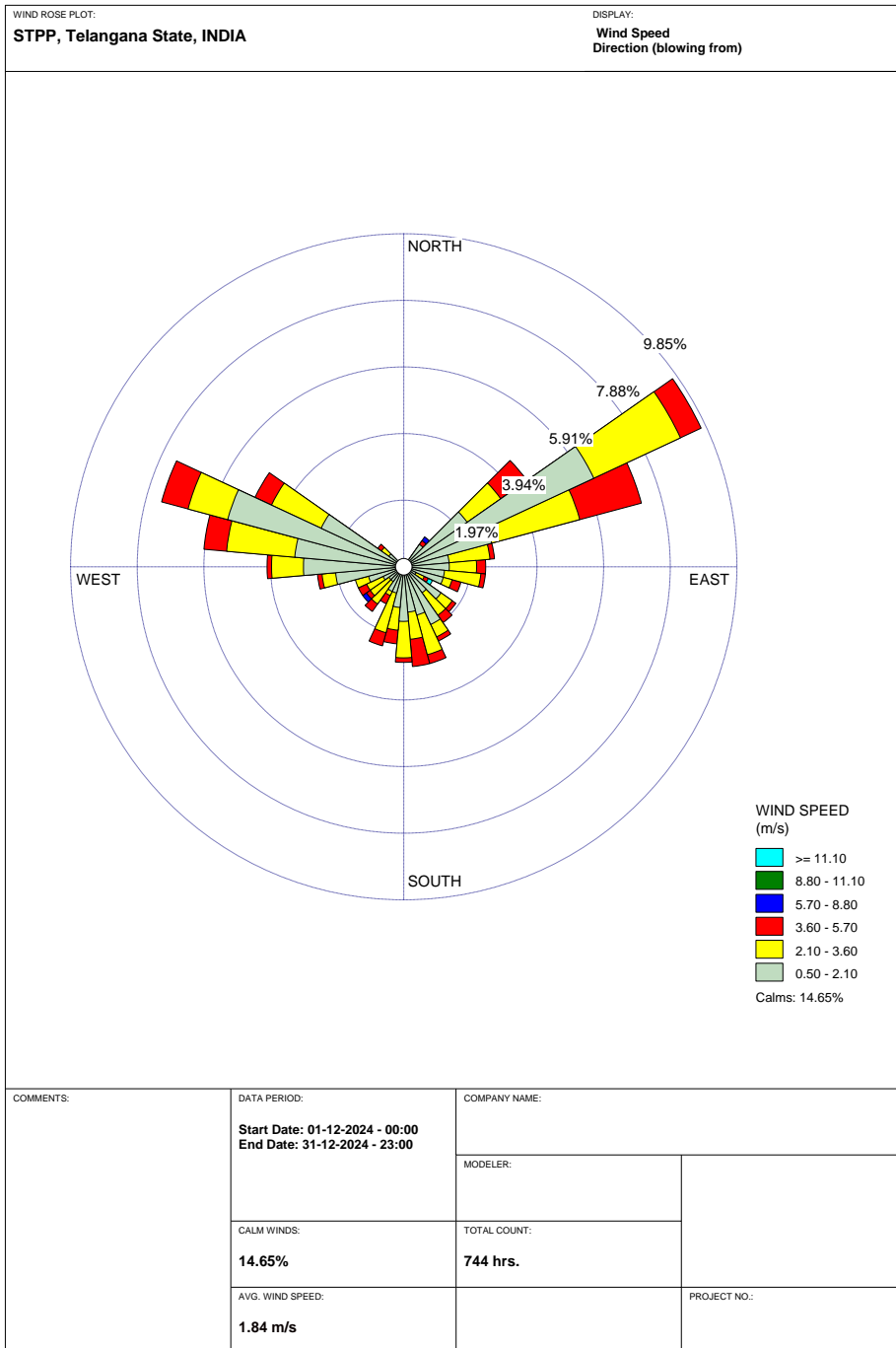


WRPLOT View - Lakes Environmental Software

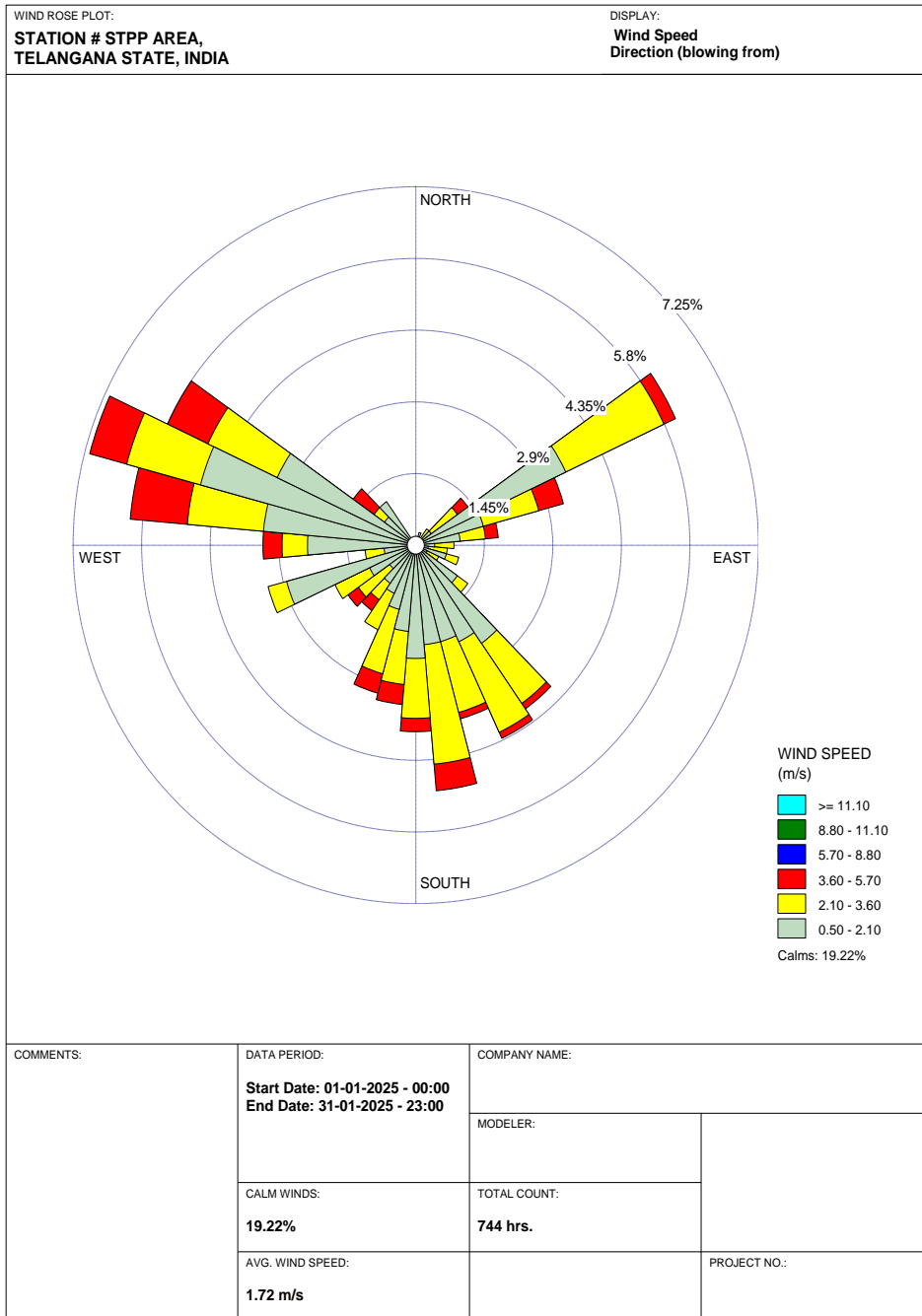
**Fig 4.7: Wind rose diagram for the Month of October, 2024**



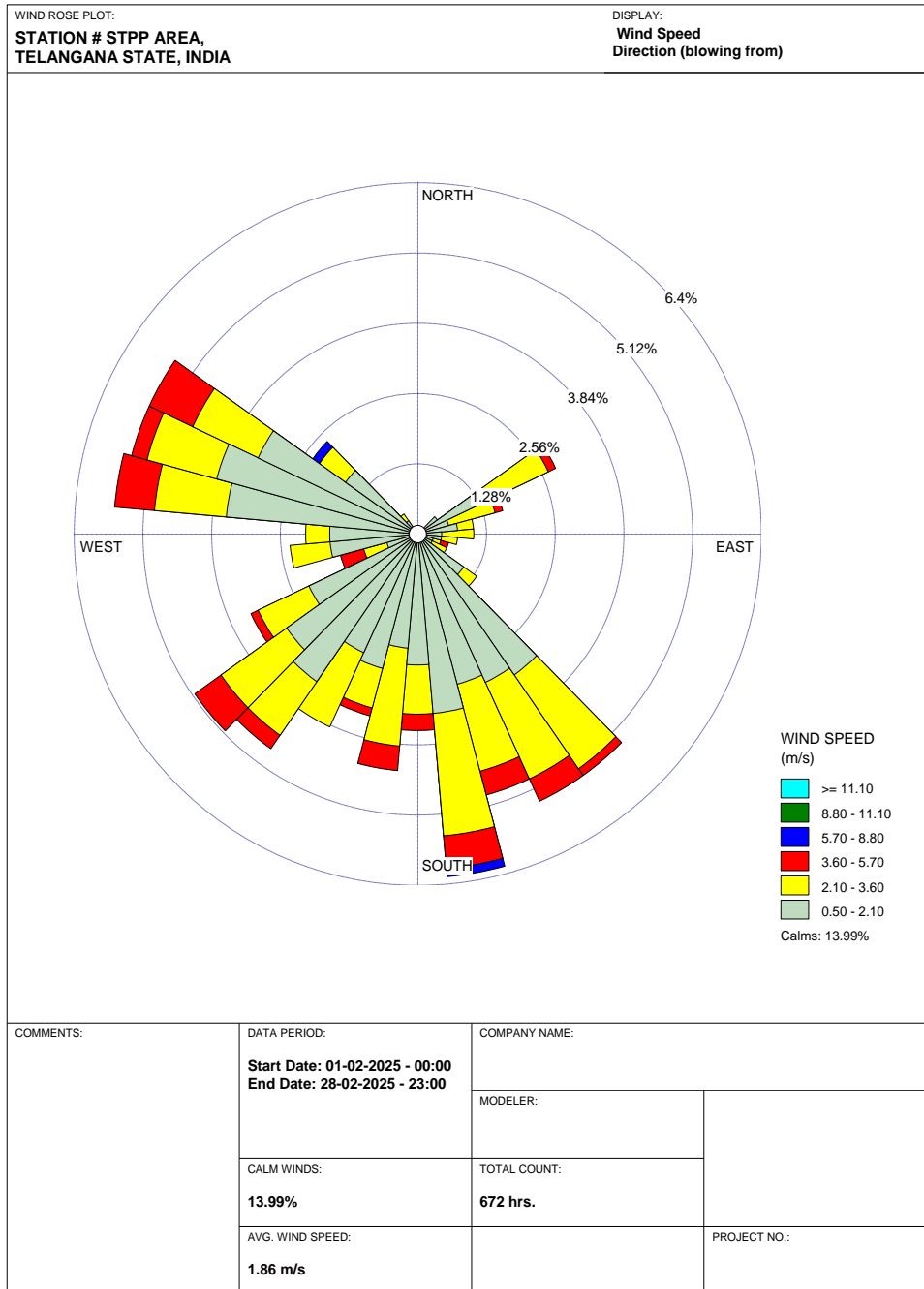
**Fig 4.8: Wind rose diagram for the Month of November, 2024**



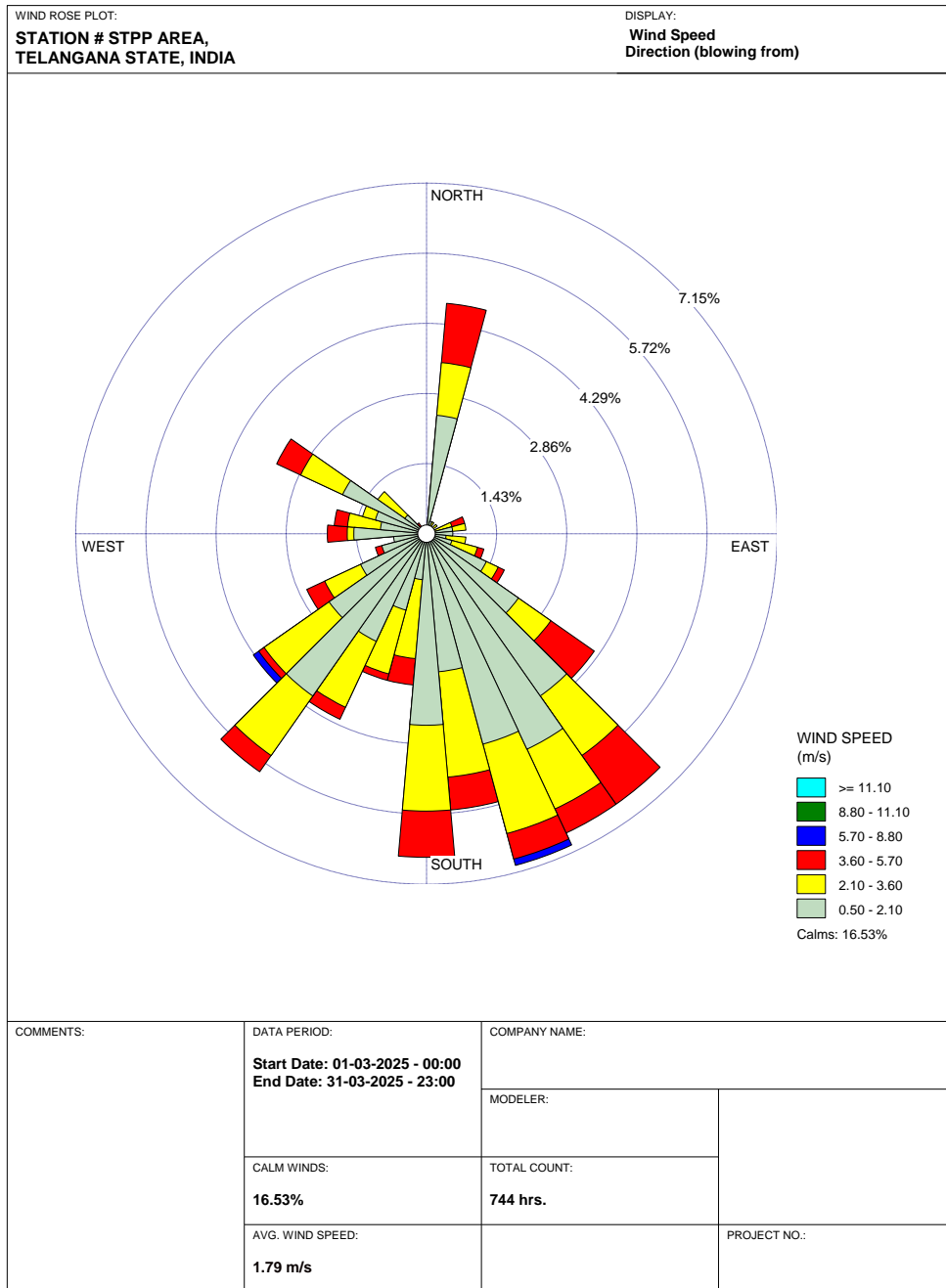
**Fig 4.9: Wind rose diagram for the Month of December, 2024**



**Fig 4.10: Wind rose diagram for the Month of January, 2025**

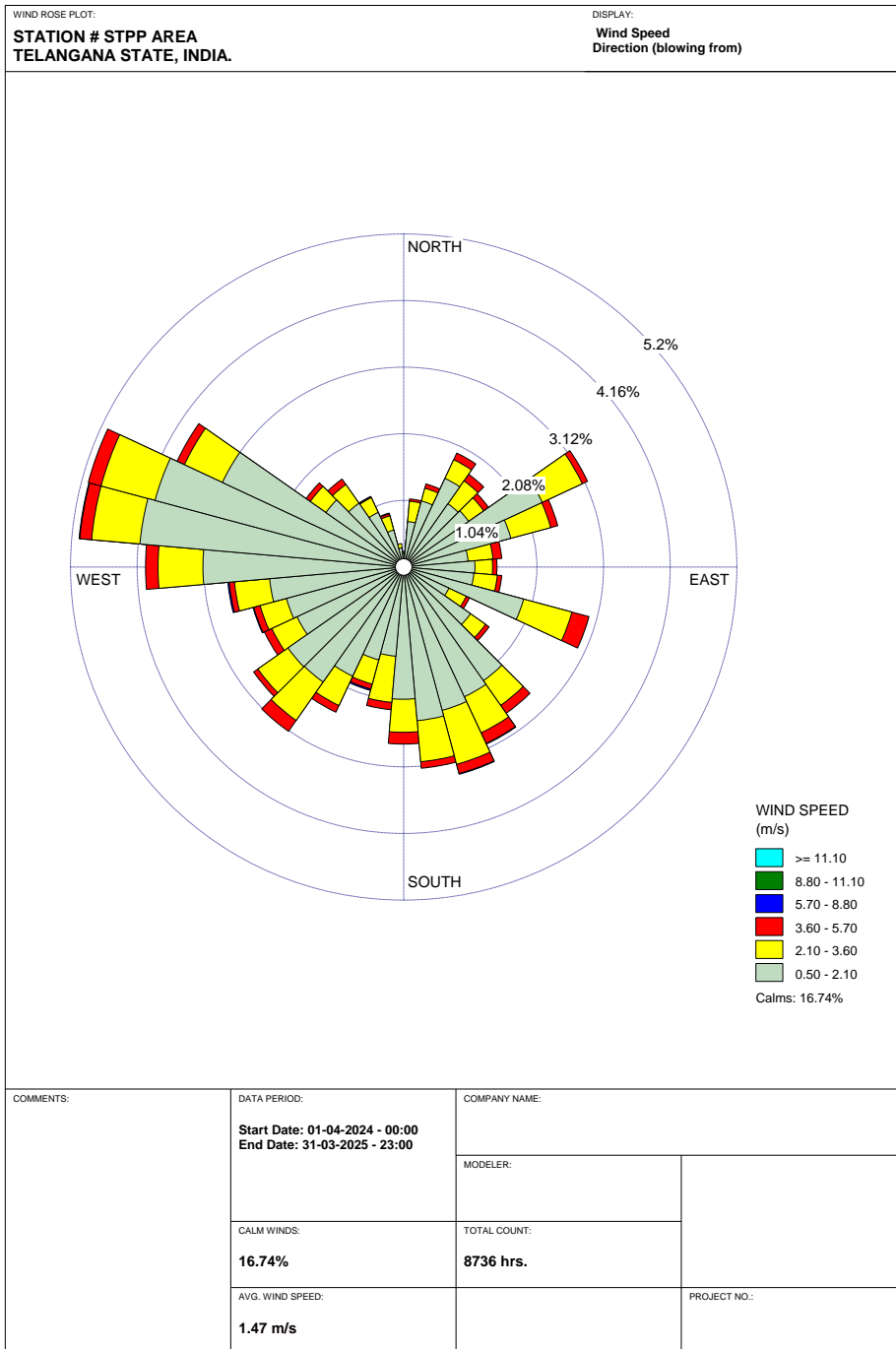


**Fig 4.11: Wind rose diagram for the Month of February, 2025**



WRPLOT View - Lakes Environmental Software

**Fig 4.12: Wind rose diagram for the Month of March, 2025**



WRPLOT View - Lakes Environmental Software

**Fig. 4.13: Wind rose diagram for the study period from April 2024 – March 2025**

**Topography:**

The area is a gently sloping plain terrain with local undulations. The local relief varies from 130 m above mean sea level in the south western part to 155 m above mean sea level in the south eastern part. The area is gently undulating and sloping towards River Godavari in southerly direction by 4.21m/km. The site identified for power plant is plain in nature, hence does not require any filling.

**Rivers, Nallahs, Tanks within 5 km radius of 2X600M.W.Singareni Thermal Power Plant.**

Godavari River, Tekumatla Vagu, Elakanti Tank, Tekumatla Tank, Shetipally Tank, Indaram Tank.

**Industrial activities other than coal mining activities within 10km radius:**

SCCL: Coal mines of SCCL

Other than SCCL: (i) 2600 MW Power Plant of NTPC, Ramagundam, (ii) 62.5 MW. Power Plant of TS GENCO, Ramagundam, (iii) Associated Cement Company, Mancherial, (M)

**Small scale Industries:**

(i) Ceramic Industries near Mancherial, (ii) Tile factories near Mancherial, (iii) Rice Mills, Mancherial, Indaram, Jaipur, Chennur and Ramagundam, (iv) Brick Kilns near Mancherial, Indaram, Jaipur, Chennur and Ramagundam, Cotton Ginning Mills at Chennur, Indaram etc.,

**Land use pattern in the surrounding areas:**

Industrial, agricultural lands both wet and dry waste land and fallow lands, settlements, residential colonies, tanks and Nallahs and roadways.

The major sources of water for irrigation in this area are tanks, Nallahs, Lift irrigation project of Kaleshwaram etc.

**FORM -V**  
**(See rule-14)**

**As per Rule-14 of Environmental [Protection] Rules, 1986 and amendments thereof**  
**Environmental Audit report for the financial year (1<sup>st</sup> April, 2024 - 31<sup>st</sup> March 2025)**

**PART - A**

- i) Name and address of the owner/occupier of the industry, operation or process      2x600MW Thermal Power Plant,  
The Singareni Collieries Company Limited,  
Jaipur Village & Mandal  
Mancherla Dist. Telangana State.
- ii) Industry category      Primary  
Primary: (STC Code)      Red – Hazardous  
Secondary: (STC Code)      (Coal Based Thermal Power Plant)
- iii) Production Capacity      2 x 600 MW (1200 MW)
- iv) Year of Establishment      Unit 1 – 25.09.2016  
Unit 2 – 02.12.2016
- v) Date of the last environmental audit report submitted      2023-24

**PART - B**

<b>i)</b>	<b>Water Consumption, [m<sup>3</sup>/day]</b>	<b>During previous Year 2023-2024</b>	<b>During current Year 2024-2025</b>
a.	Cooling water makeup	64125	59578
b.	Boiler feed makeup	873	691
c.	Service water	10380	7227
d.	Clarifier sludge	-	-
e.	Ash Dyke loss + seepage loss + Design margin	-	-
f.	Ash Dyke Initial operation	-	-
g.	Ventilation	-	-
h.	Central Monitoring Basin (CMB)	1155	680
i.	Domestic water for plant & colony.	1062	1119
	<b>Total</b>	<b>77595</b>	<b>69285</b>

S.No	Name of Product	Water consumption per unit of product		
		During the financial year 2023-2024	During the financial year 2024-2025	
1	Power Generation	2.69 m <sup>3</sup> /MWh	2.76 m <sup>3</sup> /MWh	
ii)	Raw material consumption			
S.No	Name of raw material	Units	Consumption of raw material per unit of output	
			During the financial year 2023-2024	During the financial year 2024-2025
1	Coal ( per annum)	MT	5338909	4961231
2	Drained Oil	Litre	Nil	Nil
3	Lubricant oil	Litre/MW	0.00247	0.00199
4	HCL	Litre	1.516	1.178
5	Hydrozine hydrate	Litre	Nil	Nil
6	NaOH	Litre	0.399	0.302
7	Yellow guard	Litre	Nil	Nil
8	Phosphate	Litre	Nil	Nil
9	Gear oils	Litre	Included in Lubricants	Included in Lubricants
10	Grease	Kg/MW	0.00102	0.000011
11	Electrical power consumed internally (Avg. Auxiliary Power Consumption per annum)	MU	545 MU	485MU

**Note:** *Month wise Consumption of raw water is given in Annexure – I.  
Month wise Consumption of raw material is given in Annexure – II.  
Month wise power generation is given in Annexure – III*

<b>PART - C</b> Pollution Generated (Parameters as specified in the consent issued)				
i)	Pollutants	Quantity of pollutant discharged (mass/day) (Avg.)	Concentration of pollutant discharges (mass/volume) (Avg.)	Percentage of variation from prescribed standards with reasons
a) Water	<p>The Effluent Treatment System (ETP) is designed to treat all the waste water from the power plant conforming to MoEF&amp;CC/CPCB/ TGPCB standards.</p> <p>The Effluent Treatment Plant comprises of CMB, Clarifier, oil separator etc.</p> <p>Domestic sewage from plant and colony are being treated in the Sewage Treatment Plant (STP).</p> <p>The treated water will be utilized for bottom ash sluicing, green belt development, dust suppression, dust extraction, floor washing etc.</p>			All the values are well within the limits stipulated by TGPCB
	Source	Max. daily Discharge permitted as per CFO m <sup>3</sup> / day	Treatment details for control of effluent	

	Back wash from Clarifloculator and filter back wash	5160	CMB & Clarifier
	DM Plant regeneration effluent	372	Neutralization pit, CMB, Clarifier
	Boiler Blow down	288	CMB, Clarifier
	Cooling tower blow down	16160	CMB and clarifier
	Ash pond effluent	1382	Infiltration system in ash pond, CMB, Clarifier
	Plant Domestic	540	STP
	Others (Oil and coal handling areas)	384	Oil separator, CMB and clarifier

<b>b) Air</b>				Well within the limit's as per TGPCB		
<p>Main sources of Air Pollution are coal handling operations in the plant area, stack gases and fugitive dust emissions from coal handling process.</p> <p>a. Particulate matter in the stack is being controlled by providing highly efficient (99.98%) electrostatic precipitators (ESPs) to limit outlet concentration to 50 mg/Nm<sup>3</sup>.</p> <p>b. Chimney of 275 m height is constructed for dispersion of Sulphur dioxide.</p> <p>c. Closed Cycle Cooling Towers are proposed to prevent thermal pollution</p> <p>d. Effective dust suppression measures are being taken at coal handling plant (CHP) and Ash Handling Plants. The crusher houses are enclosed to the extent possible and the dust suppression arrangements are provided at suitable locations in the CHP. All conveyors, screens, crushers, etc. are provided with covers to avoid fugitive dust during operation.</p>						
<b>b) Air (Stack Quality)</b>		<b>mg/Nm<sup>3</sup></b>			Well within the limit's as per TGPCB	
		<b>PM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>		<b>Hg</b>
1	Stack Monitoring: Stack connected to Boiler stack Unit-1 600MW	43	1308	297		BDL
2	Stack Monitoring: Stack connected to Boiler stack Unit-2 600MW	47	1557	308	BDL	
FDG is under installation for control SO <sub>2</sub> emissions						

S No	LOCATIONS	PM <sub>10</sub> [µg/m <sup>3</sup> ]	PM <sub>2.5</sub> [µg/m <sup>3</sup> ]	SO <sub>2</sub> [µg/m <sup>3</sup> ]	NO <sub>2</sub> [µg/m <sup>3</sup> ]	
<b>Core Zone</b>						Well within the limit's as per TGPCB
1	Civil Office	60	29	11	14	
2	Weigh Bridge near main gate	61	30	11	15	
3	Labour camp	61	29	10.8	14	
4	Stacker reclaimers	64	31	12	15	
<b>Buffer Zone</b>						Well within the limit's as per TGPCB
1	Rasulpalli Village	58	28	11	13	
2	Dubbapalli Village	57	26	10.6	13	
3	Jaipur Village	61	29	11	14	
4	Pegadapally Village	61	28	11	13.8	
5	Tekumatla Village	60	29	10.8	13.5	

**Note:** Month wise data report of water and waste water quality is given in Annexure - IV. Month wise data report of Stack emissions is given in Annexure-V  
Month wise data report of Ambient Air quality is given in Annexure-VI

**PART – D**  
**SOLID WASTES**

		Total Quantity (Tones)	
		During the current financial year 2023-2024	During the current financial year 2024-2025
From Process (Ash generation)	Fly Ash	1339674	1392968
	Bottom Ash	697938	675422
From Pollution Control Facilities		-	-
From the Sludge Centrifuge (Dry Sludge)		-	-

*Note: Month wise generation of Bottom Ash & Fly Ash is given in Annexure – VII.*

**PART – E**

**Hazardous Wastes** (As specified under Hazardous Wastes (Management and Handling) rules, 1998)

Hazardous Wastes		Total Quantity	
		During the current financial year 2023-2024	During the current financial year 2024-2025
From Process			
From Others	Waste lube oil, KL	40	44.94
	Waste grease, T	0.00000112	-
	Oily cotton waste, T	Nil	Nil
	E Waste, T	0.266	0.73
	Used Battery, T	3.0	0.5
From Pollution control facilities		-	-

*Note: Being disposal through authorized recycler.*

**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**

Total of 44.94 KL waste oil is generated and the total quantity is used as lubrication for chain links and conveyors, etc.

Total of 50 Nos (Approx: 0.5 Tones) of Used Battery is generated and are being disposed to authorized vendors.

Total about 675422Tones and 1392968 Tones of Bottom ash and Fly ash is generated from the plant and pollution control equipment. The Ash generated is given to Cement, Ready Mix Concrete (RMC), brick/Block-manufacturing units etc on sale basis.

## PART – G

### **Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.**

Ash: Providing of dry fly ash to Cement, Ready Mix Concrete (RMC), Fly ash Brick/Block manufacturing industries etc., pond ash to clay manufacturing industries, NH, R&B Authorities etc.

Water: Through various modifications and conservation programmes, approx. 6400 KL/day of water conserved on daily basis.

The commissioning of the plant was done in the year 2016 as per details given below:

Unit -1 (1 x 600 MW)	25-09-2016
Unit -2 (1 x 600 MW)	02-12-2016

Pollution control measures are being follow up and its impact on conservation of natural resources will be observed.

## PART – H

### **Additional investment proposal for environmental protection including abatement of pollution.**

The details of Additional investment for environmental protection are given below:

<b>S. No</b>	<b>Description</b>	<b>Amount</b>
1	Mobile Vacuum Cleaners	3.0 Lakhs
2	Fog Cannon	13.0 Lakhs
3	Floating Solar Power Plant (5MW Floating solar PV Plant)	26.0Cr. (Rs.5.24Cr./MW)
4	*Flue gas Desulphurization Unit	Rs.696.50 Crs.
5	Coal Movement by Railways	Rs.110/MT
6	Wagon Unloading System-Track Hopper-BOBRN Racks	25.0 Cr
7	Greenbelt development In Plant(including Miyawaki system)	178 Lakhs
8	Greenbelt development In Mines	----

- ◆ The details of sapling for greenbelt development are given in **ANNEXURE-VIII**

\* FGD commissioning work is under progress.

**PART - I**

**Any other particulars for improving the quality of the Environment.**

- ◆ Singareni has spent Rs. 2199.11 Lakhs under CSR
- ◆ Singareni is conducting regular meeting for reviewing and taking up various improvements in the quality of the Safety and Environment.
- ◆ Singareni is conducting regular environmental monitoring to comply the conditions of TGPCB.
- ◆ Employees are being educated in protecting environment by conducting environmental awareness week and quiz competitions during World Environment Day (WED) and World Environment protection day.
- ◆ As suggested by CGWB, Construction works of 46 Nos. Rain Water Harvesting pits with borewells at STPP are completed
- ◆ "Telanganaku Harithaharam / Vriksharopan Abhiyan" is being organized every year and mass plantation is being taken up as per the guidance of the TGPCB.

*Chiranjeevi. Ch*

Executive Director, STPP

**Executive Director,  
STPP-JAIPUR**

Station: 2x600MW, STPP  
Date : 28.06.2025

## ANNEXURE - I

**RAW WATER CONSUMPTION STATEMENT FOR  
THE FINANCIAL YEAR 2024 - 25**

MONTH	WATER CONSUMPTION IN M <sup>3</sup>			
	PROCESS (RO PLANT)	CT MAKE-UP	DOMESTIC	TOTAL CONSUMPTION
<b>Apr-24</b>	-	2069206	31848	2101054
<b>May-24</b>	-	2097407	35844	2133251
<b>Jun-24</b>	-	1709792	38143	1747935
<b>Jul-24</b>	-	1191995	33957	1225952
<b>Aug-24</b>	-	1291561	34147	1325708
<b>Sep-24</b>	-	1819385	32734	1852119
<b>Oct-24</b>	-	1958593	34982	1993575
<b>Nov-24</b>	-	1776870	35932	1812802
<b>Dec-24</b>	-	1945766	31550	1977316
<b>Jan-25</b>	-	1939256	31772	1971028
<b>Feb-25</b>	-	1870036	29836	1899872
<b>Mar-25</b>	-	2076653	37718	2114353
<b>Total</b>		<b>21746520</b>	<b>408463</b>	<b>22154983</b>

**RAW MATERIAL CONSUMPTION STATEMENT FOR  
THE FINANCIAL YEAR 2024-25**

<b>Month</b>	<b>Coal(MT)</b>
Apr-24	433269.8
May-24	465383
Jun-24	328737
Jul-24	237182
Aug-24	236378
Sep-24	440137
Oct-24	472772
Nov-24	438392
Dec-24	444491
Jan-25	497600
Feb-25	487726
Mar-25	479163
<b>Total</b>	<b>4961231</b>

**POWER GENERATION STATEMENT FOR  
THE FINANCIAL YEAR 2024-25**

<b>Month</b>	<b>Power Generation (MU)</b>	<b>Auxiliary Power Consumption (MU)</b>	<b>Power Export to TG TRANSCO (MU)</b>
<b>Apr-2024</b>	730.840	43.261	687.579
<b>May-2024</b>	751.880	44.769	707.111
<b>Jun-2024</b>	560.320	36.517	523.803
<b>Jul-2024</b>	397.870	24.667	373.203
<b>Aug-2024</b>	375.270	24.362	350.908
<b>Sep-2024</b>	679.970	43.832	636.138
<b>Oct-2024</b>	748.610	49.484	699.126
<b>Nov-2024</b>	704.300	42.372	661.928
<b>Dec-2024</b>	690.610	42.121	648.489
<b>Jan-2025</b>	771.780	44.340	727.440
<b>Feb-2025</b>	762.890	42.859	720.031
<b>Mar-2025</b>	811.960	46.637	765.323
<b>Total</b>	<b>7986.30</b>	<b>485.221</b>	<b>7501.079</b>

**TREATED EFFLUENT STATEMENT FOR  
THE FINANCIAL YEAR 2024-25**

<b>MONTH</b>	<b>QUANTITY OF TREATED EFFLUENT (M<sup>3</sup>) (PROCESS)</b>	<b>QUANTITY OF TREATED EFFLUENT(M<sup>3</sup>) (COOLING)</b>	<b>TOTAL QUANTITY OF TREATED EFFLUENT (M<sup>3</sup>)</b>
<b>Apr-24</b>	20825	-	20825
<b>May-24</b>	31836	-	31836
<b>Jun-24</b>	53421	-	53421
<b>Jul-24</b>	49817	-	49817
<b>Aug-24</b>	5130	-	5130
<b>Sep-24</b>	3836	-	3836
<b>Oct-24</b>	300	-	300
<b>Nov-24</b>	13646	-	13646
<b>Dec-24</b>	21341	-	21341
<b>Jan-25</b>	15039	-	15039
<b>Feb-25</b>	14247	-	14247
<b>Mar-25</b>	18785	-	18785
<b>Total</b>	<b>248223</b>	-	<b>248223</b>

**STACK ANALYSIS REPORTS FOR APRIL 2024 TO MARCH 2025****Details of Boiler Stack Unit-1**

Stack connected to Boiler 600MW	SA1					
	April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
Date of sampling	20.04.2024	10.05.2024	13.06.2024	12.07.2024	12.08.2024	13.09.2024
Diameter of the stack (m)	7.0	7.0	7.0	7.0	7.0	7.0
Temperature of the flue gas (°C)	124.25	126.8	126.5	123.5	124.4	124.3
Velocity of the flue gas (m/sec)	20.49	21.93	22.70	22.21	22.01	22.15
Volumetric Discharge (Nm <sup>3</sup> /sec)	579.34	608.65	638.75	624.2	639.65	637.15
No. of Traverse Points	32	32	32	32	32	32
Port Hole Status: a) Location of port as per CPCB guidelines b) Approach c) Plat form	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent
No. of Port Holes	2 No	2 No	2 No	2 No	2 No	2 No
Air Pollution Control Equipment Type: Status: working/Not working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working
Fuel used	Coal	Coal	Coal	Coal	Coal	Coal

S.No	Parameter (s)	Unit	Test Method	CPCB Standards	Concentration					
					SA1					
					April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS:11255, Part 1, 1985	50 mg/Nm <sup>3</sup>	42.25	43.3	43	42.9	42.9	41.85
2.	Sulphur dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	IS:11255, Part 2, 1985	200 mg/Nm <sup>3</sup>	1425.4	1374.1	1228.6	1275	1223.0	1313.6
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	IS:11255, Part 7,2005	300 mg/Nm <sup>3</sup>	298.85	318.6	328.6	306.6	258.0	290.3
4.	Carbon dioxide (CO <sub>2</sub> )	%	Electro chemical sensor	NS	12.8	12.0	10.5	12.3	12.6	12.0
5.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	Electro chemical sensor	NS	28.4	25.8	19.5	30.8	28.9	28.8
6.	Oxygen (O <sub>2</sub> )	%	Electro chemical sensor	NS	7.74	8.02	7.26	7.8	7.75	7.9
7.	Mercury (Hg)	mg/Nm <sup>3</sup>	IO-3EPA	0.03 mg/Nm <sup>3</sup>	BDL	BDL	BDL	BDL	BDL	BDL

**Note:** NS-Not Specified

**\*Remarks:** The SPM levels from the stack and other parameters are meeting the standards except SO<sub>2</sub>

**STACK ANALYSIS REPORTS FOR APRIL 2024 TO MARCH 2025**

Stack connected to Boiler 600MW	SA1					
	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	March 2025
Date of sampling	15.10.2024	05.11.2024	-	06.01.2025	17.02.2025	11.03.2025
Diameter of the stack (m)	7.0	7.0	-	7.0	7.0	7.0
Temperature of the flue gas (°C)	131.1	130.1	-	127.5	132.5	132.7
Velocity of the flue gas (m/sec)	21.91	22.4	-	22.6	22.2	22.0
Volumetric Discharge (Nm <sup>3</sup> /sec)	625.85	622.8	-	643.05	624.8	619.5
No. of Traverse Points	32	32	-	32	32	32
Port Hole Status: a) Location of port as per CPCB guidelines b) Approach c) Plat form	Yes Permanent Permanent	Yes Permanent Permanent	-	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent
No. of Port Holes	2 No	2 No	-	2 No	2 No	2 No
Air Pollution Control Equipment Type: Status: working/Not working	Yes & Before ESP Working	Yes & Before ESP Working	-	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working
Fuel used	Coal	Coal	-	Coal	Coal	Coal

S.No	Parameter (s)	Unit	Test Method	CPCB Standards	Concentration					
					SA1					
					Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	March 2025
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS:11255, Part 1, 1985	50 mg/Nm <sup>3</sup>	41.6	41.55	-	42.7	44.9	44.2
2.	Sulphur dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	IS:11255, Part 2, 1985	200 mg/Nm <sup>3</sup>	1321.0	1170.4	-	1430.5	1373	1256.5
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	IS:11255, Part 7, -2005	450 mg/Nm <sup>3</sup>	289.5	238.5	-	302.5	310.5	328
4.	Carbon dioxide (CO <sub>2</sub> )	%	Electro chemical sensor	NS	12.5	13.15	-	12.75	13.05	13.8
5.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	Electro chemical sensor	NS	21.45	15.6	-	20	22.7	21.05
6.	Oxygen (O <sub>2</sub> )	%	Electro chemical sensor	NS	6.155	5.75	-	7.1	7.35	7.3
7.	Mercury (Hg)	mg/Nm <sup>3</sup>	IO-3EPA	0.03 mg/Nm <sup>3</sup>	BDL	BDL	-	BDL	BDL	BDL

Note: NS-Not Specified

\*Remarks: The SPM levels from the stack and other parameters are meeting the standards except SO<sub>2</sub>  
U#1 COH Unit shutdown for December 2024.

**STACK ANALYSIS REPORTS FOR APRIL 2024 TO MARCH 2025****Details of Boiler Stack Unit-2**

Stack connected to Boiler 600MW	SA2					
	April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
Date of sampling	20.04.2024	10.05.2024	13.06.2024	-	-	13.09.2024
Diameter of the stack (m)	7.0	7.0	7.0	-	-	7.0
Temperature of the flue gas (°C)	114.5	125.75	119	-	-	124.5
Velocity of the flue gas (m/sec)	20.06	22.60	22.30	-	-	22.6
Volumetric Discharge (Nm <sup>3</sup> /sec)	582.45	636.35	640	-	-	645.05
No. of Traverse Points	32	32	32	-	-	32
Port Hole Status: a) Location of port as per CPCB guidelines b) Approach c) Plat form	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	-	-	Yes Permanent Permanent
No. of Port Holes	2 No	2 No	2 No	-	-	2 No
Air Pollution Control Equipment Type: Status: working/Not working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	-	-	Yes & Before ESP Working
Fuel used	Coal	Coal	Coal	-	-	Coal

S.No	Parameter (s)	Unit	Test Method	CPCB Standards	Concentration					
					SA2					
					April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS:11255, Part – 1, 1985	50 mg/Nm <sup>3</sup>	46.5	47.8	47.2	-	-	47.2
2.	Sulphur dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	IS:11255, Part – 2, 1985	200 mg/Nm <sup>3</sup>	1511.0	1776.3	1593.2	-	-	1628.0
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	IS:11255, Part – 7,-2005	300 mg/Nm <sup>3</sup>	318.5	329.7	341.9	-	-	311.5
4.	Carbon dioxide (CO <sub>2</sub> )	%	Electro chemical sensor	NS	11.7	10.5	10.8	-	-	11.4
5.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	Electro chemical sensor	NS	31.7	24.3	18.9	-	-	30.15
6.	Oxygen (O <sub>2</sub> )	%	Electro chemical sensor	NS	8.71	7.31	7.0	-	-	8.1
7.	Mercury (Hg)	mg/Nm <sup>3</sup>	IO-3EPA	0.03 mg/Nm <sup>3</sup>	BDL	BDL	BDL	-	-	BDL

Note: NS-Not Specified

\*Remarks: The SPM levels from the stack and other parameters are meeting the standards except SO<sub>2</sub>

U#2 COH Unit shutdown for July and August 2024.

**STACK ANALYSIS REPORTS FOR APRIL 2024 TO MARCH 2025**

Stack connected to Boiler 600MW	SA2					
	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	March 2025
Date of sampling	15.10.2024	05.11.2024	31.12.2024	06.01.2025	17.02.2025	11.03.2025
Diameter of the stack (m)	7.0	7.0	7.0	7.0	7.0	7.0
Temperature of the flue gas (°C)	125.3	127.1	118	132.0	135	133.8
Velocity of the flue gas (m/sec)	22.3	22.35	21.2	22.0	22.6	22.4
Volumetric Discharge (Nm <sup>3</sup> /sec)	629.6	631.55	620	613.6	634.7	638.7
No. of Traverse Points	32	32	32	32	32	32
Port Hole Status: a) Location of port as per CPCB guidelines b) Approach c) Plat form	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent	Yes Permanent Permanent
No. of Port Holes	2 No	2 No	2 No	2 No	2 No	2 No
Air Pollution Control Equipment Type: Status: working/Not working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working	Yes & Before ESP Working
Fuel used	Coal	Coal	Coal	Coal	Coal	Coal

S.No	Parameter (s)	Unit	Test Method	CPCB Standards	Concentration					
					SA2					
					Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	March 2025
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS:11255, Part 1, 1985	50 mg/Nm <sup>3</sup>	47.4	46.45	48	47.4	48	47.15
2.	Sulphur dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	IS:11255, Part 2, 1985	200 mg/Nm <sup>3</sup>	1527	1330.9	1561	1570	1581	1487.5
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	IS:11255, Part 7 2005	450 mg/Nm <sup>3</sup>	290.5	222.55	312	319.5	320.5	310.5
4.	Carbon dioxide (CO <sub>2</sub> )	%	Electro chemical sensor	NS	12.95	13.05	12.5	12.65	13.65	14.15
5.	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	Electro chemical sensor	NS	20.55	15.9	19.0	22.2	19.55	22.5
6.	Oxygen (O <sub>2</sub> )	%	Electro chemical sensor	NS	6.25	5.55	5.6	7.25	7.75	7.4
7.	Mercury (Hg)	mg/Nm <sup>3</sup>	IO-3EPA	0.03 mg/Nm <sup>3</sup>	BDL	BDL	BDL	BDL	BDL	BDL

Note: NS-Not Specified

\*Remarks: The SPM levels from the stack and other parameters are meeting the standards except SO<sub>2</sub>

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025****Ambient Air Quality at STPP CISF Office (CA1)**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
1	CA1	STPP CISF Office	03.04.2024	72	29.7	10.3	16.3	BDL
2	CA1	STPP CISF Office	04.04.2024	69	28.8	10.7	16.8	BDL
3	CA1	STPP CISF Office	10.04.2024	72	30.4	9.5	15.1	BDL
4	CA1	STPP CISF Office	11.04.2024	71	31.8	9.8	15.6	BDL
5	CA1	STPP CISF Office	17.04.2024	73	32.4	10.4	16.2	BDL
6	CA1	STPP CISF Office	18.04.2024	70	30.9	11.2	16.9	BDL
7	CA1	STPP CISF Office	24.04.2024	72	30.2	11.7	17.3	BDL
8	CA1	STPP CISF Office	25.04.2024	79	31.3	12.3	17.9	BDL
9	CA1	STPP CISF Office	29.04.2024	74	32.8	11.5	16.8	BDL
10	CA1	STPP CISF Office	03.05.2024	70	31.3	12.2	17.5	BDL
11	CA1	STPP CISF Office	04.05.2024	74	32.7	11.7	17.2	BDL
12	CA1	STPP CISF Office	10.05.2024	81	33.4	13.2	18.1	BDL
13	CA1	STPP CISF Office	11.05.2024	68	28.6	9.2	15.1	BDL
14	CA1	STPP CISF Office	17.05.2024	29	17.4	4.4	8.8	BDL
15	CA1	STPP CISF Office	18.05.2024	61	26.4	8.7	13.3	BDL
16	CA1	STPP CISF Office	24.05.2024	56	25.7	7.7	12.3	BDL
17	CA1	STPP CISF Office	25.05.2024	64	30.6	11.4	16.9	BDL
18	CA1	STPP CISF Office	30.05.2024	75	32.1	12.2	17.3	BDL
19	CA1	STPP CISF Office	03.06.2024	71	32.6	11.9	18.1	BDL
20	CA1	STPP CISF Office	04.06.2024	62	31.4	10.8	16.6	BDL
21	CA1	STPP CISF Office	10.06.2024	65	31.7	10.6	16.4	BDL
22	CA1	STPP CISF Office	11.06.2024	66	30.9	11	17.1	BDL
23	CA1	STPP CISF Office	17.06.2024	68	31.3	10.7	17.3	BDL
24	CA1	STPP CISF Office	18.06.2024	64	30.2	9.6	16.3	BDL
25	CA1	STPP CISF Office	24.06.2024	61	29.8	9.3	15.9	BDL
26	CA1	STPP CISF Office	25.06.2024	62	31.2	9.4	16.4	BDL
27	CA1	STPP CISF Office	29.06.2024	46	25.3	7.1	14.2	BDL
28	CA1	STPP CISF Office	04.07.2024	64	30.4	10.2	15	BDL
29	CA1	STPP CISF Office	05.07.2024	61	27.4	9.6	13.4	BDL
30	CA1	STPP CISF Office	11.07.2024	55	25.3	11	16.3	BDL
31	CA1	STPP CISF Office	12.07.2024	51	28.3	8.2	14.6	BDL
32	CA1	STPP CISF Office	18.07.2024	43	27.2	9.3	13.1	BDL
33	CA1	STPP CISF Office	19.07.2024	54	28.8	11.2	14.5	BDL
34	CA1	STPP CISF Office	25.07.2024	40	22.8	10.6	11.5	BDL
35	CA1	STPP CISF Office	26.07.2024	52	23.5	11.4	12.8	BDL
36	CA1	STPP CISF Office	30.07.2024	54	24.9	9.1	13.7	BDL
37	CA1	STPP CISF Office	03.08.2024	58	25.4	8.4	12.4	BDL
38	CA1	STPP CISF Office	04.08.2024	55	29	11.1	14.5	BDL
39	CA1	STPP CISF Office	09.08.2024	50	23.3	10.1	15.1	BDL
40	CA1	STPP CISF Office	10.08.2024	52	26.3	9.3	14.6	BDL
41	CA1	STPP CISF Office	16.08.2024	40	24.2	10.1	11.1	BDL
42	CA1	STPP CISF Office	17.08.2024	50	26.4	11.6	15.5	BDL
43	CA1	STPP CISF Office	23.08.2024	45	21.8	9.4	10.4	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
44	CA1	STPP CISF Office	24.08.2024	51	22.2	12.1	14.8	BDL
45	CA1	STPP CISF Office	29.08.2024	52	23	8	15	BDL
46	CA1	STPP CISF Office	03.09.2024	56	24	9.2	13.1	BDL
47	CA1	STPP CISF Office	04.09.2024	54	26.3	10.5	12.5	BDL
48	CA1	STPP CISF Office	09.09.2024	55	27.1	12.8	14.6	BDL
49	CA1	STPP CISF Office	10.09.2024	59	29.8	10.7	15.1	BDL
50	CA1	STPP CISF Office	16.09.2024	62	30.1	11.5	16.2	BDL
51	CA1	STPP CISF Office	17.09.2024	60	32.1	12.4	13.8	BDL
52	CA1	STPP CISF Office	23.09.2024	61	31.3	11.2	15.3	BDL
53	CA1	STPP CISF Office	24.09.2024	58	28.6	12.2	15.5	BDL
54	CA1	STPP CISF Office	28.09.2024	61	29.2	11.6	14.4	BDL
55	CA1	STPP CISF Office	03.10.2024	62	30.2	12.7	13.1	BDL
56	CA1	STPP CISF Office	04.10.2024	55	25.1	10.4	11.4	BDL
57	CA1	STPP CISF Office	09.10.2024	59	27	11.8	13.6	BDL
58	CA1	STPP CISF Office	10.10.2024	65	29.8	9.6	15.6	BDL
59	CA1	STPP CISF Office	16.10.2024	63	31.3	12.5	14.4	BDL
60	CA1	STPP CISF Office	17.10.2024	62	28.2	11.3	12.7	BDL
61	CA1	STPP CISF Office	23.10.2024	60	29.2	12.2	15.3	BDL
62	CA1	STPP CISF Office	24.10.2024	59	26.3	13.2	13.1	BDL
63	CA1	STPP CISF Office	29.10.2024	56	28.6	10.7	12.4	BDL
64	CA1	STPP CISF Office	04.11.2024	63	31.5	11.2	12.3	BDL
65	CA1	STPP CISF Office	05.11.2024	57	25	9.8	11.6	BDL
66	CA1	STPP CISF Office	11.11.2024	58	26.3	10.6	13.4	BDL
67	CA1	STPP CISF Office	12.11.2024	62	30.1	12.2	15.1	BDL
68	CA1	STPP CISF Office	18.11.2024	60	32.6	13.4	16.1	BDL
69	CA1	STPP CISF Office	19.11.2024	59	27.2	10.1	12.8	BDL
70	CA1	STPP CISF Office	24.11.2024	64	29.7	12.6	14.2	BDL
71	CA1	STPP CISF Office	25.11.2024	56	25.4	10.3	12.6	BDL
72	CA1	STPP CISF Office	29.11.2024	61	29.1	11.4	13.1	BDL
73	CA1	STPP CISF Office	04.12.2024	60	29.2	11.7	12.4	BDL
74	CA1	STPP CISF Office	05.12.2024	58	24.3	10.1	11.2	BDL
75	CA1	STPP CISF Office	11.12.2024	56	25.1	9.8	11.6	BDL
76	CA1	STPP CISF Office	12.12.2024	61	31	11.2	14.2	BDL
77	CA1	STPP CISF Office	18.12.2024	57	27.2	10.5	12.6	BDL
78	CA1	STPP CISF Office	19.12.2024	62	30.4	12.2	13.8	BDL
79	CA1	STPP CISF Office	25.12.2024	60	28.6	11.6	14.2	BDL
80	CA1	STPP CISF Office	26.12.2024	59	26.2	9.6	12.1	BDL
81	CA1	STPP CISF Office	30.12.2024	63	31.3	12.6	15.3	BDL
82	CA1	STPP CISF Office	03.01.2025	64	32.1	12.3	14.7	BDL
83	CA1	STPP CISF Office	04.01.2025	62	29	11.2	12.3	BDL
84	CA1	STPP CISF Office	10.01.2025	59	27.8	10.1	11.8	BDL
85	CA1	STPP CISF Office	11.01.2025	66	33.4	13.2	15.7	BDL
86	CA1	STPP CISF Office	18.01.2025	60	30.2	11.5	13.2	BDL
87	CA1	STPP CISF Office	19.01.2025	65	29.6	12.1	14.1	BDL
88	CA1	STPP CISF Office	24.01.2025	61	27.4	11.4	13.6	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
89	CA1	STPP CISF Office	25.01.2025	63	28.6	12.8	15.3	BDL
90	CA1	STPP CISF Office	30.01.2025	59	26.5	10.7	11.5	BDL
91	CA1	STPP CISF Office	03.02.2025	60	30.1	11.6	12.3	BDL
92	CA1	STPP CISF Office	04.02.2025	59	29	12	13.1	BDL
93	CA1	STPP CISF Office	10.02.2025	61	32.2	12.4	15.4	BDL
94	CA1	STPP CISF Office	11.02.2025	57	28	10.8	11.2	BDL
95	CA1	STPP CISF Office	17.02.2025	64	29.4	11.3	13.4	BDL
96	CA1	STPP CISF Office	18.02.2025	60	27.8	10.8	12.5	BDL
97	CA1	STPP CISF Office	24.02.2025	58	31.6	12.6	15.1	BDL
98	CA1	STPP CISF Office	25.02.2025	62	30.3	10.5	11.3	BDL
99	CA1	STPP CISF Office	03.03.2025	63	31.2	12.6	14.2	BDL
100	CA1	STPP CISF Office	04.03.2025	60	29	11.3	12.4	BDL
101	CA1	STPP CISF Office	10.03.2025	59	27.4	10.2	11.1	BDL
102	CA1	STPP CISF Office	11.03.2025	61	29.3	10.8	11.4	BDL
103	CA1	STPP CISF Office	17.03.2025	62	31	11.5	12.6	BDL
104	CA1	STPP CISF Office	18.03.2025	60	28.6	11	12.3	BDL
105	CA1	STPP CISF Office	24.03.2025	59	27.3	11.6	13.4	BDL
106	CA1	STPP CISF Office	25.03.2025	64	31.4	12.4	14.1	BDL
107	CA1	STPP CISF Office	29.03.2025	61	28	12	13.6	BDL
<b>Min</b>				<b>29</b>	<b>17.4</b>	<b>4.4</b>	<b>8.8</b>	<b>BDL</b>
<b>Max</b>				<b>81</b>	<b>33.4</b>	<b>13.4</b>	<b>18.1</b>	<b>BDL</b>
<b>Avg</b>				<b>60.3</b>	<b>28.6</b>	<b>10.9</b>	<b>14.2</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>74.9</b>	<b>32.8</b>	<b>13.2</b>	<b>17.9</b>	<b>BDL</b>

**Ambient Air Quality at Weigh Bridge Near main gate (CA2)**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
1	CA2	Weigh Bridge near main gate	05.04.2024	73	33.4	12.4	18.2	BDL
2	CA2	Weigh Bridge near main gate	06.04.2024	74	33.7	12.1	17.8	BDL
3	CA2	Weigh Bridge near main gate	12.04.2024	72	32.8	11.7	16.5	BDL
4	CA2	Weigh Bridge near main gate	13.04.2024	78	34.7	10.8	15.8	BDL
5	CA2	Weigh Bridge near main gate	19.04.2024	69	32.5	12.2	18.7	BDL
6	CA2	Weigh Bridge near main gate	20.04.2024	74	33.3	11.8	17.4	BDL
7	CA2	Weigh Bridge near main gate	26.04.2024	75	34.1	12.5	19.3	BDL
8	CA2	Weigh Bridge near main gate	27.04.2024	80	35.2	10.2	15.4	BDL
9	CA2	Weigh Bridge near main gate	30.04.2024	77	33.8	12.4	19.2	BDL
10	CA2	Weigh Bridge near main gate	06.05.2024	68	32.3	11.7	17.6	BDL
11	CA2	Weigh Bridge near main gate	07.05.2024	38	20.8	5.7	8.3	BDL
12	CA2	Weigh Bridge near main gate	13.05.2024	34	21.1	6.2	9.1	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
13	CA2	Weigh Bridge near main gate	14.05.2024	58	30.6	8.8	12.8	BDL
14	CA2	Weigh Bridge near main gate	20.05.2024	71	33.1	11.9	18.4	BDL
15	CA2	Weigh Bridge near main gate	21.05.2024	77	34.2	13.4	19.3	BDL
16	CA2	Weigh Bridge near main gate	27.05.2024	72	32.4	11.1	11.7	BDL
17	CA2	Weigh Bridge near main gate	28.05.2024	79	34.5	13.1	18.4	BDL
18	CA2	Weigh Bridge near main gate	31.05.2024	83	35.7	12.9	20.1	BDL
19	CA2	Weigh Bridge near main gate	05.06.2024	60	30.3	10.6	16.1	BDL
20	CA2	Weigh Bridge near main gate	06.06.2024	54	27.8	9.4	14.4	BDL
21	CA2	Weigh Bridge near main gate	12.06.2024	62	28.4	11.3	16.3	BDL
22	CA2	Weigh Bridge near main gate	13.06.2024	66	32.5	12.5	17.1	BDL
23	CA2	Weigh Bridge near main gate	19.06.2024	72	33.1	13.6	18.4	BDL
24	CA2	Weigh Bridge near main gate	20.06.2024	67	32.7	12.2	17.7	BDL
25	CA2	Weigh Bridge near main gate	26.06.2024	65	32.4	11.1	16.8	BDL
26	CA2	Weigh Bridge near main gate	27.06.2024	26	19.8	6.6	10.2	BDL
27	CA2	Weigh Bridge near main gate	30.06.2024	52	26.5	8.9	13.6	BDL
28	CA2	Weigh Bridge near main gate	06.07.2024	47	22.4	12.3	18.4	BDL
29	CA2	Weigh Bridge near main gate	07.07.2024	53	28.7	11.2	16.3	BDL
30	CA2	Weigh Bridge near main gate	13.07.2024	51	24.9	10.4	15.1	BDL
31	CA2	Weigh Bridge near main gate	14.07.2024	56	29.2	9	13.2	BDL
32	CA2	Weigh Bridge near main gate	20.07.2024	58	31.3	8.7	14.7	BDL
33	CA2	Weigh Bridge near main gate	21.07.2024	60	34.2	12.5	16.1	BDL
34	CA2	Weigh Bridge near main gate	27.07.2024	61	32.1	11.4	15.4	BDL
35	CA2	Weigh Bridge near main gate	28.07.2024	57	27.7	9.6	12.1	BDL
36	CA2	Weigh Bridge near main gate	31.07.2024	63	30.3	10.3	14.3	BDL
37	CA2	Weigh Bridge near main gate	05.08.2024	45	25	13	16.5	BDL
38	CA2	Weigh Bridge near main gate	06.08.2024	58	26.7	12	15.4	BDL
39	CA2	Weigh Bridge near main gate	12.08.2024	55	22.4	11.3	16.1	BDL
40	CA2	Weigh Bridge near main gate	13.08.2024	60	31.1	8.4	12.1	BDL
41	CA2	Weigh Bridge near main gate	19.08.2024	54	24.4	8.2	13.1	BDL
42	CA2	Weigh Bridge near main gate	20.08.2024	59	33.2	10.4	15	BDL
43	CA2	Weigh Bridge near main gate	26.08.2024	63	30.1	12.3	14.4	BDL
44	CA2	Weigh Bridge near main gate	27.08.2024	58	27.7	10.4	12.1	BDL
45	CA2	Weigh Bridge near main gate	30.08.2024	61	29.3	12.2	15.3	BDL
46	CA2	Weigh Bridge near main gate	05.09.2024	57	26.1	10.2	13.3	BDL
47	CA2	Weigh Bridge near main gate	06.09.2024	60	29.2	11.4	15.9	BDL
48	CA2	Weigh Bridge near main gate	11.09.2024	56	26.4	10.8	14.3	BDL
49	CA2	Weigh Bridge near main gate	12.09.2024	58	27	9.6	14.9	BDL
50	CA2	Weigh Bridge near main gate	18.09.2024	61	31.1	11.4	15.2	BDL
51	CA2	Weigh Bridge near main gate	19.09.2024	59	29.2	10.4	14.5	BDL
52	CA2	Weigh Bridge near main gate	25.09.2024	54	26.1	12.1	13.9	BDL
53	CA2	Weigh Bridge near main gate	26.09.2024	57	27.3	9.7	13.4	BDL
54	CA2	Weigh Bridge near main gate	30.09.2024	62	32.7	13.6	14.2	BDL
55	CA2	Weigh Bridge near main gate	05.10.2024	67	31.4	11.2	12.3	BDL
56	CA2	Weigh Bridge near main gate	06.10.2024	61	29.7	12.1	14.2	BDL
57	CA2	Weigh Bridge near main gate	11.10.2024	56	25.2	9.6	13.2	BDL
58	CA2	Weigh Bridge near main gate	12.10.2024	59	26.1	10.5	14.4	BDL
59	CA2	Weigh Bridge near main gate	18.10.2024	66	30.6	12	16.1	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
60	CA2	Weigh Bridge near main gate	19.10.2024	62	29.2	11.4	13.6	BDL
61	CA2	Weigh Bridge near main gate	25.10.2024	68	31.3	14.3	15.6	BDL
62	CA2	Weigh Bridge near main gate	26.10.2024	59	28.2	10.7	13.7	BDL
63	CA2	Weigh Bridge near main gate	30.10.2024	60	32.2	13.7	15.2	BDL
64	CA2	Weigh Bridge near main gate	06.11.2024	59	28.2	11.3	13.2	BDL
65	CA2	Weigh Bridge near main gate	07.11.2024	64	30.5	12.5	15.1	BDL
66	CA2	Weigh Bridge near main gate	13.11.2024	55	24.4	11.2	12.6	BDL
67	CA2	Weigh Bridge near main gate	14.11.2024	60	27.1	12.1	14.4	BDL
68	CA2	Weigh Bridge near main gate	20.11.2024	63	32.6	13.2	16.8	BDL
69	CA2	Weigh Bridge near main gate	21.11.2024	61	30.8	11.4	12.2	BDL
70	CA2	Weigh Bridge near main gate	26.11.2024	58	27.5	10.2	13.6	BDL
71	CA2	Weigh Bridge near main gate	27.11.2024	56	28.6	11.7	14.2	BDL
72	CA2	Weigh Bridge near main gate	30.11.2024	62	29.4	12.3	13.8	BDL
73	CA2	Weigh Bridge near main gate	06.12.2024	57	26.7	9.6	11.4	BDL
74	CA2	Weigh Bridge near main gate	07.12.2024	61	29.1	10.8	13.5	BDL
75	CA2	Weigh Bridge near main gate	13.12.2024	63	31.6	11.3	15.1	BDL
76	CA2	Weigh Bridge near main gate	14.12.2024	60	28.2	10.1	12.7	BDL
77	CA2	Weigh Bridge near main gate	20.12.2024	56	25.4	9.8	11.6	BDL
78	CA2	Weigh Bridge near main gate	21.12.2024	64	32	12.3	15.4	BDL
79	CA2	Weigh Bridge near main gate	27.12.2024	60	29.3	11.6	14.2	BDL
80	CA2	Weigh Bridge near main gate	28.12.2024	58	26.5	10.1	12.5	BDL
81	CA2	Weigh Bridge near main gate	31.12.2024	62	30.2	12.5	13.4	BDL
82	CA2	Weigh Bridge near main gate	06.01.2025	61	29.8	11.5	13.8	BDL
83	CA2	Weigh Bridge near main gate	07.01.2025	59	27.2	10.3	12.2	BDL
84	CA2	Weigh Bridge near main gate	13.01.2025	60	30.1	10.8	11.6	BDL
85	CA2	Weigh Bridge near main gate	14.01.2025	63	31.4	12.1	14.3	BDL
86	CA2	Weigh Bridge near main gate	20.01.2025	58	26.2	10.2	11.7	BDL
87	CA2	Weigh Bridge near main gate	21.01.2025	60	29.5	11.4	13.1	BDL
88	CA2	Weigh Bridge near main gate	27.01.2025	64	32.3	12.4	16.3	BDL
89	CA2	Weigh Bridge near main gate	28.01.2025	57	27.1	10	11.4	BDL
90	CA2	Weigh Bridge near main gate	31.01.2025	62	28.6	11.3	12.6	BDL
91	CA2	Weigh Bridge near main gate	05.02.2025	64	30	10.8	12.1	BDL
92	CA2	Weigh Bridge near main gate	06.02.2025	60	28.6	11.2	12.4	BDL
93	CA2	Weigh Bridge near main gate	12.02.2025	63	27.8	10.3	11.8	BDL
94	CA2	Weigh Bridge near main gate	13.02.2025	61	29.4	12.7	13.5	BDL
95	CA2	Weigh Bridge near main gate	19.02.2025	59	28.1	10.6	11.2	BDL
96	CA2	Weigh Bridge near main gate	20.02.2025	60	31.2	12.2	14.3	BDL
97	CA2	Weigh Bridge near main gate	26.02.2025	61	32.3	12.6	15.4	BDL
98	CA2	Weigh Bridge near main gate	27.02.2025	66	31	12.1	14.1	BDL
99	CA2	Weigh Bridge near main gate	05.03.2025	60	29.7	10.6	11.5	BDL
100	CA2	Weigh Bridge near main gate	06.03.2025	58	28.3	10.5	11.3	BDL
101	CA2	Weigh Bridge near main gate	12.03.2025	64	31	12.2	13.8	BDL
102	CA2	Weigh Bridge near main gate	13.03.2025	61	28.7	11.4	12.4	BDL
103	CA2	Weigh Bridge near main gate	19.03.2025	65	32.1	12.8	15.2	BDL
104	CA2	Weigh Bridge near main gate	20.03.2025	62	31.4	12.4	13.6	BDL
105	CA2	Weigh Bridge near main gate	26.03.2025	60	29.6	11.7	12.4	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
106	CA2	Weigh Bridge near main gate	27.03.2025	63	30.4	12.6	14	BDL
107	CA2	Weigh Bridge near main gate	31.03.2025	67	32	12.4	14.6	BDL
<b>Min</b>				<b>26</b>	<b>19.8</b>	<b>5.7</b>	<b>8.3</b>	<b>BDL</b>
<b>Max</b>				<b>83</b>	<b>35.7</b>	<b>14.3</b>	<b>20.1</b>	<b>BDL</b>
<b>Avg</b>				<b>61.3</b>	<b>29.6</b>	<b>11.2</b>	<b>14.4</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>78.9</b>	<b>34.7</b>	<b>13.6</b>	<b>19.3</b>	<b>BDL</b>

**Ambient Air Quality at LABOUR CAMP (CA3)**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
1	CA3	Labour Camp	03.04.2024	68	28.5	10.3	16.6	BDL
2	CA3	Labour Camp	04.04.2024	69	27.9	9.9	15.8	BDL
3	CA3	Labour Camp	10.04.2024	71	29.2	9.8	15.4	BDL
4	CA3	Labour Camp	11.04.2024	74	30.5	10.5	16.9	BDL
5	CA3	Labour Camp	17.04.2024	69	28.8	11.2	17.5	BDL
6	CA3	Labour Camp	18.04.2024	73	30.1	10.6	17.2	BDL
7	CA3	Labour Camp	24.04.2024	75	31.2	12.3	20.1	BDL
8	CA3	Labour Camp	25.04.2024	81	32.3	10.3	16.8	BDL
9	CA3	Labour Camp	29.04.2024	79	30.3	11.6	17.7	BDL
10	CA3	Labour Camp	03.05.2024	71	29.3	10.6	17.2	BDL
11	CA3	Labour Camp	04.05.2024	76	30.8	11.1	18.2	BDL
12	CA3	Labour Camp	10.05.2024	68	26.8	9.7	15.4	BDL
13	CA3	Labour Camp	11.05.2024	65	25.4	8.9	14.6	BDL
14	CA3	Labour Camp	17.05.2024	26	16.8	4.7	7.8	BDL
15	CA3	Labour Camp	18.05.2024	48	21.1	6.9	11.4	BDL
16	CA3	Labour Camp	24.05.2024	53	22.2	7.3	11.1	BDL
17	CA3	Labour Camp	25.05.2024	72	29.7	10.1	15.7	BDL
18	CA3	Labour Camp	30.05.2024	79	32.5	10.7	16.9	BDL
19	CA3	Labour Camp	03.06.2024	69	32.2	11.4	17.7	BDL
20	CA3	Labour Camp	04.06.2024	63	30.5	10.2	16.3	BDL
21	CA3	Labour Camp	10.06.2024	64	31.1	9.8	16.1	BDL
22	CA3	Labour Camp	11.06.2024	65	30.3	10.8	16.7	BDL
23	CA3	Labour Camp	17.06.2024	67	31.3	10.5	17	BDL
24	CA3	Labour Camp	18.06.2024	63	29.8	9.4	15.8	BDL
25	CA3	Labour Camp	24.06.2024	60	29.2	9.2	15.4	BDL
26	CA3	Labour Camp	25.06.2024	62	30.9	10.1	16.1	BDL
27	CA3	Labour Camp	29.06.2024	44	24.8	8.2	13.9	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
28	CA3	Labour Camp	04.07.2024	51	29.6	8.3	12.2	BDL
29	CA3	Labour Camp	05.07.2024	56	32.5	9.7	13	BDL
30	CA3	Labour Camp	11.07.2024	59	34.2	10.3	15.2	BDL
31	CA3	Labour Camp	12.07.2024	63	37	9	12.4	BDL
32	CA3	Labour Camp	18.07.2024	58	30.7	11.3	16.7	BDL
33	CA3	Labour Camp	19.07.2024	54	32.8	8.9	14.4	BDL
34	CA3	Labour Camp	25.07.2024	57	27.7	11.6	15.5	BDL
35	CA3	Labour Camp	26.07.2024	54	25.4	10.4	13.7	BDL
36	CA3	Labour Camp	30.07.2024	58	31.7	9.2	12.7	BDL
37	CA3	Labour Camp	03.08.2024	58	30	9.1	12.5	BDL
38	CA3	Labour Camp	04.08.2024	60	33.5	10	14.1	BDL
39	CA3	Labour Camp	09.08.2024	55	34.6	11.2	15.6	BDL
40	CA3	Labour Camp	10.08.2024	61	36.2	9	11.6	BDL
41	CA3	Labour Camp	16.08.2024	55	28.7	12.2	12.7	BDL
42	CA3	Labour Camp	17.08.2024	59	31.8	10.8	13.4	BDL
43	CA3	Labour Camp	23.08.2024	57	26.4	11.4	15.3	BDL
44	CA3	Labour Camp	24.08.2024	60	27.1	12.1	12.4	BDL
45	CA3	Labour Camp	29.08.2024	59	30.1	9.4	14.4	BDL
46	CA3	Labour Camp	03.09.2024	56	26.2	9.5	13.4	BDL
47	CA3	Labour Camp	04.09.2024	54	27.1	11.2	12.8	BDL
48	CA3	Labour Camp	09.09.2024	55	28.4	10.5	11	BDL
49	CA3	Labour Camp	10.09.2024	60	30.2	11.3	13.5	BDL
50	CA3	Labour Camp	16.09.2024	58	28.2	10.8	13.8	BDL
51	CA3	Labour Camp	17.09.2024	61	31.8	10.5	12.6	BDL
52	CA3	Labour Camp	23.09.2024	57	29.3	10.2	13.5	BDL
53	CA3	Labour Camp	24.09.2024	60	29.8	11.4	14.1	BDL
54	CA3	Labour Camp	28.09.2024	59	30.7	10.4	13.2	BDL
55	CA3	Labour Camp	03.10.2024	61	27.1	10.1	11.2	BDL
56	CA3	Labour Camp	04.10.2024	55	26.2	11.4	13.4	BDL
57	CA3	Labour Camp	09.10.2024	57	29	9.8	14.3	BDL
58	CA3	Labour Camp	10.10.2024	58	30.2	12.6	15.2	BDL
59	CA3	Labour Camp	16.10.2024	63	32.4	13.6	10.2	BDL
60	CA3	Labour Camp	17.10.2024	61	31.8	12.2	14	BDL
61	CA3	Labour Camp	23.10.2024	60	29.3	13.2	13.5	BDL
62	CA3	Labour Camp	24.10.2024	62	31	12.1	14.4	BDL
63	CA3	Labour Camp	29.10.2024	59	27.3	12.2	13.8	BDL
64	CA3	Labour Camp	04.11.2024	60	29.1	12.4	14.2	BDL
65	CA3	Labour Camp	05.11.2024	62	31.3	10.1	13.4	BDL
66	CA3	Labour Camp	11.11.2024	56	27.5	9.6	11.3	BDL
67	CA3	Labour Camp	12.11.2024	54	26.1	11.2	13.2	BDL
68	CA3	Labour Camp	18.11.2024	63	31	13.5	15.4	BDL
69	CA3	Labour Camp	19.11.2024	60	30.2	12.4	14.3	BDL
70	CA3	Labour Camp	24.11.2024	59	26.2	10.6	13.8	BDL
71	CA3	Labour Camp	25.11.2024	61	32	12.2	15.4	BDL
72	CA3	Labour Camp	29.11.2024	57	25.6	11.4	13.7	BDL
73	CA3	Labour Camp	04.12.2024	59	31.4	10.1	12.4	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
74	CA3	Labour Camp	05.12.2024	56	27.2	10.3	11.2	BDL
75	CA3	Labour Camp	11.12.2024	62	29.5	11	13.3	BDL
76	CA3	Labour Camp	12.12.2024	55	24.1	9.8	11.5	BDL
77	CA3	Labour Camp	18.12.2024	59	28	11.2	12.4	BDL
78	CA3	Labour Camp	19.12.2024	61	30.3	12.1	13.6	BDL
79	CA3	Labour Camp	25.12.2024	63	32.1	12.4	15.1	BDL
80	CA3	Labour Camp	26.12.2024	60	29.2	11.6	12.7	BDL
81	CA3	Labour Camp	30.12.2024	55	26.7	10.8	11.5	BDL
82	CA3	Labour Camp	03.01.2025	65	30.2	11.3	13.2	BDL
83	CA3	Labour Camp	04.01.2025	61	29.6	10.1	12.8	BDL
84	CA3	Labour Camp	10.01.2025	59	28.2	12.4	15.6	BDL
85	CA3	Labour Camp	11.01.2025	63	31.3	11.7	14.1	BDL
86	CA3	Labour Camp	18.01.2025	60	29.4	10.8	11.7	BDL
87	CA3	Labour Camp	19.01.2025	58	27.3	10.4	12.6	BDL
88	CA3	Labour Camp	24.01.2025	62	29.8	12.1	14.3	BDL
89	CA3	Labour Camp	25.01.2025	64	32.1	12.7	15.1	BDL
90	CA3	Labour Camp	30.01.2025	60	29	10.6	12.3	BDL
91	CA3	Labour Camp	03.02.2025	59	27.8	10.4	11.6	BDL
92	CA3	Labour Camp	04.02.2025	60	30.3	11.2	12.3	BDL
93	CA3	Labour Camp	10.02.2025	63	31.4	12.5	13.8	BDL
94	CA3	Labour Camp	11.02.2025	58	28.6	10.3	12.2	BDL
95	CA3	Labour Camp	17.02.2025	61	29.4	11.6	12.5	BDL
96	CA3	Labour Camp	18.02.2025	60	30.1	12.3	14.8	BDL
97	CA3	Labour Camp	24.02.2025	64	32.4	12.7	15.3	BDL
98	CA3	Labour Camp	25.02.2025	62	29.7	12	14.5	BDL
99	CA3	Labour Camp	03.03.2025	62	28.6	11.4	12.2	BDL
100	CA3	Labour Camp	04.03.2025	59	27.4	10.6	11.8	BDL
101	CA3	Labour Camp	10.03.2025	60	29.2	11.2	13.1	BDL
102	CA3	Labour Camp	11.03.2025	58	26.7	10.3	11.2	BDL
103	CA3	Labour Camp	17.03.2025	63	31.3	12.2	13.8	BDL
104	CA3	Labour Camp	18.03.2025	60	30	11.4	13.1	BDL
105	CA3	Labour Camp	24.03.2025	62	31.2	12.6	14.4	BDL
106	CA3	Labour Camp	25.03.2025	59	27.6	11.3	13.5	BDL
107	CA3	Labour Camp	29.03.2025	64	31.7	12.7	15.2	BDL
<b>Min</b>				<b>26</b>	<b>16.8</b>	<b>4.7</b>	<b>7.8</b>	<b>BDL</b>
<b>Max</b>				<b>81</b>	<b>37</b>	<b>13.6</b>	<b>20.1</b>	<b>BDL</b>
<b>Avg</b>				<b>60.9</b>	<b>29.4</b>	<b>10.8</b>	<b>14.0</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>78.6</b>	<b>34.6</b>	<b>13.1</b>	<b>17.7</b>	<b>BDL</b>

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025****Ambient Air Quality at Near Stacker Reclaimer (CA4)**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	CA4	Near Stacker Reclaimer	05.04.2024	76	34.9	11.8	17.8	BDL
2	CA4	Near Stacker Reclaimer	06.04.2024	78	35.7	12.5	18.5	BDL
3	CA4	Near Stacker Reclaimer	12.04.2024	75	35.2	11.7	17.4	BDL
4	CA4	Near Stacker Reclaimer	13.04.2024	81	36.3	11.2	16.9	BDL
5	CA4	Near Stacker Reclaimer	19.04.2024	76	34.1	12.9	19.4	BDL
6	CA4	Near Stacker Reclaimer	20.04.2024	85	38.3	13.4	21.3	BDL
7	CA4	Near Stacker Reclaimer	26.04.2024	79	36.1	12.7	18.9	BDL
8	CA4	Near Stacker Reclaimer	27.04.2024	82	37.7	11.8	18.1	BDL
9	CA4	Near Stacker Reclaimer	30.04.2024	78	35.9	12.1	19	BDL
10	CA4	Near Stacker Reclaimer	06.05.2024	73	33.7	10.7	16.2	BDL
11	CA4	Near Stacker Reclaimer	07.05.2024	38	22.3	6.2	9.1	BDL
12	CA4	Near Stacker Reclaimer	13.05.2024	33	21.7	6.7	10.1	BDL
13	CA4	Near Stacker Reclaimer	14.05.2024	67	31.2	9.8	15.1	BDL
14	CA4	Near Stacker Reclaimer	20.05.2024	84	35.3	13.1	20.3	BDL
15	CA4	Near Stacker Reclaimer	21.05.2024	82	36.8	12.5	19.8	BDL
16	CA4	Near Stacker Reclaimer	27.05.2024	78	34.7	11.2	17.6	BDL
17	CA4	Near Stacker Reclaimer	28.05.2024	88	36.9	13.8	20.1	BDL
18	CA4	Near Stacker Reclaimer	31.05.2024	83	35.2	12.4	19.5	BDL
19	CA4	Near Stacker Reclaimer	05.06.2024	67	31.6	11.4	18.1	BDL
20	CA4	Near Stacker Reclaimer	06.06.2024	60	28.3	10.3	16.3	BDL
21	CA4	Near Stacker Reclaimer	12.06.2024	71	32.2	11.8	18.4	BDL
22	CA4	Near Stacker Reclaimer	13.06.2024	77	33.6	13.6	18.7	BDL
23	CA4	Near Stacker Reclaimer	19.06.2024	75	32.4	13.1	17.9	BDL
24	CA4	Near Stacker Reclaimer	20.06.2024	68	31.7	12.4	17.1	BDL
25	CA4	Near Stacker Reclaimer	26.06.2024	66	32.6	11.6	16.9	BDL
26	CA4	Near Stacker Reclaimer	27.06.2024	29	20.3	7.1	10.4	BDL
27	CA4	Near Stacker Reclaimer	30.06.2024	56	27.2	9.3	12.5	BDL
28	CA4	Near Stacker Reclaimer	06.07.2024	71	31.4	11	16.4	BDL
29	CA4	Near Stacker Reclaimer	07.07.2024	69	35.7	10.3	15	BDL
30	CA4	Near Stacker Reclaimer	13.07.2024	68	38.4	12.1	18.2	BDL
31	CA4	Near Stacker Reclaimer	14.07.2024	63	32.5	13.6	19.8	BDL
32	CA4	Near Stacker Reclaimer	20.07.2024	65	30.2	10.9	15.1	BDL
33	CA4	Near Stacker Reclaimer	21.07.2024	68	34.5	11.8	16.1	BDL
34	CA4	Near Stacker Reclaimer	27.07.2024	70	32.2	9.5	13.2	BDL
35	CA4	Near Stacker Reclaimer	28.07.2024	67	30.2	8.8	12.3	BDL
36	CA4	Near Stacker Reclaimer	31.07.2024	66	31	12.3	17.2	BDL
37	CA4	Near Stacker Reclaimer	05.08.2024	61	28.8	10.2	15.5	BDL
38	CA4	Near Stacker Reclaimer	06.08.2024	70	34.3	12.3	16.3	BDL
39	CA4	Near Stacker Reclaimer	12.08.2024	60	32.2	11.6	15.1	BDL
40	CA4	Near Stacker Reclaimer	13.08.2024	66	34.2	14.2	19.3	BDL
41	CA4	Near Stacker Reclaimer	19.08.2024	58	28.1	12.2	11.3	BDL
42	CA4	Near Stacker Reclaimer	20.08.2024	67	32.4	10.7	14.7	BDL
43	CA4	Near Stacker Reclaimer	26.08.2024	70	31.2	11.2	12.5	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	-
44	CA4	Near Stacker Reclaimer	27.08.2024	66	33.1	10.1	13.2	BDL
45	CA4	Near Stacker Reclaimer	30.08.2024	63	29	12.1	16.7	BDL
46	CA4	Near Stacker Reclaimer	05.09.2024	60	29.2	10.6	15.4	BDL
47	CA4	Near Stacker Reclaimer	06.09.2024	61	32.3	11.1	13.7	BDL
48	CA4	Near Stacker Reclaimer	11.09.2024	59	28.3	10.4	11.1	BDL
49	CA4	Near Stacker Reclaimer	12.09.2024	58	29.1	12.1	13.6	BDL
50	CA4	Near Stacker Reclaimer	18.09.2024	62	30.1	13.1	14.7	BDL
51	CA4	Near Stacker Reclaimer	19.09.2024	59	27.4	12.5	15.2	BDL
52	CA4	Near Stacker Reclaimer	25.09.2024	54	25.2	9.4	13.1	BDL
53	CA4	Near Stacker Reclaimer	26.09.2024	59	28.4	11.2	12.9	BDL
54	CA4	Near Stacker Reclaimer	30.09.2024	63	30.1	12.2	14.3	BDL
55	CA4	Near Stacker Reclaimer	05.10.2024	68	38	15.3	11.2	BDL
56	CA4	Near Stacker Reclaimer	06.10.2024	64	31.6	12	10.6	BDL
57	CA4	Near Stacker Reclaimer	11.10.2024	60	29.2	13.2	14	BDL
58	CA4	Near Stacker Reclaimer	12.10.2024	57	28.2	11.4	12.1	BDL
59	CA4	Near Stacker Reclaimer	18.10.2024	60	30.4	12.6	13.2	BDL
60	CA4	Near Stacker Reclaimer	19.10.2024	61	30.2	13.2	14.5	BDL
61	CA4	Near Stacker Reclaimer	25.10.2024	58	27.4	10.2	13.2	BDL
62	CA4	Near Stacker Reclaimer	26.10.2024	55	28.2	11.4	12.4	BDL
63	CA4	Near Stacker Reclaimer	30.10.2024	62	30	9.6	14.4	BDL
64	CA4	Near Stacker Reclaimer	06.11.2024	64	32.1	12.6	15.2	BDL
65	CA4	Near Stacker Reclaimer	07.11.2024	59	29.4	11.2	12.4	BDL
66	CA4	Near Stacker Reclaimer	13.11.2024	63	30.2	13	14.6	BDL
67	CA4	Near Stacker Reclaimer	14.11.2024	58	28.6	10.4	12.8	BDL
68	CA4	Near Stacker Reclaimer	20.11.2024	60	27	11.6	13.4	BDL
69	CA4	Near Stacker Reclaimer	21.11.2024	57	26.1	9.7	11.5	BDL
70	CA4	Near Stacker Reclaimer	26.11.2024	55	24.4	10.6	13.2	BDL
71	CA4	Near Stacker Reclaimer	27.11.2024	62	31.2	12.1	16.6	BDL
72	CA4	Near Stacker Reclaimer	30.11.2024	61	29	11.4	15.2	BDL
73	CA4	Near Stacker Reclaimer	06.12.2024	53	25.4	9.8	10.3	BDL
74	CA4	Near Stacker Reclaimer	07.12.2024	60	29.1	11.2	12.1	BDL
75	CA4	Near Stacker Reclaimer	13.12.2024	59	27.6	10.4	13.2	BDL
76	CA4	Near Stacker Reclaimer	14.12.2024	62	31.3	12.1	14	BDL
77	CA4	Near Stacker Reclaimer	20.12.2024	58	26.1	10.8	12.6	BDL
78	CA4	Near Stacker Reclaimer	21.12.2024	56	24.3	9.6	10.8	BDL
79	CA4	Near Stacker Reclaimer	27.12.2024	63	31.4	11.7	15.3	BDL
80	CA4	Near Stacker Reclaimer	28.12.2024	61	30.3	12.3	14.5	BDL
81	CA4	Near Stacker Reclaimer	31.12.2024	64	32	11.7	13.4	BDL
82	CA4	Near Stacker Reclaimer	06.01.2025	59	27.8	10.1	11.4	BDL
83	CA4	Near Stacker Reclaimer	07.01.2025	63	30.4	12	14.6	BDL
84	CA4	Near Stacker Reclaimer	13.01.2025	61	28.6	11.7	12.1	BDL
85	CA4	Near Stacker Reclaimer	14.01.2025	59	26.2	10.3	11.7	BDL
86	CA4	Near Stacker Reclaimer	20.01.2025	62	31.1	10.5	13.4	BDL
87	CA4	Near Stacker Reclaimer	21.01.2025	58	25.3	9.8	11.3	BDL
88	CA4	Near Stacker Reclaimer	27.01.2025	60	30	11.6	12.8	BDL
89	CA4	Near Stacker Reclaimer	28.01.2025	65	32.3	12.2	15.7	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Core  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
90	CA4	Near Stacker Reclaimer	31.01.2025	57	29.6	11.2	12.3	BDL
91	CA4	Near Stacker Reclaimer	05.02.2025	65	31.2	12.8	15.4	BDL
92	CA4	Near Stacker Reclaimer	06.02.2025	62	29.8	12.1	13.5	BDL
93	CA4	Near Stacker Reclaimer	12.02.2025	60	30.1	10.6	11.8	BDL
94	CA4	Near Stacker Reclaimer	13.02.2025	66	32.4	11.4	12.2	BDL
95	CA4	Near Stacker Reclaimer	19.02.2025	61	30.3	10.2	11.6	BDL
96	CA4	Near Stacker Reclaimer	20.02.2025	63	31	11.7	12.4	BDL
97	CA4	Near Stacker Reclaimer	26.02.2025	60	29.6	10.8	12.1	BDL
98	CA4	Near Stacker Reclaimer	27.02.2025	64	32	12.3	14.3	BDL
99	CA4	Near Stacker Reclaimer	05.03.2025	66	32.4	12.8	15.4	BDL
100	CA4	Near Stacker Reclaimer	06.03.2025	61	28.6	11.6	12.2	BDL
101	CA4	Near Stacker Reclaimer	12.03.2025	64	30	12.4	14.7	BDL
102	CA4	Near Stacker Reclaimer	13.03.2025	62	29.7	11.6	13	BDL
103	CA4	Near Stacker Reclaimer	19.03.2025	60	31	12	12.8	BDL
104	CA4	Near Stacker Reclaimer	20.03.2025	65	32.1	12.2	13.4	BDL
105	CA4	Near Stacker Reclaimer	26.03.2025	62	30	12.4	14.1	BDL
106	CA4	Near Stacker Reclaimer	27.03.2025	64	32.4	12.6	15.3	BDL
107	CA4	Near Stacker Reclaimer	31.03.2025	60	29.3	11.8	12.6	BDL
<b>Min</b>				<b>29</b>	<b>20.3</b>	<b>6.2</b>	<b>9.1</b>	<b>BDL</b>
<b>Max</b>				<b>88</b>	<b>38.4</b>	<b>15.3</b>	<b>21.3</b>	<b>BDL</b>
<b>Avg</b>				<b>64.1</b>	<b>30.8</b>	<b>11.5</b>	<b>14.6</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>83.9</b>	<b>38.0</b>	<b>13.8</b>	<b>20.1</b>	<b>BDL</b>

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025****Ambient Air Quality at Rasulpalli (BA1)**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	BA1	Rasulpalli	05.04.2024	63	27.3	9.1	14.3	BDL
2	BA1	Rasulpalli	06.04.2024	68	28.2	9.4	14.8	BDL
3	BA1	Rasulpalli	12.04.2024	64	27.6	10.2	15.4	BDL
4	BA1	Rasulpalli	13.04.2024	67	27.9	10.7	15.7	BDL
5	BA1	Rasulpalli	19.04.2024	63	26.8	11.5	16.5	BDL
6	BA1	Rasulpalli	20.04.2024	68	28.7	10.3	15.3	BDL
7	BA1	Rasulpalli	26.04.2024	71	29.4	9.6	15.1	BDL
8	BA1	Rasulpalli	27.04.2024	69	28.8	11.3	16.2	BDL
9	BA1	Rasulpalli	30.04.2024	67	27.6	10.8	15.9	BDL
10	BA1	Rasulpalli	06.05.2024	64	26.4	9.3	13.7	BDL
11	BA1	Rasulpalli	07.05.2024	31	18.2	4.1	7.5	BDL
12	BA1	Rasulpalli	13.05.2024	29	19.6	6.2	9.4	BDL
13	BA1	Rasulpalli	14.05.2024	57	25.8	8.8	12.6	BDL
14	BA1	Rasulpalli	20.05.2024	65	26.5	12.1	16.9	BDL
15	BA1	Rasulpalli	21.05.2024	70	29.2	12.4	16.3	BDL
16	BA1	Rasulpalli	27.05.2024	69	27.7	10.2	15.4	BDL
17	BA1	Rasulpalli	28.05.2024	67	26.8	9.8	14.3	BDL
18	BA1	Rasulpalli	31.05.2024	71	26.9	10.5	15.1	BDL
19	BA1	Rasulpalli	05.06.2024	62	25.8	10.1	13.2	BDL
20	BA1	Rasulpalli	06.06.2024	57	24.7	9.8	12.6	BDL
21	BA1	Rasulpalli	12.06.2024	64	27.2	11.3	15.9	BDL
22	BA1	Rasulpalli	13.06.2024	60	26.8	12.1	15.6	BDL
23	BA1	Rasulpalli	19.06.2024	62	25.5	11.1	13.9	BDL
24	BA1	Rasulpalli	20.06.2024	61	26.2	12.5	16.1	BDL
25	BA1	Rasulpalli	26.06.2024	59	27.7	10.2	15.4	BDL
26	BA1	Rasulpalli	28.06.2024	54	23.1	10.1	14.3	BDL
27	BA1	Rasulpalli	30.06.2024	49	22.9	8.8	12.1	BDL
28	BA1	Rasulpalli	06.07.2024	54	28.9	9.5	11.5	BDL
29	BA1	Rasulpalli	07.07.2024	57	27.2	8.7	14.1	BDL
30	BA1	Rasulpalli	13.07.2024	41	20.9	7.8	12.2	BDL
31	BA1	Rasulpalli	14.07.2024	46	22.4	8.4	14.4	BDL
32	BA1	Rasulpalli	20.07.2024	53	25.6	10.6	15.2	BDL
33	BA1	Rasulpalli	21.07.2024	49	28.6	11.3	16.6	BDL
34	BA1	Rasulpalli	27.07.2024	61	30.3	9.9	12.4	BDL
35	BA1	Rasulpalli	28.07.2024	63	31.4	8.2	12.3	BDL
36	BA1	Rasulpalli	31.07.2024	65	32.7	10.8	15.5	BDL
37	BA1	Rasulpalli	05.08.2024	56	29.2	11.2	13.1	BDL
38	BA1	Rasulpalli	06.08.2024	59	26.4	9.7	12.1	BDL
39	BA1	Rasulpalli	12.08.2024	45	23.1	8.5	13.2	BDL
40	BA1	Rasulpalli	13.08.2024	49	22.2	9.1	11.4	BDL
41	BA1	Rasulpalli	19.08.2024	51	24.4	10.4	13.5	BDL
42	BA1	Rasulpalli	20.08.2024	47	29.3	12.4	14.5	BDL
43	BA1	Rasulpalli	26.08.2024	58	30.4	11.3	13.1	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
44	BA1	Rasulpalli	27.08.2024	60	32.2	8.2	12.3	BDL
45	BA1	Rasulpalli	30.08.2024	63	31.2	11.1	14.31	BDL
46	BA1	Rasulpalli	05.09.2024	60	30.1	10.3	11.4	BDL
47	BA1	Rasulpalli	06.09.2024	58	28.4	11.2	13.5	BDL
48	BA1	Rasulpalli	11.09.2024	56	27.1	9.6	12.2	BDL
49	BA1	Rasulpalli	12.09.2024	57	28.1	10.2	12.6	BDL
50	BA1	Rasulpalli	18.09.2024	59	29.4	12.1	13.2	BDL
51	BA1	Rasulpalli	19.09.2024	48	29.3	10.8	14.1	BDL
52	BA1	Rasulpalli	25.09.2024	47	27.2	9.7	13.4	BDL
53	BA1	Rasulpalli	26.09.2024	55	28.6	10.8	12.2	BDL
54	BA1	Rasulpalli	30.09.2024	58	27.2	10.4	13.6	BDL
55	BA1	Rasulpalli	05.10.2024	56	28.3	9.8	12.2	BDL
56	BA1	Rasulpalli	06.10.2024	60	30	10.4	13.2	BDL
57	BA1	Rasulpalli	11.10.2024	54	28.2	11.2	14.3	BDL
58	BA1	Rasulpalli	12.10.2024	58	30.2	12.4	12.6	BDL
59	BA1	Rasulpalli	18.10.2024	59	29.4	12.1	15.4	BDL
60	BA1	Rasulpalli	19.10.2024	56	24.3	13.3	15.2	BDL
61	BA1	Rasulpalli	25.10.2024	55	26.4	10.6	12.1	BDL
62	BA1	Rasulpalli	26.10.2024	57	25.6	12.2	14.6	BDL
63	BA1	Rasulpalli	30.10.2024	53	23.2	11.4	12.3	BDL
64	BA1	Rasulpalli	06.11.2024	58	27.4	10.2	13.6	BDL
65	BA1	Rasulpalli	07.11.2024	55	29.3	9.7	11.1	BDL
66	BA1	Rasulpalli	13.11.2024	60	30.2	11.4	14.2	BDL
67	BA1	Rasulpalli	14.11.2024	59	27.5	10.2	12.6	BDL
68	BA1	Rasulpalli	20.11.2024	57	26.8	11.3	13.4	BDL
69	BA1	Rasulpalli	21.11.2024	54	24.6	10.1	12.8	BDL
70	BA1	Rasulpalli	26.11.2024	61	31	11.4	13.1	BDL
71	BA1	Rasulpalli	27.11.2024	52	24.3	12.1	14.2	BDL
72	BA1	Rasulpalli	30.11.2024	56	28.4	10.2	13.3	BDL
73	BA1	Rasulpalli	06.12.2024	51	23.6	10.1	12.3	BDL
74	BA1	Rasulpalli	07.12.2024	59	28.3	11.2	13	BDL
75	BA1	Rasulpalli	13.12.2024	61	29.1	12.4	14.6	BDL
76	BA1	Rasulpalli	14.12.2024	57	26.4	10.6	11.8	BDL
77	BA1	Rasulpalli	20.12.2024	55	24.3	9.8	11.5	BDL
78	BA1	Rasulpalli	21.12.2024	60	30.6	11.2	13.4	BDL
79	BA1	Rasulpalli	27.12.2024	58	29.2	12.5	14.3	BDL
80	BA1	Rasulpalli	28.12.2024	54	25.4	10.2	11.6	BDL
81	BA1	Rasulpalli	31.12.2024	56	27.3	11.3	12.1	BDL
82	BA1	Rasulpalli	06.01.2025	62	27.6	11.2	13.1	BDL
83	BA1	Rasulpalli	07.01.2025	59	26.3	10.4	12.2	BDL
84	BA1	Rasulpalli	13.01.2025	57	25.8	9.8	11.4	BDL
85	BA1	Rasulpalli	14.01.2025	61	29.2	10.2	12.1	BDL
86	BA1	Rasulpalli	20.01.2025	60	28.6	11.4	13.5	BDL
87	BA1	Rasulpalli	21.01.2025	58	27.3	10.7	12.6	BDL
88	BA1	Rasulpalli	27.01.2025	62	30.8	11.1	13.8	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
89	BA1	Rasulpalli	28.01.2025	57	24.2	10.3	11.7	BDL
90	BA1	Rasulpalli	31.01.2025	64	32.1	11.6	14.2	BDL
91	BA1	Rasulpalli	05.02.2025	60	29.5	10.8	11.3	BDL
92	BA1	Rasulpalli	06.02.2025	63	30.2	12.3	15.6	BDL
93	BA1	Rasulpalli	12.02.2025	59	27	10.2	11.4	BDL
94	BA1	Rasulpalli	13.02.2025	62	31.4	11.7	12.2	BDL
95	BA1	Rasulpalli	19.02.2025	57	26.7	10.3	11	BDL
96	BA1	Rasulpalli	20.02.2025	61	32.3	12.2	13.4	BDL
97	BA1	Rasulpalli	26.02.2025	56	27.6	12.3	14.1	BDL
98	BA1	Rasulpalli	27.02.2025	58	28.1	11.6	12.8	BDL
99	BA1	Rasulpalli	05.03.2025	58	27.2	10.6	11.8	BDL
100	BA1	Rasulpalli	06.03.2025	61	29	11	12.4	BDL
101	BA1	Rasulpalli	12.03.2025	64	30.2	11.4	14.2	BDL
102	BA1	Rasulpalli	13.03.2025	59	28.2	11.2	12.3	BDL
103	BA1	Rasulpalli	19.03.2025	60	27.1	10.6	11.7	BDL
104	BA1	Rasulpalli	20.03.2025	62	31.2	11.4	12.3	BDL
105	BA1	Rasulpalli	26.03.2025	59	28.6	11.6	12.2	BDL
106	BA1	Rasulpalli	27.03.2025	60	30.3	12.4	14.1	BDL
107	BA1	Rasulpalli	31.03.2025	63	29.7	11.7	12.2	BDL
<b>Min</b>				<b>29</b>	<b>18.2</b>	<b>4.1</b>	<b>7.5</b>	<b>BDL</b>
<b>Max</b>				<b>71</b>	<b>32.7</b>	<b>13.3</b>	<b>16.9</b>	<b>BDL</b>
<b>Avg</b>				<b>58.1</b>	<b>27.5</b>	<b>10.6</b>	<b>13.4</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>69.9</b>	<b>32.2</b>	<b>12.5</b>	<b>16.5</b>	<b>BDL</b>

**Ambient Air Quality at Dubbapalli (BA2)**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	BA2	Dubbapalli	03.04.2024	59	25.3	9.2	13.8	BDL
2	BA2	Dubbapalli	04.04.2024	67	27.1	8.9	13.5	BDL
3	BA2	Dubbapalli	10.04.2024	60	26.8	9.4	14.3	BDL
4	BA2	Dubbapalli	11.04.2024	64	25.7	10.1	15.7	BDL
5	BA2	Dubbapalli	17.04.2024	62	27.4	9.6	14.2	BDL
6	BA2	Dubbapalli	18.04.2024	66	26.5	11.6	16.3	BDL
7	BA2	Dubbapalli	24.04.2024	59	25.5	10.2	15.6	BDL
8	BA2	Dubbapalli	25.04.2024	63	27.5	9.7	14.9	BDL
9	BA2	Dubbapalli	29.04.2024	70	26.6	9.4	14.4	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
10	BA2	Dubbapalli	03.05.2024	65	25.7	9.4	12.9	BDL
11	BA2	Dubbapalli	04.05.2024	68	27.4	10.2	14.5	BDL
12	BA2	Dubbapalli	10.05.2024	70	27.8	9.7	13.9	BDL
13	BA2	Dubbapalli	11.05.2024	72	28.1	11.2	15.4	BDL
14	BA2	Dubbapalli	17.05.2024	23	14.4	3.6	6.2	BDL
15	BA2	Dubbapalli	18.05.2024	52	23.5	8.7	12.3	BDL
16	BA2	Dubbapalli	24.05.2024	47	22.5	7.2	11.6	BDL
17	BA2	Dubbapalli	25.05.2024	61	23.1	9.5	14.2	BDL
18	BA2	Dubbapalli	30.05.2024	71	27.5	10.7	15.4	BDL
19	BA2	Dubbapalli	03.06.2024	65	26.8	10.3	13.9	BDL
20	BA2	Dubbapalli	04.06.2024	58	25.4	10	13.5	BDL
21	BA2	Dubbapalli	10.06.2024	60	26.2	11.2	14.9	BDL
22	BA2	Dubbapalli	11.06.2024	63	27.7	12.1	15.5	BDL
23	BA2	Dubbapalli	17.06.2024	64	26.8	11.6	16.1	BDL
24	BA2	Dubbapalli	18.06.2024	59	25.5	10.7	12.9	BDL
25	BA2	Dubbapalli	24.06.2024	56	23.7	10.6	12.6	BDL
26	BA2	Dubbapalli	25.06.2024	60	25.1	11.6	14.3	BDL
27	BA2	Dubbapalli	29.06.2024	41	19.2	6.7	9.8	BDL
28	BA2	Dubbapalli	04.07.2024	57	27.3	9.2	13.1	BDL
29	BA2	Dubbapalli	05.07.2024	53	25.8	8.4	14.5	BDL
30	BA2	Dubbapalli	11.07.2024	42	20.1	10.3	15.5	BDL
31	BA2	Dubbapalli	12.07.2024	46	21.9	11.2	16.3	BDL
32	BA2	Dubbapalli	18.07.2024	54	28.4	10.9	15.7	BDL
33	BA2	Dubbapalli	19.07.2024	51	25.5	12.4	18.8	BDL
34	BA2	Dubbapalli	25.07.2024	47	22.6	9.6	13.5	BDL
35	BA2	Dubbapalli	26.07.2024	45	21	8.9	14.7	BDL
36	BA2	Dubbapalli	30.07.2024	50	24.2	10.6	15.3	BDL
37	BA2	Dubbapalli	03.08.2024	55	26.2	8.7	14.2	BDL
38	BA2	Dubbapalli	04.08.2024	57	27.2	9.6	12.4	BDL
39	BA2	Dubbapalli	09.08.2024	45	20.4	11.2	13.5	BDL
40	BA2	Dubbapalli	10.08.2024	49	23.1	9.5	14.4	BDL
41	BA2	Dubbapalli	16.08.2024	56	29.3	12.3	15.4	BDL
42	BA2	Dubbapalli	17.08.2024	54	26.4	13.2	17.7	BDL
43	BA2	Dubbapalli	23.08.2024	52	24.2	11.2	14.2	BDL
44	BA2	Dubbapalli	24.08.2024	47	23.2	9.1	15.1	BDL
45	BA2	Dubbapalli	29.08.2024	49	24.3	9.6	13.3	BDL
46	BA2	Dubbapalli	03.09.2024	48	24.1	9.4	12.8	BDL
47	BA2	Dubbapalli	04.09.2024	44	22.2	10.1	13.1	BDL
48	BA2	Dubbapalli	09.09.2024	49	23.4	10.8	14.1	BDL
49	BA2	Dubbapalli	10.09.2024	52	27.1	11.2	13.7	BDL
50	BA2	Dubbapalli	16.09.2024	57	29.6	11.7	15.3	BDL
51	BA2	Dubbapalli	17.09.2024	55	26.2	11.3	12.9	BDL
52	BA2	Dubbapalli	23.09.2024	53	25.2	10.2	13.7	BDL
53	BA2	Dubbapalli	24.09.2024	51	24.2	10.7	12.6	BDL
54	BA2	Dubbapalli	28.09.2024	54	23.3	9.7	11.9	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
Nature of Area : Buffer  
Period of Monitoring : Annual Report (April 2024 – March 2025)  
Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
55	BA2	Dubbapalli	03.10.2024	54	23.2	10.4	11	BDL
56	BA2	Dubbapalli	04.10.2024	52	22.3	11.4	12.5	BDL
57	BA2	Dubbapalli	09.10.2024	55	24.2	10.2	13.4	BDL
58	BA2	Dubbapalli	10.10.2024	58	28.4	12.4	14.2	BDL
59	BA2	Dubbapalli	16.10.2024	54	27.2	11.2	13.3	BDL
60	BA2	Dubbapalli	17.10.2024	57	29	12.1	14.6	BDL
61	BA2	Dubbapalli	23.10.2024	59	30.1	13.6	15.1	BDL
62	BA2	Dubbapalli	24.10.2024	56	25.6	10.6	12.4	BDL
63	BA2	Dubbapalli	29.10.2024	53	24.2	9.8	13.3	BDL
64	BA2	Dubbapalli	04.11.2024	52	24.5	11.4	10.2	BDL
65	BA2	Dubbapalli	05.11.2024	58	24	9.8	12.6	BDL
66	BA2	Dubbapalli	11.11.2024	53	27.1	11.6	12.8	BDL
67	BA2	Dubbapalli	12.11.2024	59	28.6	11.1	13.4	BDL
68	BA2	Dubbapalli	18.11.2024	56	25	10.4	14.2	BDL
69	BA2	Dubbapalli	19.11.2024	52	29.4	12.6	13.3	BDL
70	BA2	Dubbapalli	24.11.2024	55	26.1	12.4	15.1	BDL
71	BA2	Dubbapalli	25.11.2024	49	25.3	10.6	12.4	BDL
72	BA2	Dubbapalli	29.11.2024	57	27.4	10.1	14.3	BDL
73	BA2	Dubbapalli	04.12.2024	60	29.4	11.2	13.1	BDL
74	BA2	Dubbapalli	05.12.2024	54	24.5	9.4	10.8	BDL
75	BA2	Dubbapalli	11.12.2024	51	25.2	10.3	11.4	BDL
76	BA2	Dubbapalli	12.12.2024	56	26.4	11.5	12.5	BDL
77	BA2	Dubbapalli	18.12.2024	59	28.1	12.1	13.4	BDL
78	BA2	Dubbapalli	19.12.2024	53	25.3	10.1	12	BDL
79	BA2	Dubbapalli	25.12.2024	57	27.4	11.6	12.3	BDL
80	BA2	Dubbapalli	26.12.2024	52	27.1	10.1	11.5	BDL
81	BA2	Dubbapalli	30.12.2024	48	23.7	9.6	10.2	BDL
82	BA2	Dubbapalli	03.01.2025	58	26.3	10.3	12.4	BDL
83	BA2	Dubbapalli	04.01.2025	60	29.5	10.1	11.2	BDL
84	BA2	Dubbapalli	10.01.2025	62	30.7	11.5	14.5	BDL
85	BA2	Dubbapalli	11.01.2025	59	29.3	10.6	12.1	BDL
86	BA2	Dubbapalli	18.01.2025	61	28.7	11.2	13.4	BDL
87	BA2	Dubbapalli	19.01.2025	64	31.3	12.3	14	BDL
88	BA2	Dubbapalli	24.01.2025	58	27	9.8	10.8	BDL
89	BA2	Dubbapalli	25.01.2025	63	30.2	11.4	12.6	BDL
90	BA2	Dubbapalli	30.01.2025	61	28.3	10.7	11.4	BDL
91	BA2	Dubbapalli	03.02.2025	63	31.3	12.2	14.3	BDL
92	BA2	Dubbapalli	04.02.2025	59	28.2	10.6	11.4	BDL
93	BA2	Dubbapalli	10.02.2025	61	30.7	11.3	12.7	BDL
94	BA2	Dubbapalli	11.02.2025	60	27.8	12.1	13.6	BDL
95	BA2	Dubbapalli	17.02.2025	58	26.3	11.2	13.4	BDL
96	BA2	Dubbapalli	18.02.2025	63	31	12.6	14.5	BDL
97	BA2	Dubbapalli	24.02.2025	60	29.6	10.8	11.6	BDL
98	BA2	Dubbapalli	25.02.2025	61	32.2	11.2	12.1	BDL
99	BA2	Dubbapalli	03.03.2025	56	26.2	10.8	11.3	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
100	BA2	Dubbapalli	04.03.2025	59	28.5	11.1	12.4	BDL
101	BA2	Dubbapalli	10.03.2025	61	30.4	12.5	13.1	BDL
102	BA2	Dubbapalli	11.03.2025	57	26	11.2	12.3	BDL
103	BA2	Dubbapalli	17.03.2025	62	29.5	12.4	13	BDL
104	BA2	Dubbapalli	18.03.2025	60	28.2	11.3	12.2	BDL
105	BA2	Dubbapalli	24.03.2025	58	26.3	10.4	11.7	BDL
106	BA2	Dubbapalli	25.03.2025	61	28.1	11.1	12.4	BDL
107	BA2	Dubbapalli	29.03.2025	59	27.5	10.6	11.2	BDL
<b>Min</b>				<b>23</b>	<b>14.4</b>	<b>3.6</b>	<b>6.2</b>	<b>BDL</b>
<b>Max</b>				<b>72</b>	<b>32.2</b>	<b>13.6</b>	<b>18.8</b>	<b>BDL</b>
<b>Avg</b>				<b>56.4</b>	<b>26.3</b>	<b>10.6</b>	<b>13.4</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>70.0</b>	<b>31.3</b>	<b>12.6</b>	<b>16.3</b>	<b>BDL</b>

**Ambient Air Quality at Jaipur (BA3)**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	BA3	Jaipur	01.04.2024	69	30.2	10.2	14.6	BDL
2	BA3	Jaipur	02.04.2024	72	31.3	11.6	16.5	BDL
3	BA3	Jaipur	08.04.2024	70	30.8	10.5	15.8	BDL
4	BA3	Jaipur	09.04.2024	68	29.7	12.5	17.4	BDL
5	BA3	Jaipur	15.04.2024	73	31.6	10.9	16.1	BDL
6	BA3	Jaipur	16.04.2024	75	32.5	10.6	15.7	BDL
7	BA3	Jaipur	22.04.2024	71	29.8	11.3	16.2	BDL
8	BA3	Jaipur	23.04.2024	67	27.4	13.2	18.8	BDL
9	BA3	Jaipur	28.04.2024	70	28.2	12.7	17.2	BDL
10	BA3	Jaipur	01.05.2024	68	26.9	9.6	13.7	BDL
11	BA3	Jaipur	02.05.2024	73	31.1	11.3	16.4	BDL
12	BA3	Jaipur	08.05.2024	38	22.1	6.1	9.8	BDL
13	BA3	Jaipur	09.05.2024	57	25.6	8.6	11.4	BDL
14	BA3	Jaipur	15.05.2024	74	32.1	10.6	15.6	BDL
15	BA3	Jaipur	16.05.2024	65	27.5	9.4	12.8	BDL
16	BA3	Jaipur	22.05.2024	72	29.1	10.8	15.4	BDL
17	BA3	Jaipur	23.05.2024	69	27.2	11.1	14.5	BDL
18	BA3	Jaipur	29.05.2024	74	27.8	11.7	16.4	BDL
19	BA3	Jaipur	01.06.2024	66	27.4	10.3	13.8	BDL
20	BA3	Jaipur	02.06.2024	65	28.1	10.6	14.4	BDL
21	BA3	Jaipur	07.06.2024	58	24.8	8.9	11.2	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
22	BA3	Jaipur	08.06.2024	61	25.9	9.8	12.7	BDL
23	BA3	Jaipur	14.06.2024	64	28.3	11.5	15.3	BDL
24	BA3	Jaipur	15.06.2024	69	29.4	12.2	16.8	BDL
25	BA3	Jaipur	21.06.2024	59	26.1	10.1	15.1	BDL
26	BA3	Jaipur	24.06.2024	53	23.3	10.4	12.3	BDL
27	BA3	Jaipur	28.06.2024	55	23.8	8.7	11.4	BDL
28	BA3	Jaipur	01.07.2024	64	30.5	11.4	16	BDL
29	BA3	Jaipur	02.07.2024	68	34.7	10.3	14.4	BDL
30	BA3	Jaipur	08.07.2024	62	32.5	9	13.8	BDL
31	BA3	Jaipur	09.07.2024	65	33.5	8.1	14.7	BDL
32	BA3	Jaipur	15.07.2024	61	29.1	11	15.2	BDL
33	BA3	Jaipur	16.07.2024	66	31.5	12.4	16.3	BDL
34	BA3	Jaipur	22.07.2024	60	37.2	11.2	11.7	BDL
35	BA3	Jaipur	23.07.2024	62	30.9	12	14.1	BDL
36	BA3	Jaipur	29.07.2024	68	32	10.5	15.8	BDL
37	BA3	Jaipur	01.08.2024	58	27.2	10.4	16.3	BDL
38	BA3	Jaipur	02.08.2024	60	31.4	11.2	13.1	BDL
39	BA3	Jaipur	07.08.2024	57	29.2	8.7	12.8	BDL
40	BA3	Jaipur	08.08.2024	61	33.1	11.1	14.4	BDL
41	BA3	Jaipur	14.08.2024	59	28.6	13.4	16.2	BDL
42	BA3	Jaipur	15.08.2024	65	31.3	11.4	16.6	BDL
43	BA3	Jaipur	21.08.2024	63	35.2	12.1	10.7	BDL
44	BA3	Jaipur	22.08.2024	61	31.2	11.4	13.4	BDL
45	BA3	Jaipur	28.08.2024	66	33.2	14.1	16.3	BDL
46	BA3	Jaipur	01.09.2024	47	23.2	10.1	13.1	BDL
47	BA3	Jaipur	02.09.2024	54	25.3	11.2	12.8	BDL
48	BA3	Jaipur	07.09.2024	57	27.2	9.7	14.2	BDL
49	BA3	Jaipur	08.09.2024	55	29.2	10.6	13.7	BDL
50	BA3	Jaipur	13.09.2024	61	31.4	12.1	15.1	BDL
51	BA3	Jaipur	14.09.2024	63	30.2	11.5	14.5	BDL
52	BA3	Jaipur	20.09.2024	59	29.8	10.6	12.2	BDL
53	BA3	Jaipur	21.09.2024	53	26.2	9.7	13.6	BDL
54	BA3	Jaipur	27.09.2024	60	30.1	13.4	14.7	BDL
55	BA3	Jaipur	01.10.2024	58	27.5	12.2	14.4	BDL
56	BA3	Jaipur	02.10.2024	55	24.4	10.8	11.2	BDL
57	BA3	Jaipur	07.10.2024	60	30.1	12.6	15.4	BDL
58	BA3	Jaipur	08.10.2024	57	28.4	9.8	14.6	BDL
59	BA3	Jaipur	14.10.2024	59	29.2	13.4	13.3	BDL
60	BA3	Jaipur	15.10.2024	61	31.1	12.2	15.2	BDL
61	BA3	Jaipur	21.10.2024	56	28.3	10.6	13.1	BDL
62	BA3	Jaipur	22.10.2024	60	30	11.4	14.1	BDL
63	BA3	Jaipur	28.10.2024	63	32.1	12.6	15.6	BDL
64	BA3	Jaipur	01.11.2024	54	26.2	10.8	12.2	BDL
65	BA3	Jaipur	02.11.2024	61	30.5	12.3	14.3	BDL
66	BA3	Jaipur	08.11.2024	59	29.3	11.4	13	BDL
67	BA3	Jaipur	09.11.2024	56	26.5	10.3	12.4	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
68	BA3	Jaipur	15.11.2024	58	27.2	13.2	14.1	BDL
69	BA3	Jaipur	16.11.2024	55	25	11.1	13.2	BDL
70	BA3	Jaipur	22.11.2024	60	29.1	12.3	14.6	BDL
71	BA3	Jaipur	23.11.2024	57	28.4	12.1	13.1	BDL
72	BA3	Jaipur	28.11.2024	59	24.8	11.6	14.2	BDL
73	BA3	Jaipur	02.12.2024	50	24.1	10.2	11.4	BDL
74	BA3	Jaipur	03.12.2024	57	26.2	10.6	12.1	BDL
75	BA3	Jaipur	09.12.2024	59	28.3	11.2	12.6	BDL
76	BA3	Jaipur	10.12.2024	60	30.6	11.7	13.1	BDL
77	BA3	Jaipur	16.12.2024	56	25.4	10.1	12.7	BDL
78	BA3	Jaipur	17.12.2024	59	27.2	12.3	13.5	BDL
79	BA3	Jaipur	23.12.2024	61	30.4	11.8	15.2	BDL
80	BA3	Jaipur	24.12.2024	58	29.2	12	13.4	BDL
81	BA3	Jaipur	29.12.2024	61	31.2	12.6	15.3	BDL
82	BA3	Jaipur	01.01.2025	60	29.4	11.2	13.1	BDL
83	BA3	Jaipur	02.01.2025	58	27.1	10.8	11.7	BDL
84	BA3	Jaipur	08.01.2025	56	25.6	10.6	12.3	BDL
85	BA3	Jaipur	09.01.2025	62	30.2	11.4	12.8	BDL
86	BA3	Jaipur	15.01.2025	60	26.3	10.6	11.4	BDL
87	BA3	Jaipur	16.01.2025	57	28.2	11.2	12.6	BDL
88	BA3	Jaipur	22.01.2025	64	32.3	12.8	15.5	BDL
89	BA3	Jaipur	23.01.2025	61	29.7	11.7	13.6	BDL
90	BA3	Jaipur	29.01.2025	62	30.5	12.4	14.7	BDL
91	BA3	Jaipur	01.02.2025	57	28.2	11.4	12.7	BDL
92	BA3	Jaipur	02.02.2025	61	29	11.6	13.1	BDL
93	BA3	Jaipur	07.02.2025	58	26.8	10.4	11.6	BDL
94	BA3	Jaipur	08.02.2025	60	29.5	11.7	12.4	BDL
95	BA3	Jaipur	14.02.2025	57	27.3	10.2	11.7	BDL
96	BA3	Jaipur	15.02.2025	63	31.3	11	14.3	BDL
97	BA3	Jaipur	21.02.2025	61	30	11.8	12.1	BDL
98	BA3	Jaipur	22.02.2025	64	29.7	12.2	13.4	BDL
99	BA3	Jaipur	01.03.2025	61	28.3	11.3	12.4	BDL
100	BA3	Jaipur	02.03.2025	65	31.4	12.6	15.1	BDL
101	BA3	Jaipur	07.03.2025	63	30.1	11.6	13.4	BDL
102	BA3	Jaipur	08.03.2025	61	29.6	10.5	11.7	BDL
103	BA3	Jaipur	14.03.2025	59	25.4	10.1	12.3	BDL
104	BA3	Jaipur	15.03.2025	60	27.6	11.8	12	BDL
105	BA3	Jaipur	21.03.2025	57	26.4	10.5	11.3	BDL
106	BA3	Jaipur	22.03.2025	62	30	11.7	12.8	BDL
107	BA3	Jaipur	28.03.2025	64	32.3	12.2	14.6	BDL
<b>Min</b>				<b>38</b>	<b>22.1</b>	<b>6.1</b>	<b>9.8</b>	<b>BDL</b>
<b>Max</b>				<b>75</b>	<b>37.2</b>	<b>14.1</b>	<b>18.8</b>	<b>BDL</b>
<b>Avg</b>				<b>61.2</b>	<b>28.9</b>	<b>11.1</b>	<b>13.9</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>73.9</b>	<b>34.6</b>	<b>13.4</b>	<b>17.2</b>	<b>BDL</b>

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025****Ambient Air Quality at Pegadapalli (BA4)**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	BA4	Pegadapalli	01.04.2024	69	27.5	10.4	15.8	BDL
2	BA4	Pegadapalli	02.04.2024	72	27.8	9.7	14.2	BDL
3	BA4	Pegadapalli	08.04.2024	68	26.9	10.1	15.3	BDL
4	BA4	Pegadapalli	09.04.2024	71	28.6	11.4	17.1	BDL
5	BA4	Pegadapalli	15.04.2024	70	28.3	11.7	17.6	BDL
6	BA4	Pegadapalli	16.04.2024	73	30.4	10.6	15.7	BDL
7	BA4	Pegadapalli	22.04.2024	69	29.4	12.5	17.8	BDL
8	BA4	Pegadapalli	23.04.2024	70	27.9	9.5	14.6	BDL
9	BA4	Pegadapalli	28.04.2024	68	28.5	10.3	15.5	BDL
10	BA4	Pegadapalli	01.05.2024	70	27.9	10.7	15.1	BDL
11	BA4	Pegadapalli	02.05.2024	73	28.6	11.2	16.3	BDL
12	BA4	Pegadapalli	08.05.2024	37	20.7	6.4	10.1	BDL
13	BA4	Pegadapalli	09.05.2024	61	24.6	8.4	12.3	BDL
14	BA4	Pegadapalli	15.05.2024	72	28.7	11.1	15.6	BDL
15	BA4	Pegadapalli	16.05.2024	63	25.6	10.2	13.5	BDL
16	BA4	Pegadapalli	22.05.2024	71	30.1	12.7	16.7	BDL
17	BA4	Pegadapalli	23.05.2024	68	27.1	9.4	15.3	BDL
18	BA4	Pegadapalli	29.05.2024	72	30.5	12.3	16.5	BDL
19	BA4	Pegadapalli	01.06.2024	64	27.6	10.5	14.7	BDL
20	BA4	Pegadapalli	02.06.2024	70	29.7	12.3	16.8	BDL
21	BA4	Pegadapalli	07.06.2024	59	24.7	9.4	12.1	BDL
22	BA4	Pegadapalli	08.06.2024	62	26.2	10.7	13.4	BDL
23	BA4	Pegadapalli	14.06.2024	65	28.5	11.3	15.5	BDL
24	BA4	Pegadapalli	15.06.2024	66	27.4	10.4	13.8	BDL
25	BA4	Pegadapalli	21.06.2024	60	25.3	9.7	12.6	BDL
26	BA4	Pegadapalli	24.06.2024	58	23.2	10.3	13.3	BDL
27	BA4	Pegadapalli	28.06.2024	52	22.9	9.6	11.2	BDL
28	BA4	Pegadapalli	01.07.2024	52	23.2	9.1	13.5	BDL
29	BA4	Pegadapalli	02.07.2024	59	28.6	10.6	15	BDL
30	BA4	Pegadapalli	08.07.2024	63	30.6	8.6	14.1	BDL
31	BA4	Pegadapalli	09.07.2024	60	27.4	9.4	12.3	BDL
32	BA4	Pegadapalli	15.07.2024	64	29.5	10.9	15.6	BDL
33	BA4	Pegadapalli	16.07.2024	62	30.7	11.6	16.3	BDL
34	BA4	Pegadapalli	22.07.2024	53	21.9	12.5	12.4	BDL
35	BA4	Pegadapalli	23.07.2024	51	28.1	13.6	19.2	BDL
36	BA4	Pegadapalli	29.07.2024	65	33	12	17.2	BDL
37	BA4	Pegadapalli	01.08.2024	53	24.3	10.2	14.5	BDL
38	BA4	Pegadapalli	02.08.2024	55	29.3	11.4	12	BDL
39	BA4	Pegadapalli	07.08.2024	61	29.5	9.3	13.2	BDL
40	BA4	Pegadapalli	08.08.2024	60	30.1	10.2	13.1	BDL
41	BA4	Pegadapalli	14.08.2024	62	29.2	9.8	14.2	BDL
42	BA4	Pegadapalli	15.08.2024	59	30.1	10.1	12.1	BDL
43	BA4	Pegadapalli	21.08.2024	55	21.3	12.2	13.4	BDL
44	BA4	Pegadapalli	22.08.2024	53	29.1	15.6	18.2	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
45	BA4	Pegadapalli	28.08.2024	66	32.3	12.1	16.4	BDL
46	BA4	Pegadapalli	01.09.2024	53	23.3	9.6	12.5	BDL
47	BA4	Pegadapalli	02.09.2024	57	27.3	10.4	13.2	BDL
48	BA4	Pegadapalli	07.09.2024	59	28.3	11.2	13.8	BDL
49	BA4	Pegadapalli	08.09.2024	56	29.2	10.1	12.7	BDL
50	BA4	Pegadapalli	13.09.2024	60	32.1	11.5	14.6	BDL
51	BA4	Pegadapalli	14.09.2024	62	33.2	12.2	13.4	BDL
52	BA4	Pegadapalli	20.09.2024	58	26.5	10.8	12.6	BDL
53	BA4	Pegadapalli	21.09.2024	55	24.5	12.4	13.7	BDL
54	BA4	Pegadapalli	27.09.2024	63	31.3	11.3	15.1	BDL
55	BA4	Pegadapalli	01.10.2024	60	30.2	11.4	14	BDL
56	BA4	Pegadapalli	02.10.2024	55	26.2	9.6	12	BDL
57	BA4	Pegadapalli	07.10.2024	62	31	12.4	14.4	BDL
58	BA4	Pegadapalli	08.10.2024	57	28.4	9.8	13.1	BDL
59	BA4	Pegadapalli	14.10.2024	59	30.3	12.2	12.2	BDL
60	BA4	Pegadapalli	15.10.2024	63	32.4	13.2	15.4	BDL
61	BA4	Pegadapalli	21.10.2024	57	24.8	11.2	13.2	BDL
62	BA4	Pegadapalli	22.10.2024	60	29.6	11.6	15.3	BDL
63	BA4	Pegadapalli	28.10.2024	58	26.1	12.4	13.4	BDL
64	BA4	Pegadapalli	01.11.2024	62	31.3	12.6	13.3	BDL
65	BA4	Pegadapalli	02.11.2024	57	27	10.8	12.2	BDL
66	BA4	Pegadapalli	08.11.2024	61	30.2	11.7	14.1	BDL
67	BA4	Pegadapalli	09.11.2024	59	27.5	10.4	13.1	BDL
68	BA4	Pegadapalli	15.11.2024	55	26.2	9.8	12.3	BDL
69	BA4	Pegadapalli	16.11.2024	62	29.7	11.6	14.6	BDL
70	BA4	Pegadapalli	22.11.2024	58	28.3	10.2	13.1	BDL
71	BA4	Pegadapalli	23.11.2024	54	26.1	11.2	12.8	BDL
72	BA4	Pegadapalli	28.11.2024	57	27.8	10.7	14.3	BDL
73	BA4	Pegadapalli	02.12.2024	58	27.2	10.2	12.4	BDL
74	BA4	Pegadapalli	03.12.2024	62	31	11.6	13.1	BDL
75	BA4	Pegadapalli	09.12.2024	60	28.6	12.1	14.3	BDL
76	BA4	Pegadapalli	10.12.2024	57	25.3	10.3	12.6	BDL
77	BA4	Pegadapalli	16.12.2024	59	27	11.4	13.4	BDL
78	BA4	Pegadapalli	17.12.2024	61	29.4	12.4	14.1	BDL
79	BA4	Pegadapalli	23.12.2024	55	24.2	10.5	12.7	BDL
80	BA4	Pegadapalli	24.12.2024	60	26.8	12.1	13.2	BDL
81	BA4	Pegadapalli	29.12.2024	54	23.6	9.8	11.5	BDL
82	BA4	Pegadapalli	01.01.2025	63	31.2	11.2	12.8	BDL
83	BA4	Pegadapalli	02.01.2025	59	27.8	10.5	11.3	BDL
84	BA4	Pegadapalli	08.01.2025	55	26.4	9.8	10.7	BDL
85	BA4	Pegadapalli	09.01.2025	60	28.3	10.4	11.5	BDL
86	BA4	Pegadapalli	15.01.2025	64	31	12.3	14.1	BDL
87	BA4	Pegadapalli	16.01.2025	58	25.2	10.1	12.6	BDL
88	BA4	Pegadapalli	22.01.2025	62	29.7	11.4	13.2	BDL
89	BA4	Pegadapalli	23.01.2025	61	28.4	12.1	14.3	BDL
90	BA4	Pegadapalli	29.01.2025	59	27	10.9	12.7	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
91	BA4	Pegadapalli	01.02.2025	60	29.5	11.6	13.6	BDL
92	BA4	Pegadapalli	02.02.2025	63	28.3	11.2	12.3	BDL
93	BA4	Pegadapalli	07.02.2025	58	27.4	10.2	11.4	BDL
94	BA4	Pegadapalli	08.02.2025	61	30.2	11.3	12.6	BDL
95	BA4	Pegadapalli	14.02.2025	63	32	12.2	14.5	BDL
96	BA4	Pegadapalli	15.02.2025	60	29.6	10.7	12.1	BDL
97	BA4	Pegadapalli	21.02.2025	59	28.7	11.4	12.7	BDL
98	BA4	Pegadapalli	22.02.2025	62	31.3	12.5	15.3	BDL
99	BA4	Pegadapalli	01.03.2025	59	28.4	10.8	11.3	BDL
100	BA4	Pegadapalli	02.03.2025	57	26.2	10.6	11.8	BDL
101	BA4	Pegadapalli	07.03.2025	62	27.3	11.4	13.1	BDL
102	BA4	Pegadapalli	08.03.2025	64	31.3	12.6	14.5	BDL
103	BA4	Pegadapalli	14.03.2025	60	27.1	11.4	12.3	BDL
104	BA4	Pegadapalli	15.03.2025	62	30.2	12.1	13.2	BDL
105	BA4	Pegadapalli	21.03.2025	56	26.6	10.4	11.7	BDL
106	BA4	Pegadapalli	22.03.2025	60	28.4	12.2	13.2	BDL
107	BA4	Pegadapalli	28.03.2025	57	29.5	11.6	12.4	BDL
<b>Min</b>				<b>37</b>	<b>20.7</b>	<b>6.4</b>	<b>10.1</b>	<b>BDL</b>
<b>Max</b>				<b>73</b>	<b>33.2</b>	<b>15.6</b>	<b>19.2</b>	<b>BDL</b>
<b>Avg</b>				<b>60.7</b>	<b>28.1</b>	<b>11.0</b>	<b>13.8</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>72.0</b>	<b>32.4</b>	<b>13.1</b>	<b>17.8</b>	<b>BDL</b>

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025****Ambient Air Quality at Tekumatla (BA5)**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
1	BA5	Tekumatla	01.04.2024	69	28.7	8.9	12.8	BDL
2	BA5	Tekumatla	02.04.2024	67	28.3	9.5	14.3	BDL
3	BA5	Tekumatla	08.04.2024	72	30.6	10.3	15.2	BDL
4	BA5	Tekumatla	09.04.2024	70	30.1	11.4	16.4	BDL
5	BA5	Tekumatla	15.04.2024	69	29.2	9.9	13.6	BDL
6	BA5	Tekumatla	16.04.2024	75	32.8	11.5	16.9	BDL
7	BA5	Tekumatla	22.04.2024	71	32.1	10.6	15.7	BDL
8	BA5	Tekumatla	23.04.2024	68	29.4	10.2	14.8	BDL
9	BA5	Tekumatla	28.04.2024	66	28.8	9.2	13.3	BDL
10	BA5	Tekumatla	01.05.2024	66	27.9	9.4	13.1	BDL
11	BA5	Tekumatla	02.05.2024	70	29.2	10.9	15.2	BDL
12	BA5	Tekumatla	08.05.2024	39	23.1	6.7	9.7	BDL
13	BA5	Tekumatla	09.05.2024	58	25.4	8.6	12.4	BDL
14	BA5	Tekumatla	15.05.2024	67	28.6	10.1	14.2	BDL
15	BA5	Tekumatla	16.05.2024	64	29.2	10.5	15.9	BDL
16	BA5	Tekumatla	22.05.2024	69	30.3	11.4	16.2	BDL
17	BA5	Tekumatla	23.05.2024	72	30.8	10.7	15.6	BDL
18	BA5	Tekumatla	29.05.2024	71	31.1	11.2	16	BDL
19	BA5	Tekumatla	01.06.2024	67	28.7	11.2	14.3	BDL
20	BA5	Tekumatla	02.06.2024	65	28.2	10.8	13.9	BDL
21	BA5	Tekumatla	07.06.2024	60	26.3	10.4	13.3	BDL
22	BA5	Tekumatla	08.06.2024	61	27.1	9.6	12.8	BDL
23	BA5	Tekumatla	14.06.2024	64	28.7	12.1	15.7	BDL
24	BA5	Tekumatla	15.06.2024	70	30.4	12.5	16.9	BDL
25	BA5	Tekumatla	21.06.2024	61	28.1	10.6	13.3	BDL
26	BA5	Tekumatla	25.06.2024	59	24.8	10.4	13.1	BDL
27	BA5	Tekumatla	28.06.2024	56	24.1	9.4	12.2	BDL
28	BA5	Tekumatla	01.07.2024	62	29.8	8.8	13.2	BDL
29	BA5	Tekumatla	02.07.2024	64	32.6	9.2	12.8	BDL
30	BA5	Tekumatla	08.07.2024	58	28	11.8	12.6	BDL
31	BA5	Tekumatla	09.07.2024	55	28.4	10.4	15.1	BDL
32	BA5	Tekumatla	15.07.2024	59	30.6	8.9	14.6	BDL
33	BA5	Tekumatla	16.07.2024	48	34.7	9.4	13.4	BDL
34	BA5	Tekumatla	22.07.2024	53	26.8	10.6	14.3	BDL
35	BA5	Tekumatla	23.07.2024	50	25.2	11.5	11.1	BDL
36	BA5	Tekumatla	29.07.2024	60	31.4	10.1	14.8	BDL
37	BA5	Tekumatla	01.08.2024	57	28.1	9.1	12.1	BDL
38	BA5	Tekumatla	02.08.2024	61	30.6	10.1	13.1	BDL
39	BA5	Tekumatla	07.08.2024	59	27.8	12.3	14.2	BDL
40	BA5	Tekumatla	08.08.2024	56	28.2	11.2	15.1	BDL
41	BA5	Tekumatla	14.08.2024	60	31.1	10.1	13.1	BDL
42	BA5	Tekumatla	15.08.2024	50	34.1	8.4	12.1	BDL
43	BA5	Tekumatla	21.08.2024	55	29.1	11.2	13.1	BDL
44	BA5	Tekumatla	22.08.2024	53	25.2	12.3	14.5	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
Nature of Area : Buffer  
Period of Monitoring : Annual Report (April 2024 – March 2025)  
Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
45	BA5	Tekumatla	28.08.2024	59	30.4	11.1	15.1	BDL
46	BA5	Tekumatla	01.09.2024	47	24.2	9.8	11.6	BDL
47	BA5	Tekumatla	02.09.2024	54	25.1	10.4	12.1	BDL
48	BA5	Tekumatla	07.09.2024	57	26.5	11.1	13.8	BDL
49	BA5	Tekumatla	08.09.2024	55	27.2	12.6	14.1	BDL
50	BA5	Tekumatla	13.09.2024	59	30.1	11.4	13.5	BDL
51	BA5	Tekumatla	14.09.2024	60	29.7	12.5	15.4	BDL
52	BA5	Tekumatla	20.09.2024	58	28.2	11.1	12.6	BDL
53	BA5	Tekumatla	21.09.2024	55	24.2	10.1	14.2	BDL
54	BA5	Tekumatla	27.09.2024	61	31.3	12.2	14.7	BDL
55	BA5	Tekumatla	01.10.2024	57	27.3	10.2	12.2	BDL
56	BA5	Tekumatla	02.10.2024	55	24.2	12.1	13.2	BDL
57	BA5	Tekumatla	07.10.2024	60	29.4	11.4	12.6	BDL
58	BA5	Tekumatla	08.10.2024	58	28.4	10.2	13.4	BDL
59	BA5	Tekumatla	14.10.2024	60	30.1	12.6	15.2	BDL
60	BA5	Tekumatla	15.10.2024	59	28.1	13.1	14.4	BDL
61	BA5	Tekumatla	21.10.2024	57	27.8	12.5	14.6	BDL
62	BA5	Tekumatla	22.10.2024	55	29.2	11.2	15.4	BDL
63	BA5	Tekumatla	28.10.2024	61	31.2	12.4	13.7	BDL
64	BA5	Tekumatla	01.11.2024	59	26.2	11.4	13.1	BDL
65	BA5	Tekumatla	02.11.2024	56	24.6	9.8	12.3	BDL
66	BA5	Tekumatla	08.11.2024	58	27.3	10.2	11.6	BDL
67	BA5	Tekumatla	09.11.2024	61	29.5	11.1	13.6	BDL
68	BA5	Tekumatla	15.11.2024	55	26.1	13.2	14.3	BDL
69	BA5	Tekumatla	16.11.2024	53	25.6	11.4	13.2	BDL
70	BA5	Tekumatla	22.11.2024	57	28.2	10.6	12.8	BDL
71	BA5	Tekumatla	23.11.2024	59	30.3	11.4	14.6	BDL
72	BA5	Tekumatla	28.11.2024	54	24	10.3	12.8	BDL
73	BA5	Tekumatla	02.12.2024	59	28.2	10.1	12.6	BDL
74	BA5	Tekumatla	03.12.2024	61	29.3	11.3	13.2	BDL
75	BA5	Tekumatla	09.12.2024	56	26.2	10.5	11.2	BDL
76	BA5	Tekumatla	10.12.2024	60	30.1	11.6	12.3	BDL
77	BA5	Tekumatla	16.12.2024	58	27.2	12.7	14.2	BDL
78	BA5	Tekumatla	17.12.2024	62	31.2	12.1	15.3	BDL
79	BA5	Tekumatla	23.12.2024	56	26.1	10.4	12.2	BDL
80	BA5	Tekumatla	24.12.2024	60	30	11.3	13.8	BDL
81	BA5	Tekumatla	29.12.2024	57	27.2	10.7	11.6	BDL
82	BA5	Tekumatla	01.01.2025	57	26.4	10	11.4	BDL
83	BA5	Tekumatla	02.01.2025	60	29.6	10.8	12.1	BDL
84	BA5	Tekumatla	08.01.2025	63	30.2	11.2	12.7	BDL
85	BA5	Tekumatla	09.01.2025	61	28.3	12.3	14.1	BDL
86	BA5	Tekumatla	15.01.2025	60	29.5	11.5	13.2	BDL
87	BA5	Tekumatla	16.01.2025	58	26	10.7	11.3	BDL
88	BA5	Tekumatla	22.01.2025	56	24.3	9.8	10.6	BDL
89	BA5	Tekumatla	23.01.2025	62	29.8	11.2	15.3	BDL
90	BA5	Tekumatla	29.01.2025	59	25.1	10.3	12.2	BDL

**AMBIENT AIR QUALITY AT DATA FOR THE PERIOD FROM APRIL-2024 TO MARCH-2025**

Area : 2X600 MW STPP  
 Nature of Area : Buffer  
 Period of Monitoring : Annual Report (April 2024 – March 2025)  
 Sample Duration : 24Hrs Period

S. No	Location Code	Name of the Location	Date of Sampling	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	Hg (ng/m <sup>3</sup> )
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>				<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	<b>-</b>
91	BA5	Tekumatla	01.02.2025	58	27.3	10.8	11.6	BDL
92	BA5	Tekumatla	02.02.2025	61	30.1	11.3	13.4	BDL
93	BA5	Tekumatla	07.02.2025	63	32	11.5	14.1	BDL
94	BA5	Tekumatla	08.02.2025	57	26.8	10.2	12.5	BDL
95	BA5	Tekumatla	14.02.2025	64	30.2	12.1	15.3	BDL
96	BA5	Tekumatla	15.02.2025	59	29.3	11.4	12.1	BDL
97	BA5	Tekumatla	21.02.2025	64	30	12.1	13.2	BDL
98	BA5	Tekumatla	22.02.2025	62	31.6	11.6	13.7	BDL
99	BA5	Tekumatla	01.03.2025	62	30.3	12.2	13.4	BDL
100	BA5	Tekumatla	02.03.2025	60	29.3	11	12.7	BDL
101	BA5	Tekumatla	07.03.2025	59	26.2	10.8	11.6	BDL
102	BA5	Tekumatla	08.03.2025	61	30.1	11.3	12.1	BDL
103	BA5	Tekumatla	14.03.2025	57	27.2	10.6	11.8	BDL
104	BA5	Tekumatla	15.03.2025	64	31.2	12.4	14.1	BDL
105	BA5	Tekumatla	21.03.2025	58	26.3	10.3	12.1	BDL
106	BA5	Tekumatla	22.03.2025	62	29.6	11.1	13.8	BDL
107	BA5	Tekumatla	28.03.2025	60	27.8	10.7	11.6	BDL
<b>Min</b>				<b>39</b>	<b>23.1</b>	<b>6.7</b>	<b>9.7</b>	<b>BDL</b>
<b>Max</b>				<b>75</b>	<b>34.7</b>	<b>13.2</b>	<b>16.9</b>	<b>BDL</b>
<b>Avg</b>				<b>60.0</b>	<b>28.5</b>	<b>10.8</b>	<b>13.5</b>	<b>BDL</b>
<b>98 Percentile</b>				<b>71.9</b>	<b>32.8</b>	<b>12.7</b>	<b>16.4</b>	<b>BDL</b>

**Summary of Ambient Air Quality Monitoring of STPP Jaipur Area  
For April 2024 - March 2025**

Location code	Name of the location	PM <sub>10</sub> (µg/m <sup>3</sup> )				PM <sub>2.5</sub> (µg/m <sup>3</sup> )				SO <sub>2</sub> (µg/m <sup>3</sup> )				NO <sub>2</sub> (µg/m <sup>3</sup> )				Hg(ng/m <sup>3</sup> )			
<b>NAAQ Standards, CPCB Dated: 18.11.2009</b>		<b>100</b>				<b>60</b>				<b>80</b>				<b>80</b>				<b>-</b>			
<b>Core Zone</b>		Min	Max	Avg	98 Percentile	Min	Max	Avg	98 Percentile	Min	Max	Avg	98 Percentile	Min	Max	Avg	98 Percentile	Min	Max	Avg	98 Percentile
CA1	STPP CISF Office	29	81	60.3	74.9	17.4	33.4	28.6	32.8	4.4	13.4	10.9	13.2	8.8	18.1	14.2	17.9	BDL	BDL	BDL	BDL
CA2	Weigh Bridge near main gate	26	83	61.3	78.9	19.8	35.7	29.6	34.7	5.7	14.3	11.2	13.6	8.3	20.1	14.4	19.3	BDL	BDL	BDL	BDL
CA3	Labour Camp	26	81	60.9	78.6	16.8	37	29.4	34.6	4.7	13.6	10.8	13.1	7.8	20.1	14	17.7	BDL	BDL	BDL	BDL
CA4	Near Stacker Reclaimer	29	88	64.1	83.9	20.3	38.4	30.8	38	6.2	15.3	11.5	13.8	9.1	21.3	14.6	20.1	BDL	BDL	BDL	BDL
<b>Buffer Zone</b>																					
BA1	Rasulpalli Village	29	71	58.1	69.9	18.2	32.7	27.5	32.2	4.1	13.3	10.6	12.5	7.5	16.9	13.4	16.5	BDL	BDL	BDL	BDL
BA2	Dubbapalli Village	23	72	56.4	70	14.4	32.2	26.3	31.3	3.6	13.6	10.6	12.6	6.2	18.8	13.4	16.3	BDL	BDL	BDL	BDL
BA3	Jaipur Village	38	75	61.2	73.9	22.1	37.2	28.9	34.6	6.1	14.1	11.1	13.4	9.8	18.8	13.9	17.2	BDL	BDL	BDL	BDL
BA4	Pegadapalli Village	37	73	60.7	72	20.7	33.2	28.1	32.4	6.4	15.6	11	13.1	10.1	19.2	13.8	17.8	BDL	BDL	BDL	BDL
BA5	Tekumatla Village	39	75	60	71.9	23.1	34.7	28.5	32.8	6.7	13.2	10.8	12.7	9.7	16.9	13.5	16.4	BDL	BDL	BDL	BDL

BOTTOM ASH & FLY ASH GENERATION FOR  
FINANCIAL YEAR 2024-2025

MONTH	FLY ASH [MT]	BOTTOM ASH [MT]	TOTAL [MT]
Apr-24	122627	58687	181314
May-24	133307	58787	192094
Jun-24	88729	43411	132140
Jul-24	63101	31327	94428
Aug-24	63823	33852	97675
Sep-24	123143	52550	175693
Oct-24	134132	57958	192090
Nov-24	121814	63358	185172
Dec-24	129003	61344	190346
Jan-25	142825	70221	213046
Feb-25	134753	72522	207275
Mar-25	135711	71406	207117
<b>Total</b>	<b>1392968</b>	<b>675422</b>	<b>2068391</b>

Total Ash Generation : 2068391 T  
Total Ash Utilization : 2069943 T  
% Ash utilization : 100.08%

## **Extent of Land Under Green Belt. List of Species. Budget. Area Photographs:**

SCCL is developing plantation on a large scale within the STPP premises including Miyawaki plantation system within the plant premises. The development of green belt is at different stages of growth.

SCCL has so far taken up plantation in an area of 211 ha with approximately 2.08 Lakhs saplings covering block, avenue plantation, Miyawaki plantation system and survival rate is more than 84%.

In addition to the above, the existing Mango orchards to an extent of 13.7 Ha. is protected.

The details of existing block plantation & avenue plantation etc. taken up so far within the STPP premises are given in **below**

S. No	Description of work	Year	Awarded area	Actual No. of Saplings planted	Present area	Present No. of saplings	Survival %
1	Misc. Block plantation	2012	40	41316	40	34292	87.33
2	Raising and 1 <sup>st</sup> year maintenance of Avenue plantation (4 Km) along the newly laid WBM road of STPP area during 2013-15	2013	4Km	1450	4 km	1120	77.24
3	Raising and 1 <sup>st</sup> year maintenance of Mango plantation 10 Ha in the premises of STPP during the year 2014-16	2014	10	2800	5	1561	40.11
4	Raising and 1 <sup>st</sup> year maintenance of Avenue plantation along the coal road from NH-63 to Track Hopper (3 Km) and also strip plantation below 400 KV transmission line in the premises of STPP	2016	3Km	3100	3 Km	1559	50.29
5	Raising and 1 <sup>st</sup> year maintenance of misc. block plantation in the vacant patches between grid No.N-200 to S-400 and in between W-1400 to W-800 cheruvu near STPP area during 2017-19	2017	6	5505	4	2889	52.48
6	Raising and first year maintenance of miscellaneous block plantation in the proposed area (40Ha) of STPP area during 2018-20	2018	40	46597	37	35345	80.69
7	Raising and 1 <sup>st</sup> year maintenance of Avenue plantation along the internal roads (5 Kms) of Township in STPP area 2018-20	2018	5	5025	4	4000	94.43
8	Raising and First Year Maintenance of Miscellaneous Block Plantation in Area Of STPP	2019	75	56800	50	47177	83.06
9	Raising and first year maintenance of fruit bearing and miscellaneous plantation in 40 Ha in the areas between switchyard and coal road and railway track and old Mango orchard of STPP during 2020-22	2020	38	24000	35	19920	89.00

<b>S. No</b>	<b>Description of work</b>	<b>Year</b>	<b>Awarded area</b>	<b>Actual No. of Saplings planted</b>	<b>Present area</b>	<b>Present No. of saplings</b>	<b>Survival %</b>
10	Small patches plantation between the MA and MB Quarters	2020	2	1975	2	1650	91.14
11	Miyawaki plantation	2020	2	11500	1	9500	88.70
12	Raising and First Year Maintenance of Block Plantation in small patches of STPP(10 Ha) during 2020-23	2020	10	7015	7	4804	92.66
13	Raising and First Year Maintenance of Block Plantation in small patches of STPP(10 Ha) during 2021-22	2021	10	10055	10	8045	99.45
14	Miyawaki plantation	2021	5	27619	4	21500	86.13
15	Raising Avenue plantation Along the compound wall 2021-2023	2021	3Km	1500	3	1400	96.67
16	Sridhar Mini Forest	2022	0.5	500	0.5	450	90.00
17	Raising of Avenue (strip) plantation along the coal road from Gate No 3 to Plant gate at Solar Power Plant of STPP during 2022-23	2023	1	1000	1	850	85.00
<b>Total</b>			<b>254.5</b>	<b>247757</b>	<b>211</b>	<b>208863</b>	<b>84.30</b>



Plantation programme as part of World Environment Day 2024 Celebrations at STPP



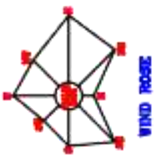
**Vriksharopan Abhiyan 2024**



**One Nursery was established with 1.5 Lakhs seedlings development**

## **List of Species at STPP**

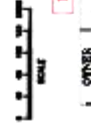
1. Bamboo
2. Maddi
3. Neeruddi
4. Hardwickia
5. Banyan
6. Juvvi
7. Amla / Usiri
8. Buruga
9. Neem
10. Peepal
11. Tamarind
12. Rela
13. Custard Apple
14. Thani
15. Gangaravi
16. Bauhinia
17. Teak
18. Jamun
19. Coconut
20. Sapota
21. Guava
22. Wood Apple
23. Lagerstroemia
24. Oleander
25. Hibiscus
26. Peltophorum
27. Indian rosewood / Shisham
28. Jitregi
29. Forest Almond
30. Tecoma argentea
31. Palchuri



Sl. No.	Particulars	Area (Sq. Meters)	Volume (Cubic Meters)	Remarks
1	Excavation for foundation	1000	1000	
2	Excavation for trench	2000	2000	
3	Excavation for well	500	500	
4	Excavation for drainage	1500	1500	
5	Excavation for road	3000	3000	
6	Excavation for parking	2000	2000	
7	Excavation for site	10000	10000	
8	Excavation for drainage	1500	1500	
9	Excavation for road	3000	3000	
10	Excavation for parking	2000	2000	
11	Excavation for site	10000	10000	
12	Excavation for drainage	1500	1500	
13	Excavation for road	3000	3000	
14	Excavation for parking	2000	2000	
15	Excavation for site	10000	10000	

- LEGEND**
- 1. EXISTING ROAD
  - 2. EXISTING DRAINAGE
  - 3. EXISTING UTILITY
  - 4. EXISTING STRUCTURE
  - 5. EXISTING FENCE
  - 6. EXISTING TREE
  - 7. EXISTING WATER BODY
  - 8. EXISTING POWER LINE
  - 9. EXISTING TELEPHONE LINE
  - 10. EXISTING GAS LINE
  - 11. EXISTING CABLE
  - 12. EXISTING TELEVISION
  - 13. EXISTING TELEPHONE
  - 14. EXISTING TELEVISION
  - 15. EXISTING TELEPHONE

- NOTES**
1. ALL DIMENSIONS ARE IN METERS.
  2. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE.
  3. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE.
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  15. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE.



**FOR DPR PURPOSE ONLY**

OWNER: THE GUJARAT ELECTRICITY CORPORATION

DESIGNER: NTPC Limited

PROJECT: SINGAREN THERMAL POWER PROJECT STAGE-II (DRAWDING)

STATION: WATER 02

NO. OF SHEETS: 01

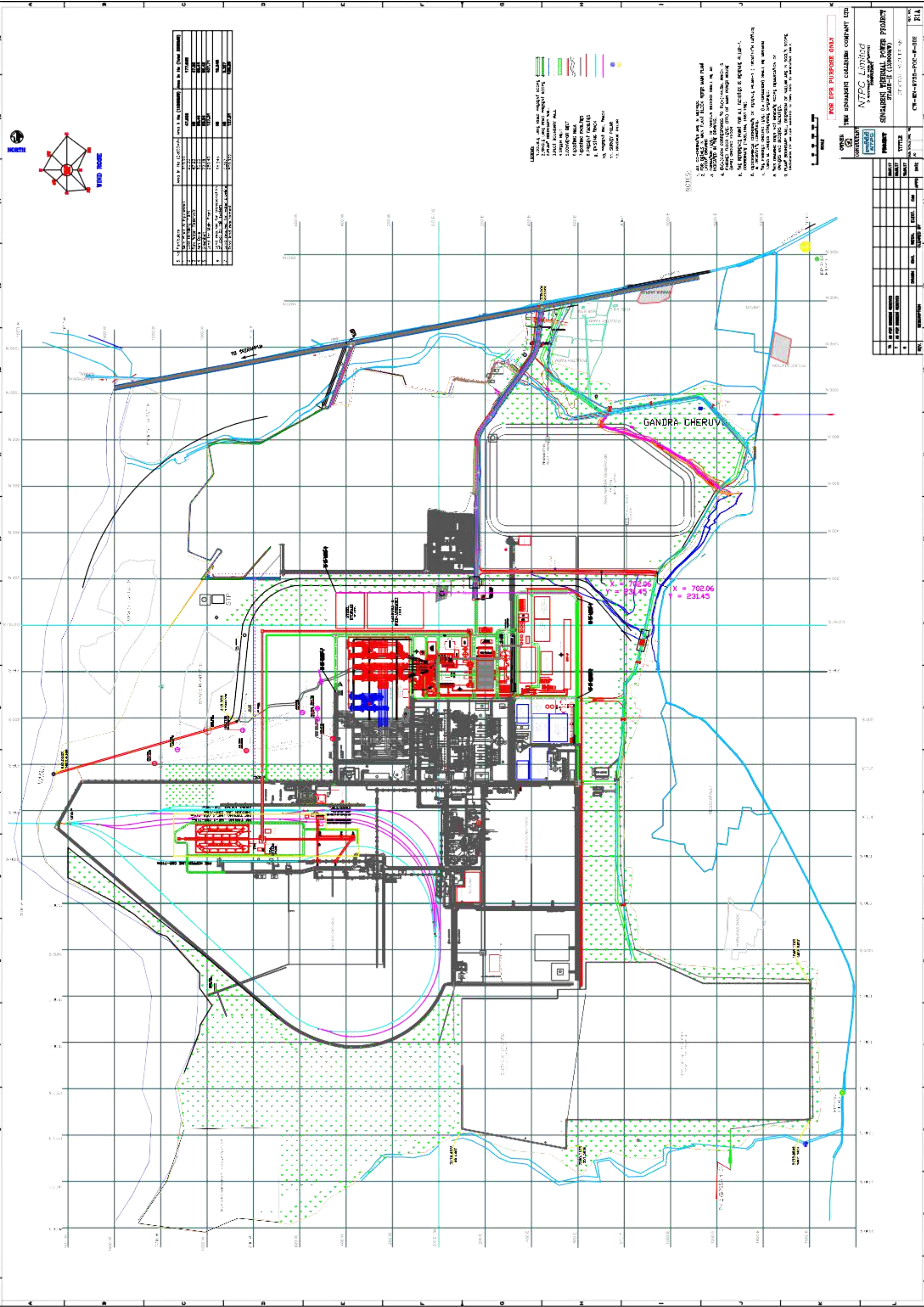
TOTAL SHEETS: 01

DATE: 01/01/2010

SCALE: 1:1000

PROJECT NO: GW-01-0700-000-000

REV. NO. REV. DATE



X = 702.06  
Y = 231.45