

	<p align="center">Monthly Report</p>	<p align="center">Tutuka Power Station</p>
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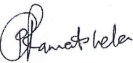

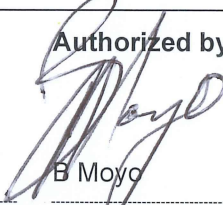
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1. Introduction

TUTUKA POWER STATION MONTHLY EMISSIONS REPORT FOR THE MONTH OF JANUARY 2026

This document serves as the monthly emissions report required in terms of Section 7.6 of Tutuka Power Station Provisional Atmospheric Emission License (AEL), 17/4/AEL/MP312/11/14

This report reflects Unit 1 to Unit 6 gaseous and particulate emissions performance against the AEL limit for the month of JANUARY 2026 only.

2. Raw Materials and Products

Table 1- Quantity of Raw Materials and Products Consumption in 01/2026

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Consumption – 01/2026
	Coal	Tons/month	1 380 000	361 001
	Fuel Oil	Tons/month	8 000	3146.280
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted (Quantity)	Production Rate in Month of 01/2026
	Energy	GWh	2 719	682.000
	Ash Emitted	Tons/month	500 000	89 167.178

3. Abatement Technology

Table 2-Abatement Equipment Control Technology Efficiency in 01/2026

Associated Unit/Stack	Technology Type	Efficiency	ESP Utilization
Unit 1	Electrostatic Precipitators (ESP)	99.518%	100%
Unit 2	Electrostatic Precipitators (ESP)	99.432%	100%
Unit 3	Electrostatic Precipitators (ESP)	Off-line	Off-line
Unit 4	Electrostatic Precipitators (ESP)	99.396%	100%
Unit 5	Electrostatic Precipitators (ESP)	Off-line	Off-line
Unit 6	Electrostatic Precipitators (ESP)	Off-line	Off-line

Note: The ESP plant does not have a bypass mode; therefore, it operates at 100% utilization.

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4. Energy Source Characteristics

Table 3: Materials used in energy sources 01/2026

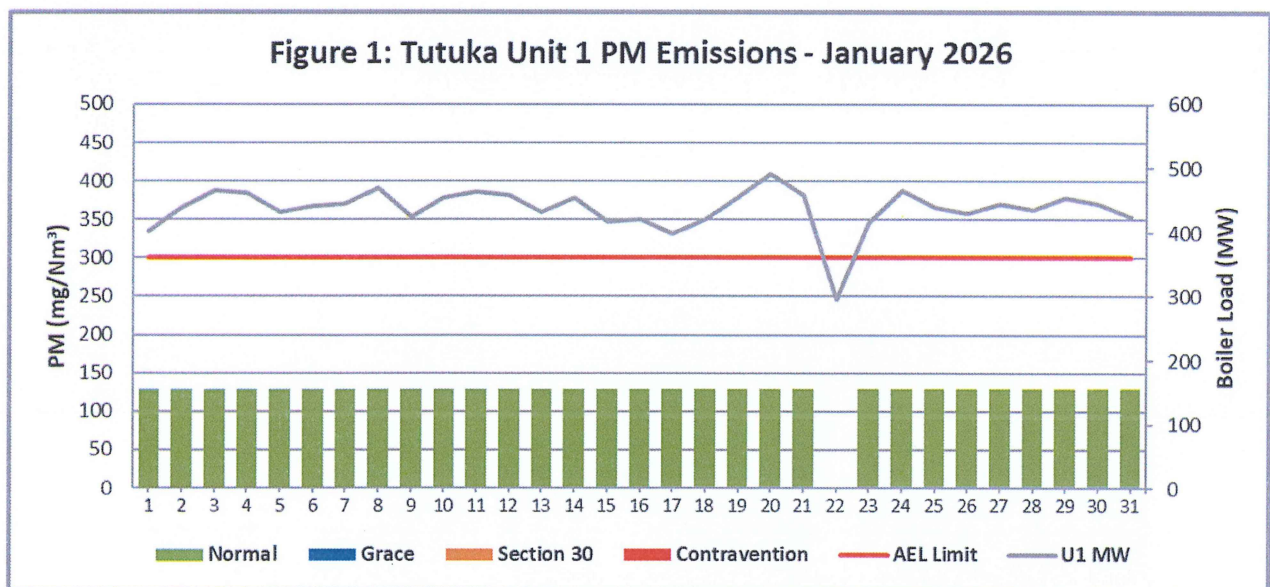
Material	Stipulated Material Limit (%)	Material Monthly Average Content (%)
Coal		
Sulphur Content	<1.4	1.03
Ash Content	<30	24.70
Fuel Oil		
Sulphur Content	<3.5	2.65
Ash Content	<0.1	N/A

5. Emissions Reporting

Table 4- Emission Limits are as follows:

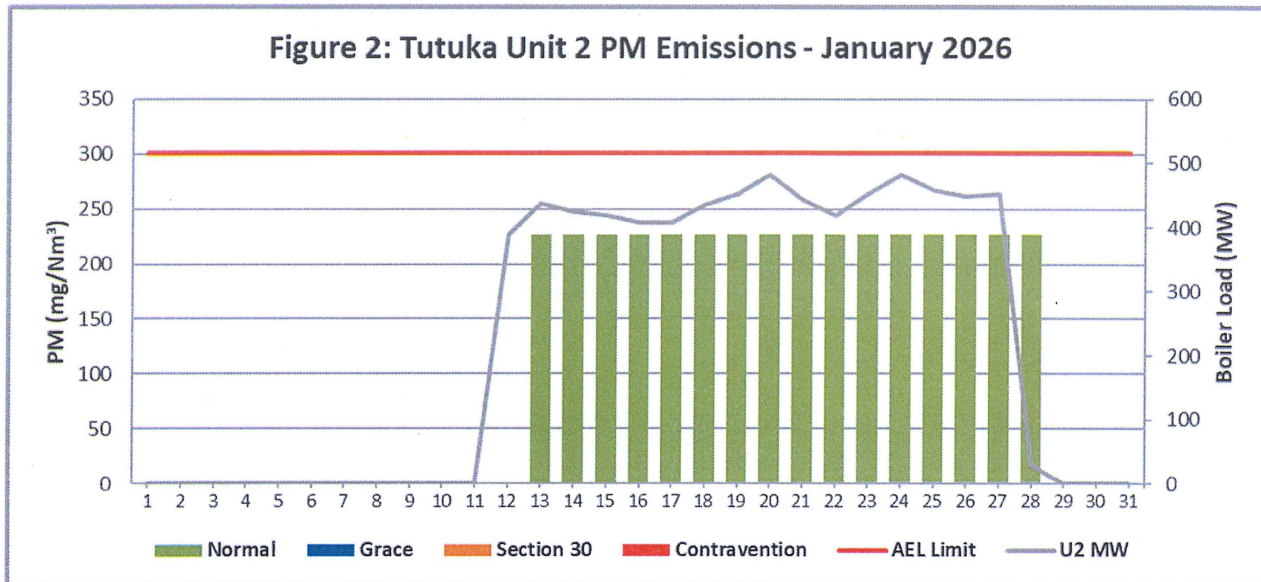
SO ₂ Monthly = 3000 mg/Nm ³	Dust Daily= 300 mg/Nm ³ (Unit 1-6) Dust Monthly= 200 mg/Nm ³ (Unit 1-6)	NO ₂ Daily= 1100 mg/Nm ³
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5.1 PM Daily Averages

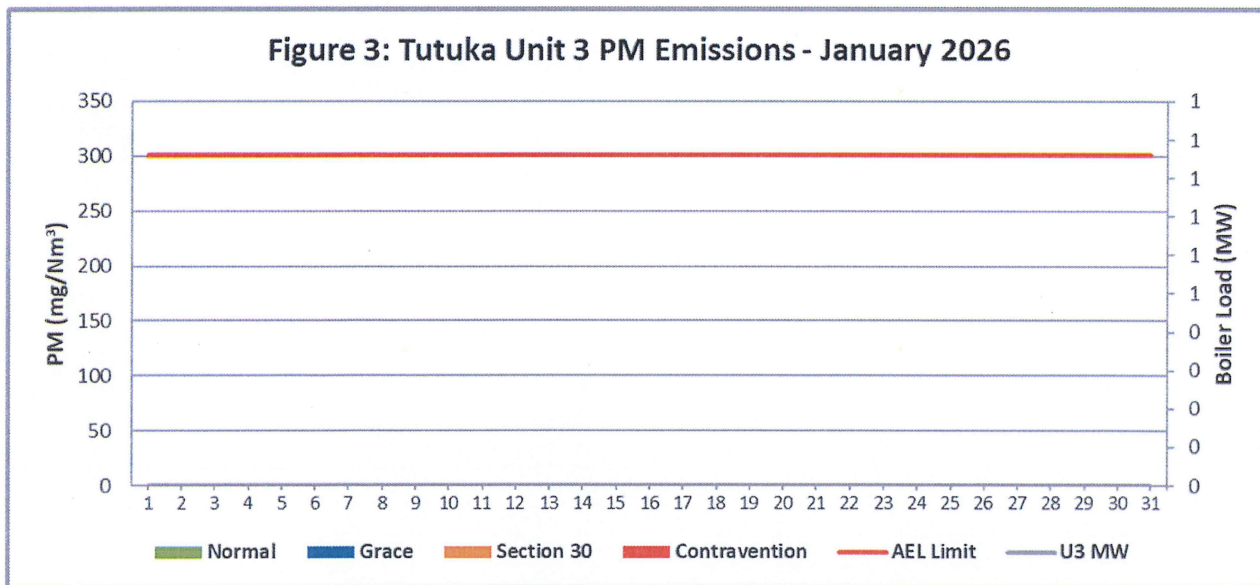


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The previous three-monthly average values for (August, September and October 2025) were used on Unit 1, as the station commenced with monitors replacement project from the 21st of October 2025 for Unit 1. There were no PM exceedances on Unit 1 for this reporting period.

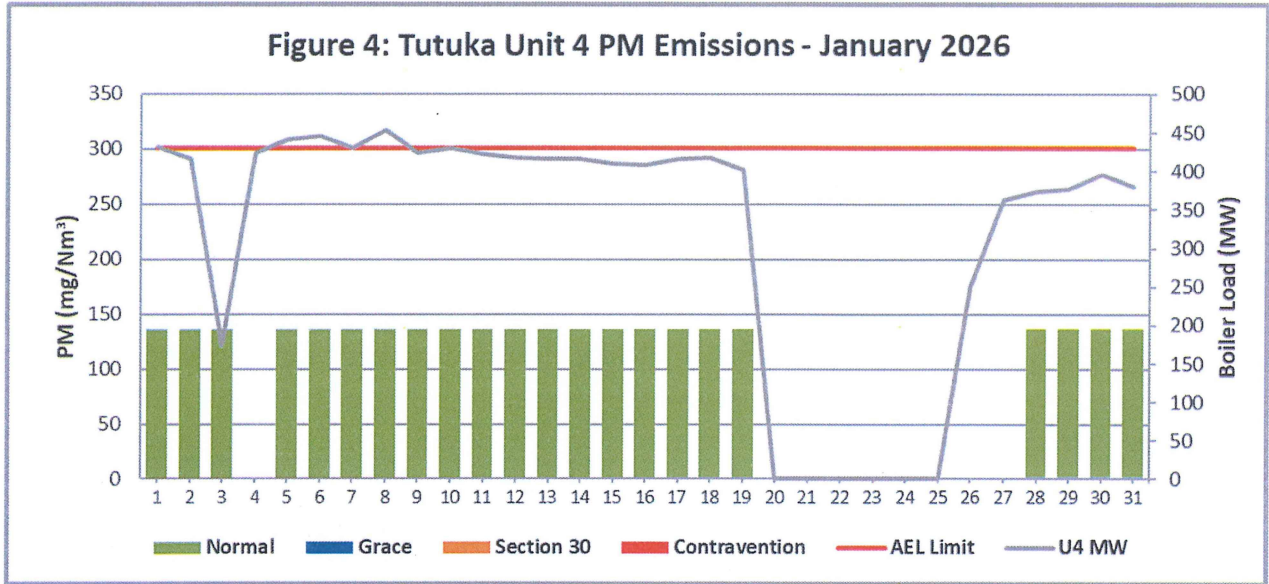


The previous three-monthly average values for (August, September and October 2025) were used on Unit 2, as the station commenced with monitors replacement project from the 01st of November 2025 for Unit 2. The station exceeded the PM AEL monthly limit of 200mg/Nm³ on Unit 2 for this reporting period. The exceedance is due to the three-monthly average data used, where Unit 2 incurred a Legal Contravention in August and September 2025.

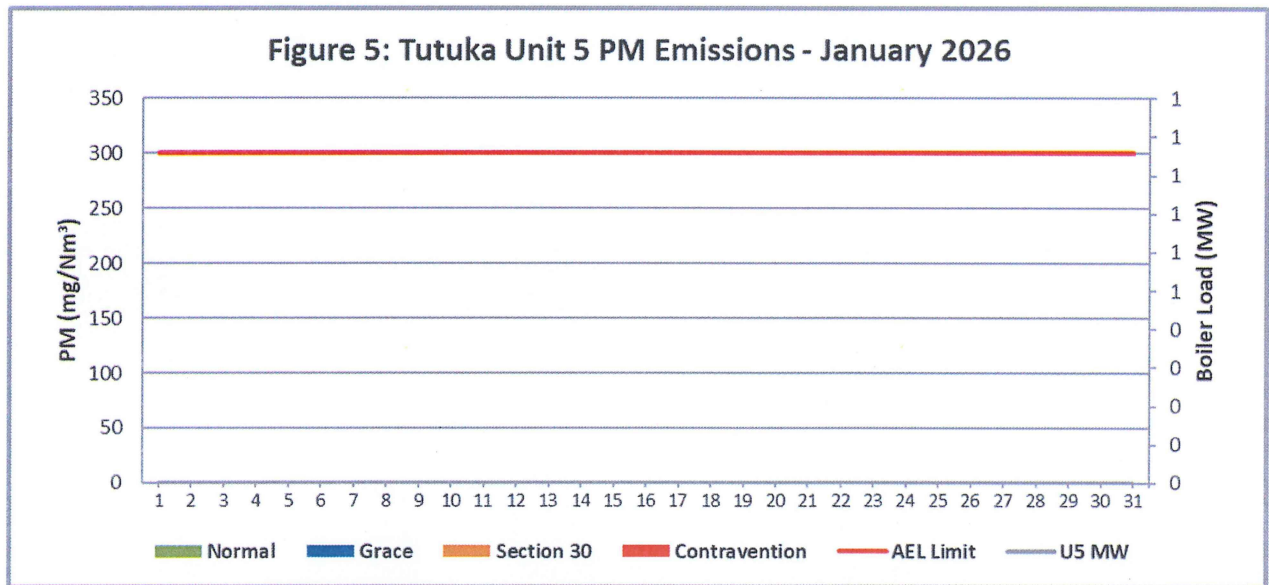


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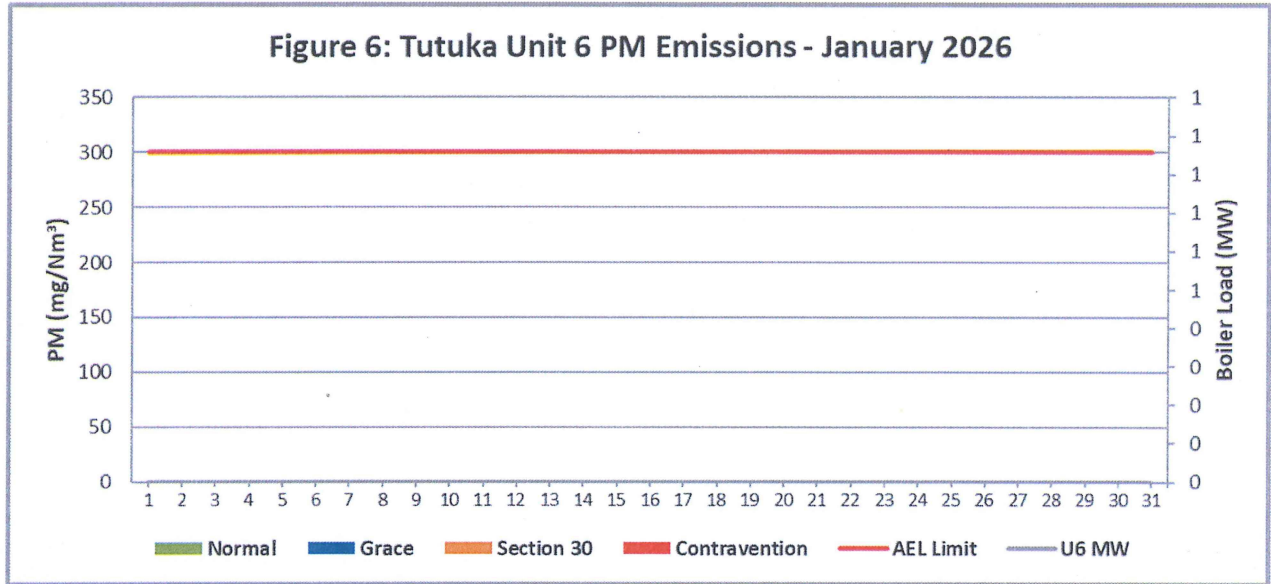
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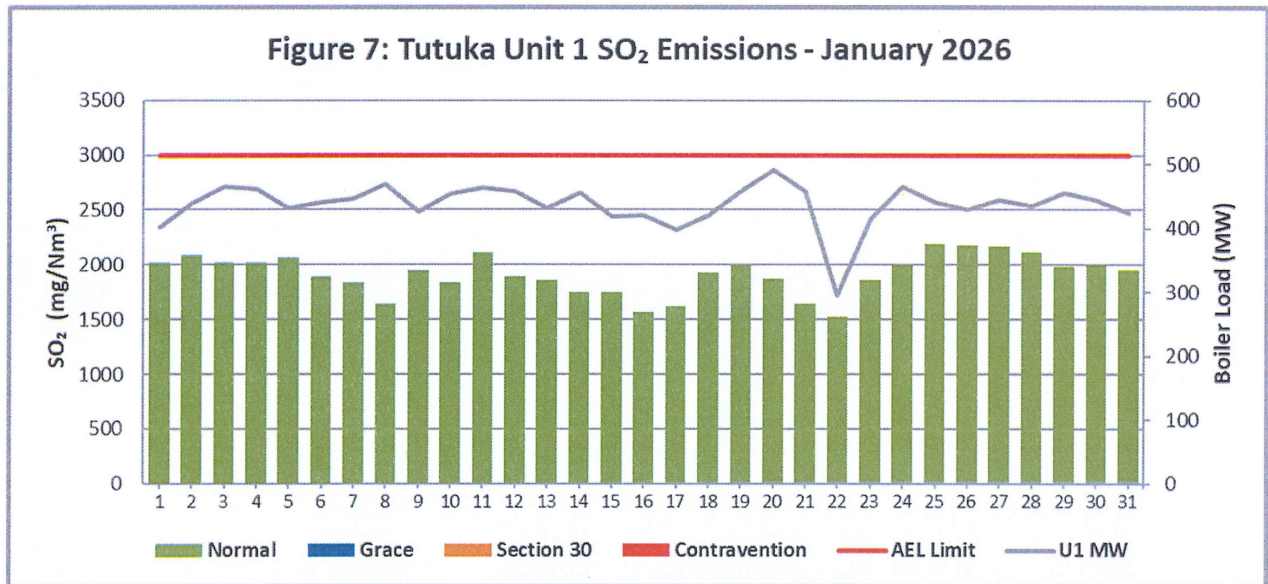
The previous three-monthly average values for (September, October and November 2025) were used on Unit 4, as the station commenced with monitors replacement project from the 21st of October 2025 for Unit 4. There were no PM exceedances on Unit 4 for this reporting period.



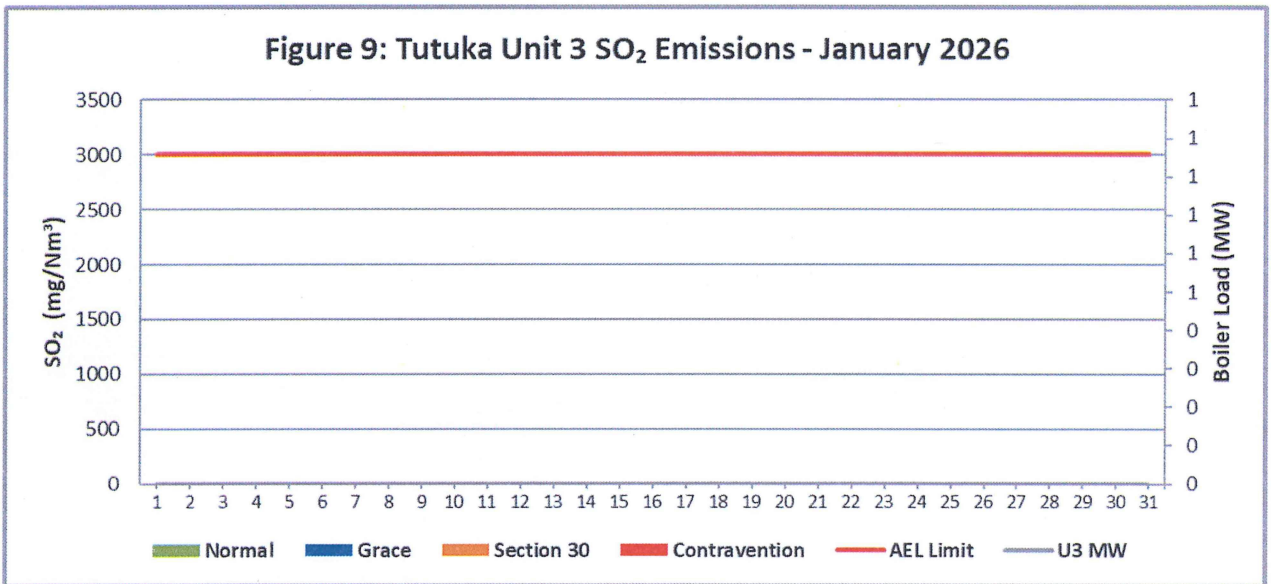
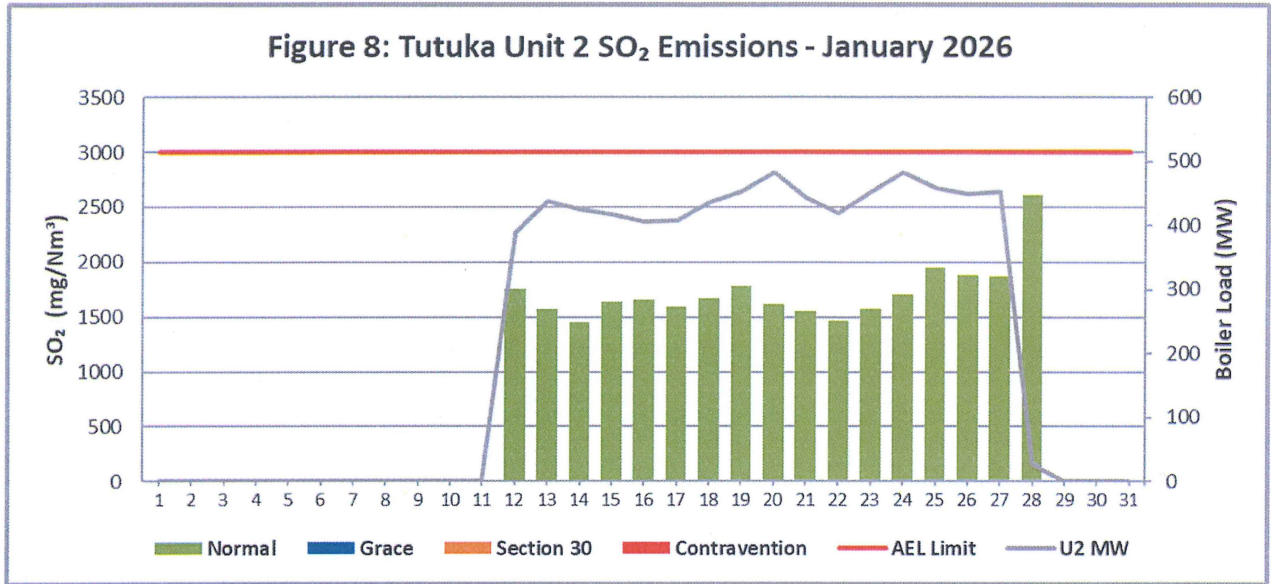
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5.2 Sox Daily Averages

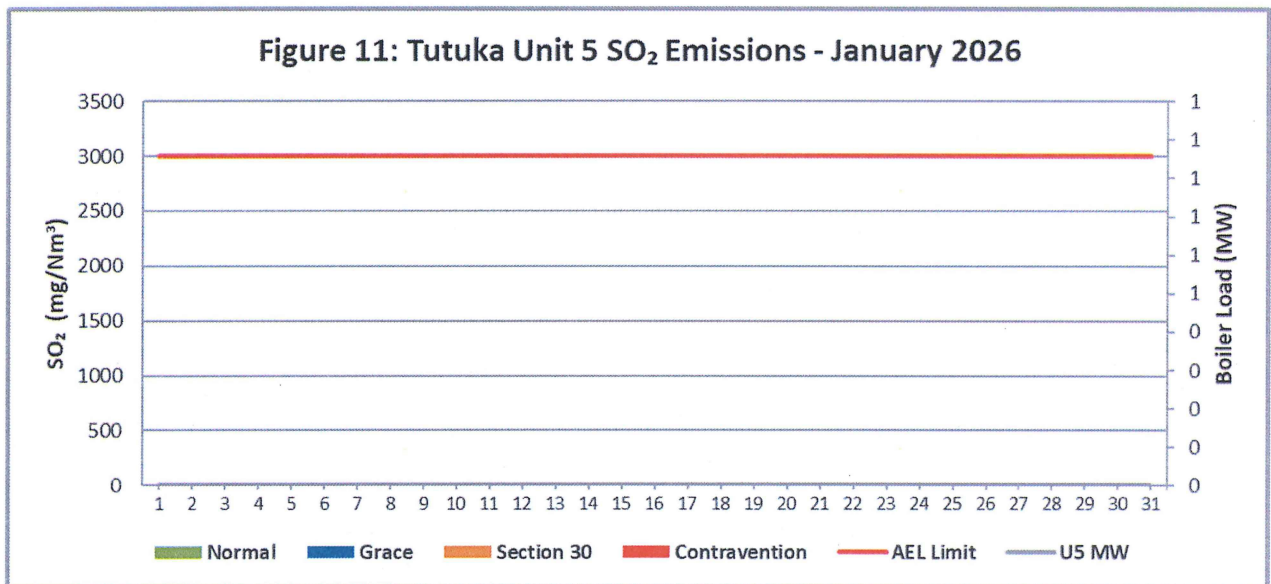
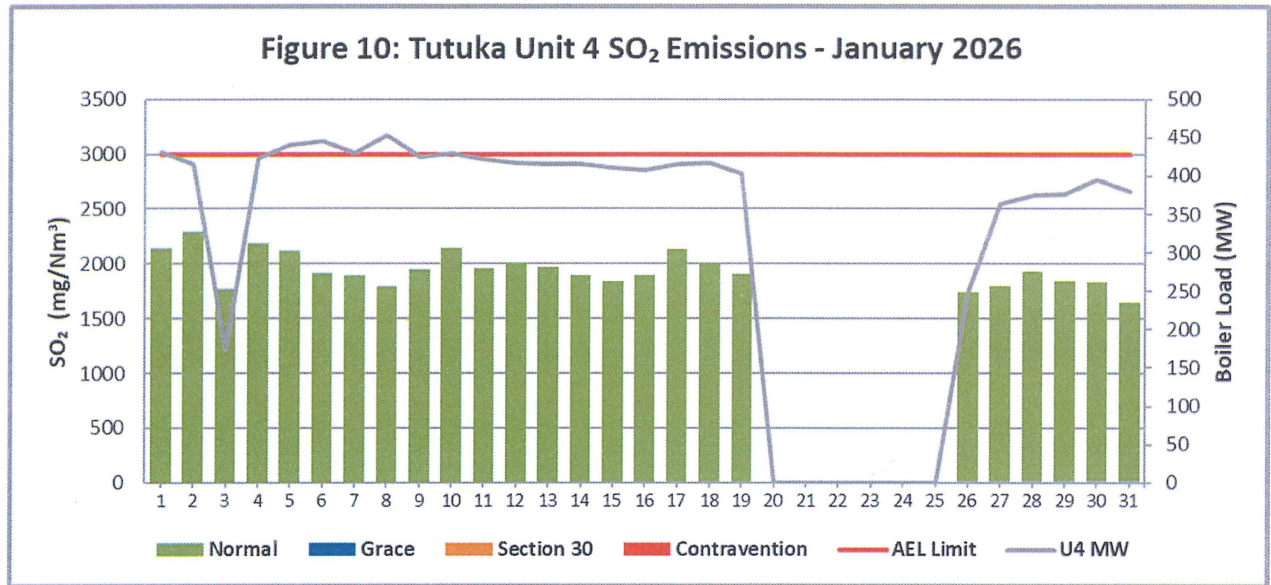


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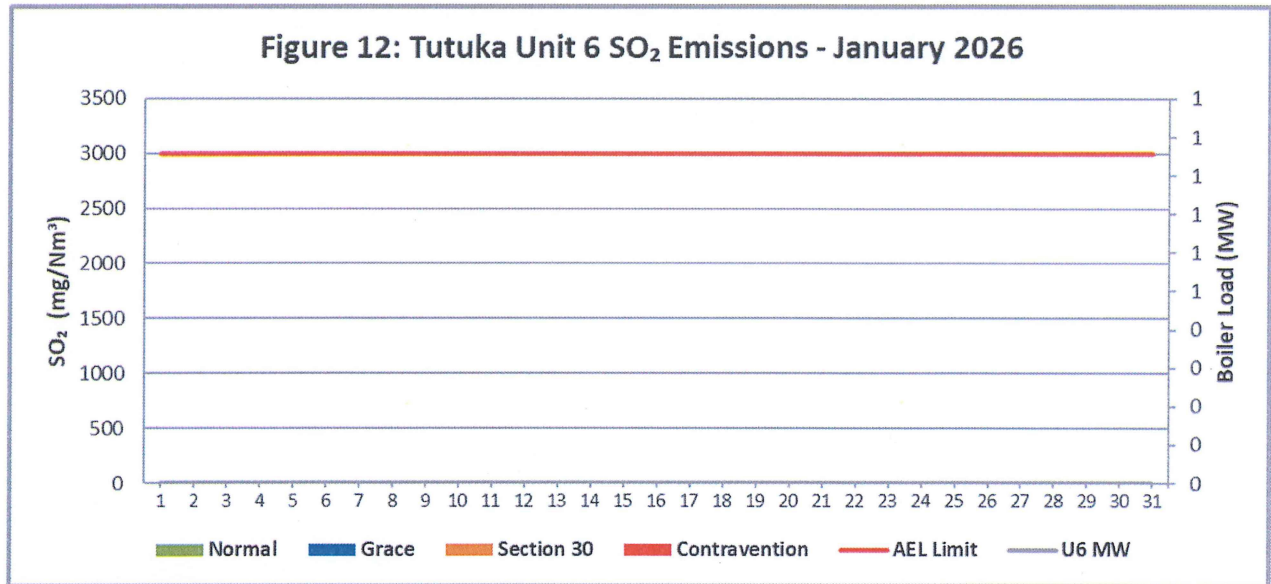
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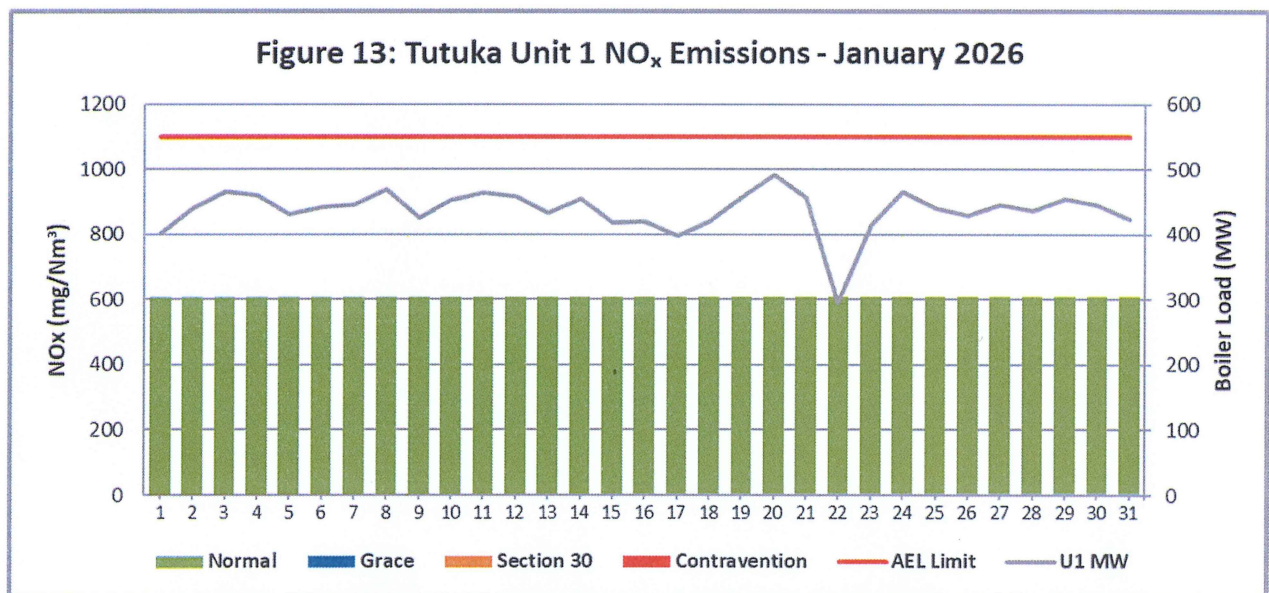


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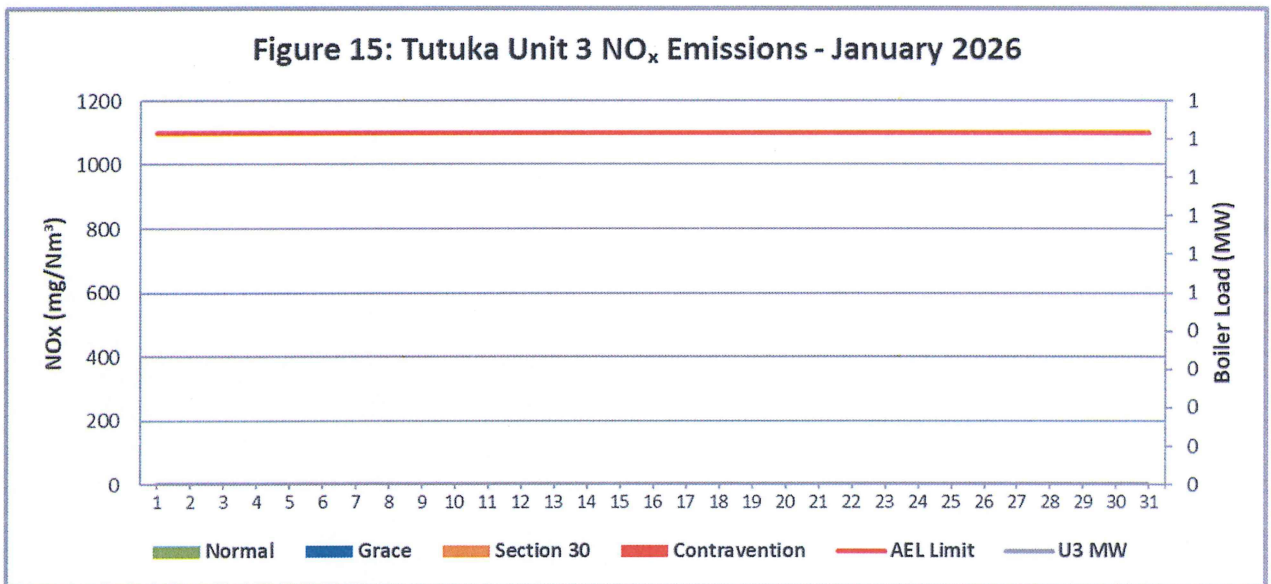
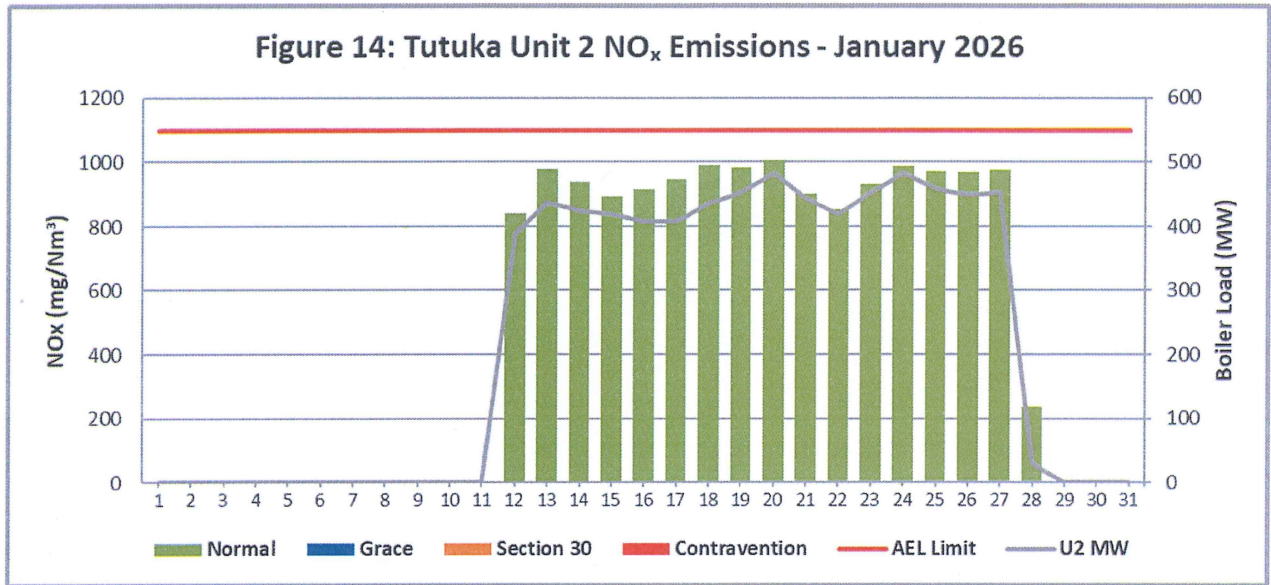
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5.3 NO_x Daily Averages

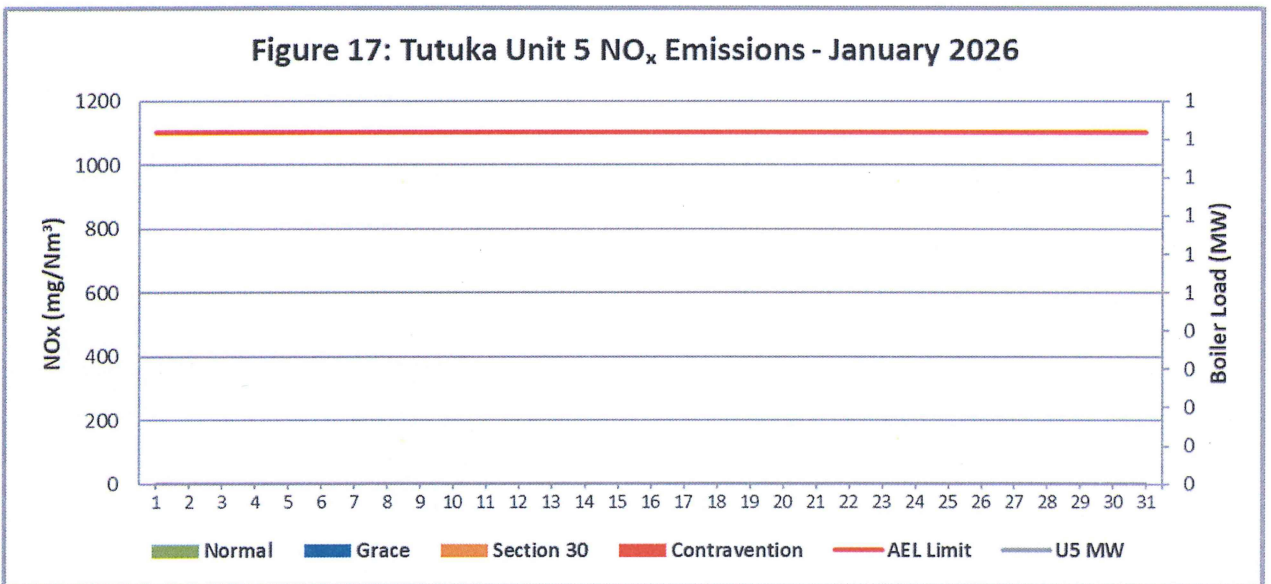
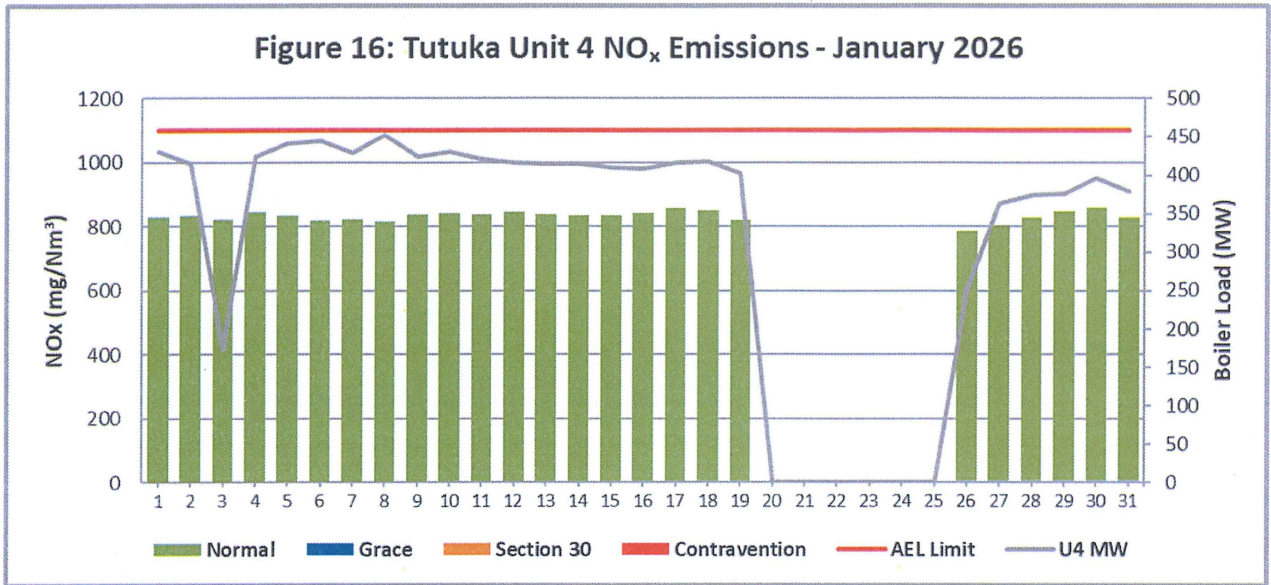


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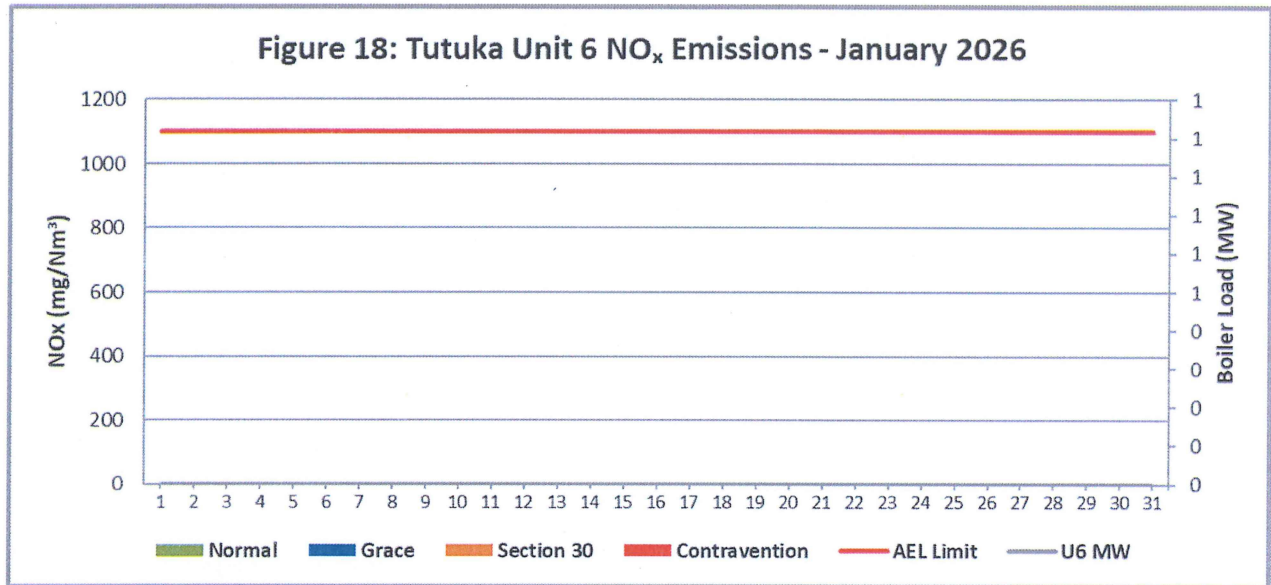


Table 5-Monthly Tonnages for 01/2026

Associated Unit/Stack	PM	SO ₂	NO ₂
Unit 1	200.5	3 188	1 004
Unit 2	101.9	803	456
Unit 3	Off	Off	Off
Unit 4	189.0	2 992	1 276
Unit 5	Off	Off	Off
Unit 6	Off	Off	Off
SUM	491.45	6 984	2 736

Table 6-Monthly Averages Concentration for 01/2026 in mg/Nm³

Associated Unit/Stack	PM	SO ₂	NO ₂
Unit 1	129.7	1 914.2	608.9
Unit 2	226.2	1 725.9	900.5
Unit 3	Off	Off	Off
Unit 4	136.8	1 944.2	832.9
Unit 5	Off	Off	Off
Unit 6	Off	Off	Off

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6. Continuous Emissions Monitoring System (CEMS)

Table 7- Periods during which was inoperative/malfunctioning.

Date	CEMS status	Comments
January 2026		New Monitors were installed for all the Units from October 2025. The station has not yet implemented parallel test curves. Unity factors were used and data from the old monitors was retained in producing the report. However, where necessary surrogate values from the previous QAL2 were used.

Table 8-CEMS Monitor Reliability Percentage

Associated Unit/Stack	PM	SO ₂	NO ₂	O ₂
Unit 1	0.0	100.0	100.0	0.0
Unit 2	0.0	100.0	100.0	100.0
Unit 3	Off	Off	Off	Off
Unit 4	0.0	93.8	0.0	85.1
Unit 5	Off	Off	Off	Off
Unit 6	Off	Off	Off	Off

7. CEMS Calibration and Equipment Used for Calibration

Calibration certificates to be made available upon request.

Table 9-Complaints for the month of 01/2026

Source Code/ Name	Air pollution complaints received	Calculation of Impacts/ emissions associated with the incident	Date of complaint and date of response by the license holder	Action taken to resolve the complaint	Date when the action was implemented.

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