Eskom	Technical and Generic Report	Matimba Power Station

Title: **Matimba Power Station March 2026 emissions report**

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1. Report Summary

Matimba Power Station was issued with an Atmospheric Emission License (H16/1/13-WDM05) in September 2022. The License requires the license holder to submit monthly reports to the licencing Authorities. This report contains the required information as specified in the license for March 2026.The information recorded in the report is obtained from Matimba Emission Reporting tool MTB0925ERT.

During the period under review, Matimba experienced thirty-three (33) exceedances of the daily particulate matter emission limit (50mg/Nm^3) ,twenty one of those exceedances occurred within the 48-hour grace period and 12 occurred out of the 48 hours startup/upset conditions grace period.

There were no exceedances of the monthly SOx limit (3500mg/Nm^3) and the daily NOx emission limit (750mg/Nm^3).

Flue gas conditioning plant availability was above 90% for unit 1,3,4 and unit 6. All units SO3 plant availability was below 100% due to plants on hold when running with low load and defects experienced on the plant. Unit 2 availability was 87% due to plant on permit to work for multiple defects repairs on from the 22 March 2026 to 27 March 2026.

The consumption rates for fuel oil for the month of March2026 exceeded the limit of 1200 tons by 1836.90 tons due to multiple units' light ups on unit 3 and 4.

More information regarding above mentioned issues is provided in the relevant sections within the report.

2. Emission information

2.1 Raw materials and products

Table 1: Quantity of Raw Materials and Products used/produced for the month.

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption Rate (Quantity)	Consumption Rate
	Coal	Tons/month	1 500 000	807 578.00
	Fuel Oil	Tons/month	1 200	1836.90
Production Rates	**Product/ By-Product Name**	**Unit**	**Maximum Production Capacity Permitted (Quantity)**	**Production Rate**
	Energy	MW	4000	1 463.31
	Ash	Tons/month	547500	250106.91

- The consumption rates for fuel oil for the month of March 2026 exceeded the permitted maximum limits due to Unit 3 and unit 4 multiple light ups.

2.2 Abatement technology

Table 2: Abatement Equipment Control Technology Utilised

Associated Unit	Technology Type	Minimum utilisation (%)	Efficiency (%)
Unit 1	Electrostatic Precipitator	100%	99.63%
Unit 2	Electrostatic Precipitator	100%	99.75%
Unit 3	Electrostatic Precipitator	100%	99.95%
Unit 4	Electrostatic Precipitator	100%	99.90%
Unit 5	Electrostatic Precipitator	100%	Off-line
Unit 6	Electrostatic Precipitator	100%	99.84%
Associated Unit	**Technology Type**	**Minimum utilisation (%)**	**Actual Utilisation (%)**
Unit 1	SO_3 Plant	100%	99%
Unit 2	SO_3 Plant	100%	87%
Unit 3	SO_3 Plant	100%	90%
Unit 4	SO_3 Plant	100%	94%
Unit 5	SO_3 Plant	100%	Unit Off-line
Unit 6	SO_3 Plant	100%	99%

Flue gas conditioning plant availability was above 90% for unit 1,3,4 and unit 6. All units SO3 plant availability was below 100% due to plants on hold when running with low load and defects experienced on the plant. Unit 2 availability was 87% due to plant on permit to work for multiple defects repairs on from the 22 March 2026 to 27 March 2026.

Table 3: Energy Source Material Characteristics.

	Characteristic	Stipulated Range (Unit)	Monthly Average Content
Coal burned	**Sulphur Content**	1.6%	1.24%
	Ash Content	40%	30.97%

Energy source characteristics remained within the ranges stipulated in the license.

2.3 Emissions reporting

2.3.1 Particulate Matter Emissions

The emission monitors correlation and parallel tests were performed on unit 2,3 and 4 in June 2024 and the curves were applied on emissions calculations for March 2026.Unit 5 emission calculations were done using the correlation/parallel tests curves from the spot test performed in August 2023. Unit 1 and 6 emission calculations were done using the correlation/parallel tests curves performed in July 2025.Unit 2 PM correlation curve applied is linear curve, Unit 1,3 ,4 and 6 PM correlation curve applied are polynomial curve.

Unit 1 Particulate Emissions

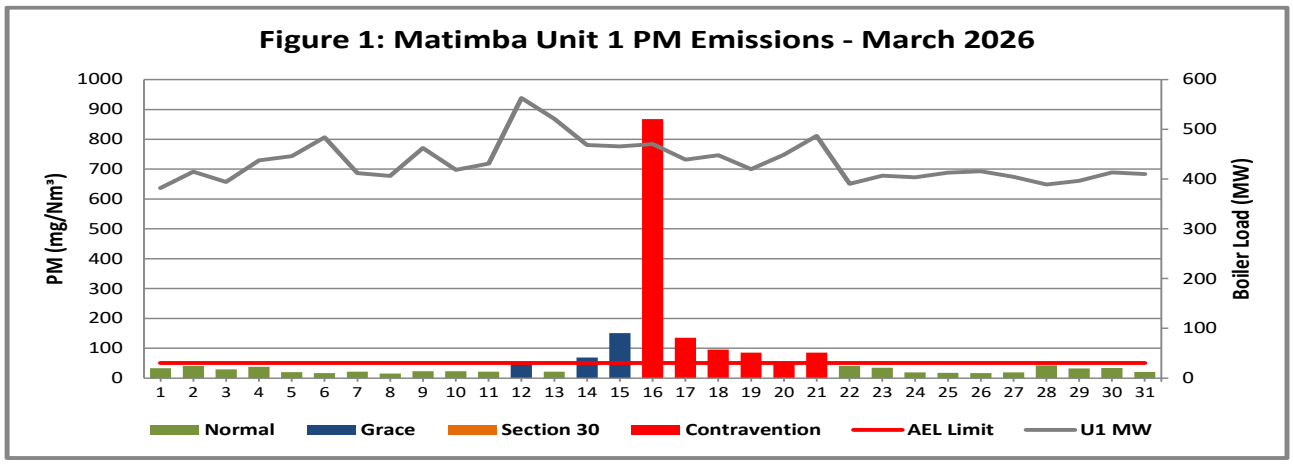

Figure 1: Particulate matter daily average emissions against emission limit for unit 1 for the month of March2026

Interpretation: Unit 1 daily particulate emission exceeded the daily particulate emission limit of 50 mg/Nm3 on 12 and 14 to 21 March 2026. The exceedance was identified after the implementation of the polynomial correlation curve on the unit, which were tested in August 2025.The exceedance will be recorded and managed as per Eskom incident management process.

Unit 2 Particulate Emissions

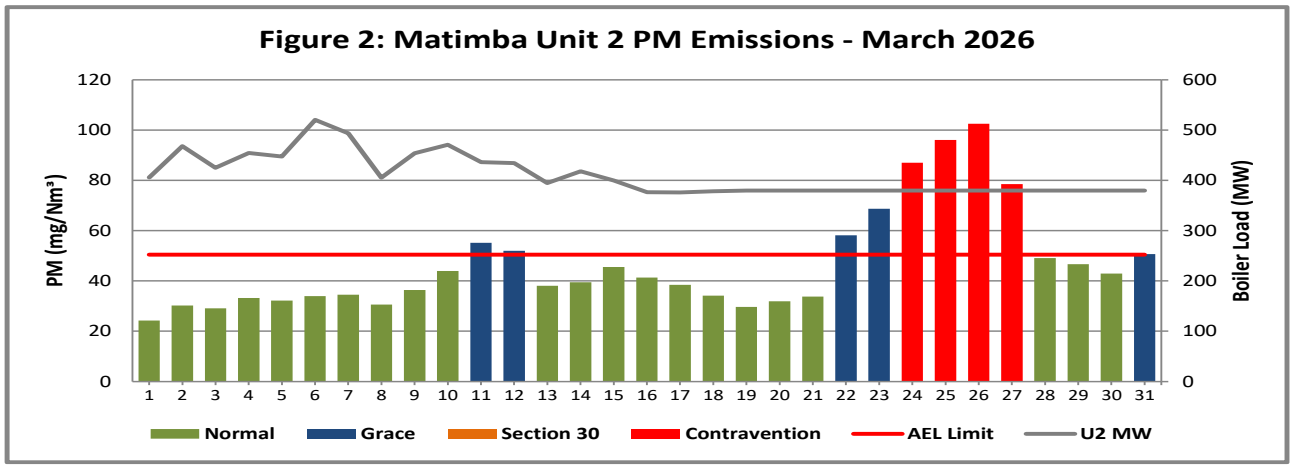

Figure 2: Particulate matter daily average emissions against emission limit for unit 2 for the month of March2026

Interpretation: Unit 2 exceeded the daily particulate emission limit of 50 mg/Nm^3 on 11 to 12 due to the ash backlog experience because of ash conveyance plant defect, the plant was fixed and returned to service on the 12 March 2026 and emissions recovered on the 13 March. The unit exceeded the daily limit again on 22 to 27 of March 2026 due to multiple defects experienced on the Sulphur plant, the plant was put on permit to work for the repairs during the period and return to service on 26/03/2026 and emissions recovered on the 28 March 2026.

Unit 3 Particulate Emissions

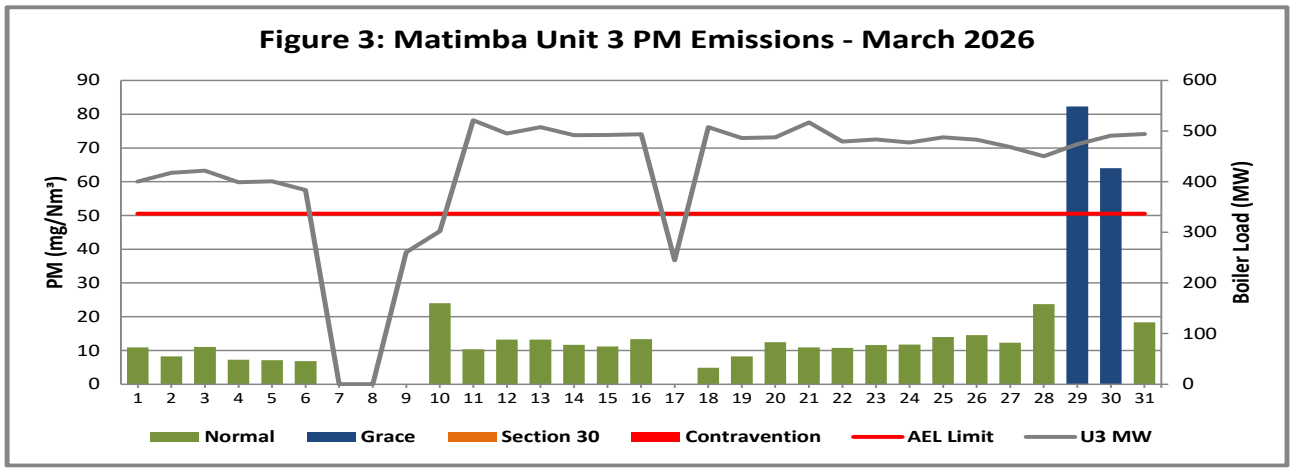

Figure 3: Particulate matter daily average emissions against emission limit for unit 3 for the month of March2026

Interpretation: Unit 3 exceeded the daily particulate emission limit of 50 mg/Nm3 on the 29 to 30 March 2026 due to the defects experienced on the SO3 plant. The SO3 plant was fixed, and both exceedances remain within the 48-hour grace period. The unit was taken down for maintenance on the 07 March 2026 and returned to service on the 08 March 2026, the unit also tripped on the 17 March 2026 and returned to service the same day. The PM emissions are measured 24 hours after unit startup as per the Atmospheric Emission License, which is the reason for not having a value on the 09 and 17 March 2026.

Unit 4 Particulate Emissions

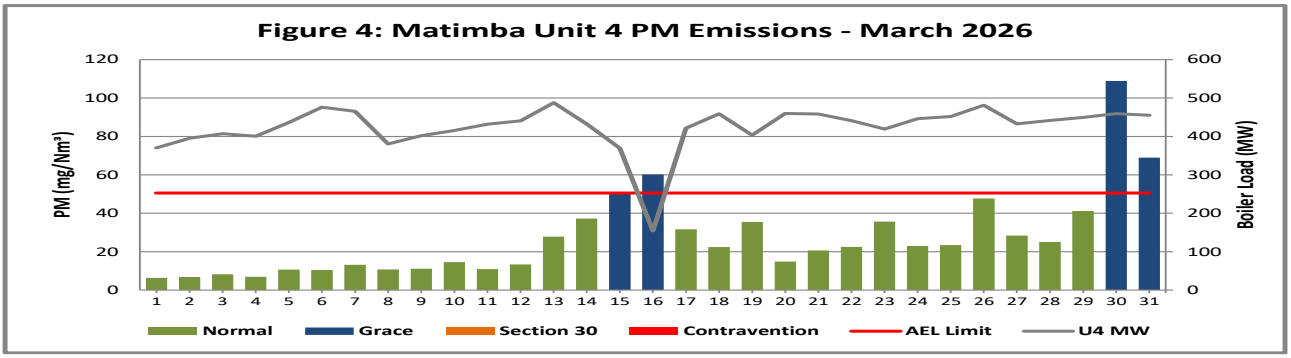

Figure 4: Particulate matter daily average emissions against emission limit for unit 4 for the month of March2026

Interpretation: Unit 4 exceeded the daily particulate emission limit of 50 mg/Nm3 on 15 and 16 of March 2026 due to the SO3 on hold mode because the unit was operating at very low load .The unit 4 also exceeded the daily particulate emission limit of 50 mg/Nm3 on 30 and 31 of March 2026 due the defects experienced on the SO3 plant on hold due to LH Precip inlet temp reading low. The defect was repaired and plant return to service on 31/03/2026 and emissions recovered on the 01April 2026.

Unit 5 Particulate Emissions

Unit on outage

Unit 6 Particulate Emissions

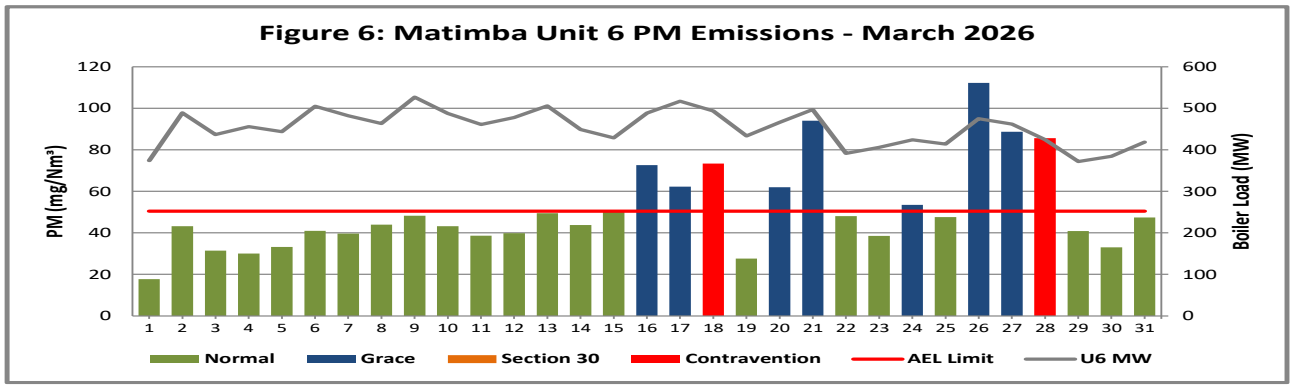

Figure 5: Particulate matter daily average emissions against emission limit for unit 6 for the month of March2026

Interpretation: Unit 6 daily particulate emission exceeded the daily particulate emission limit of 50 mg/Nm3 on 16-18,20-21,24 and 26-28 March 2026. The exceedance was identified after the implementation of the polynomial correlation curve on the unit, which were tested in August 2025.The exceedance will be recorded and managed as per Eskom incident management process.

2.3.2 Gaseous Emissions

Gaseous emissions analyzers calibration for all 6 units were performed in March 2026 as per the Eskom emission standard requirement.

The quality assurance tests (QAL2) used for March 2026 emission calculations were performed in June 2024 for Unit 2,3 and 4. Unit 5 quality assurance curves utilized are spot tests performed in August 2023.Unit 1 and 6 curves were performed in September and October 2025.

2.3.2.a SOx Emissions

Unit 1 SO_2 Emissions

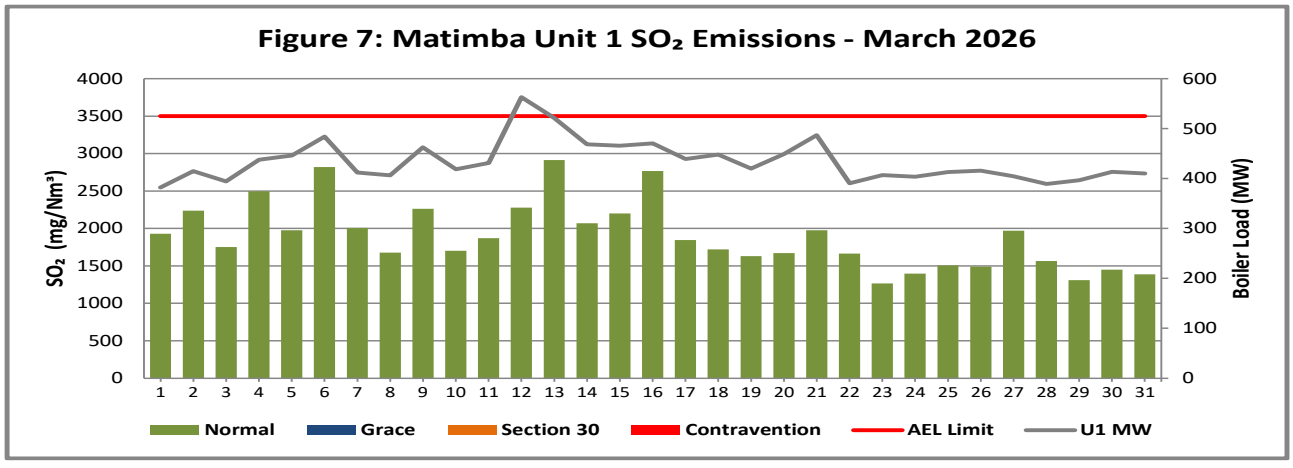

Figure 6: SO2 daily average emissions against emission limit for unit 1 for the month of March2026

Interpretation: All daily averages below SO_2 emission monthly limit of 3500 mg/Nm^3.

Unit 2 SO_2 Emissions

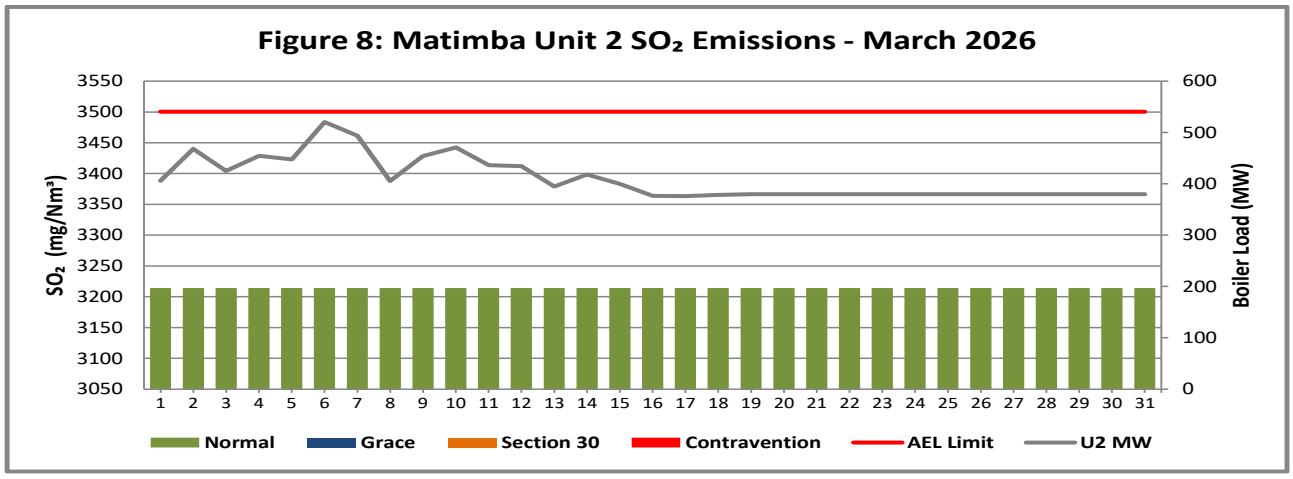

Figure 7: SO2 daily average emissions against emission limit for unit 2 for the month of March2026

Interpretation: All daily averages below SO_2 emission monthly limit of 3500 mg/Nm^3. SRM (Standard Reference Measurements) from the QAL 2 tests report for all the gaseous parameters were used to calculate the SO_2 gaseous emissions for unit 2 in March 2026 due to defective monitor.

Unit 3 SO_2 Emissions

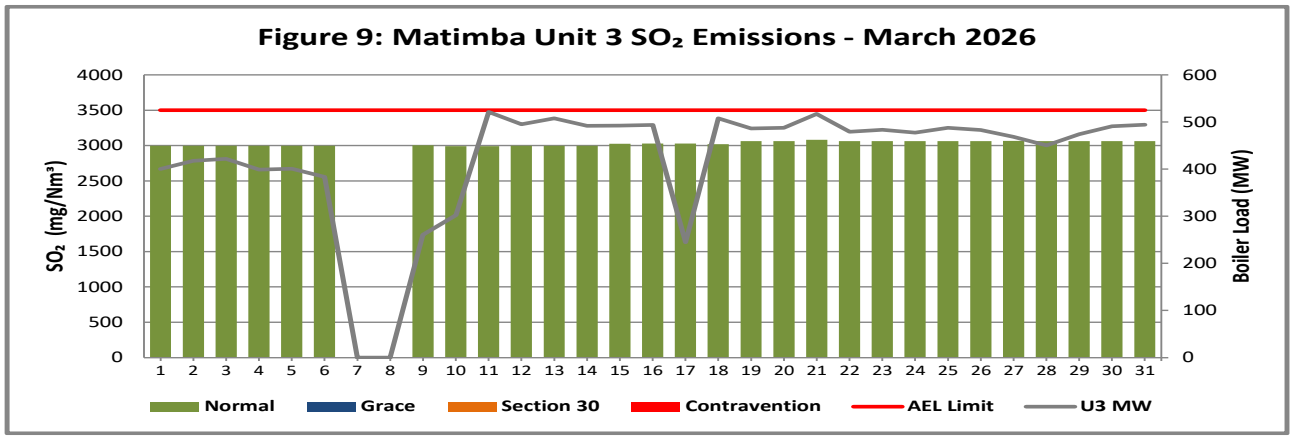

Figure 8: SO2 daily average emissions against emission limit for unit 3 for the month of March2026

Interpretation: All daily averages below SO_2 emission monthly limit of 3500 mg/Nm^3.SRM (Standard Reference Measurements) for all the gaseous parameters were used to calculate the SO_2 gaseous emissions for unit 3 in March2026 due to defective monitor.

Unit 4 SO_2 Emissions

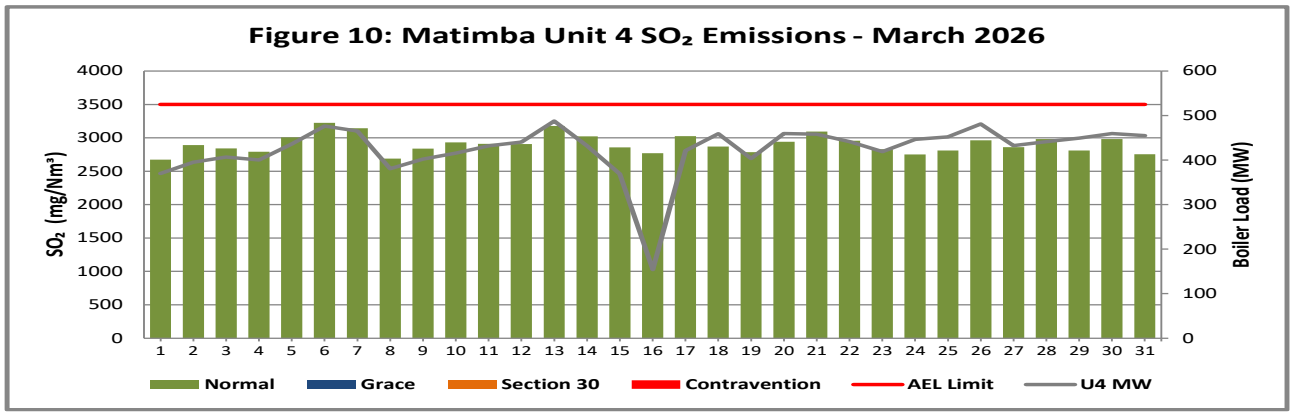

Figure 9: SO2 daily average emissions against emission limit for unit 4 for the month of March2026

Interpretation: All daily averages below SO_2 emission monthly limit of 3500 mg/Nm^3.

Unit 5 SO_2 Emissions

Unit on outage

Unit 6 SO_2 Emissions

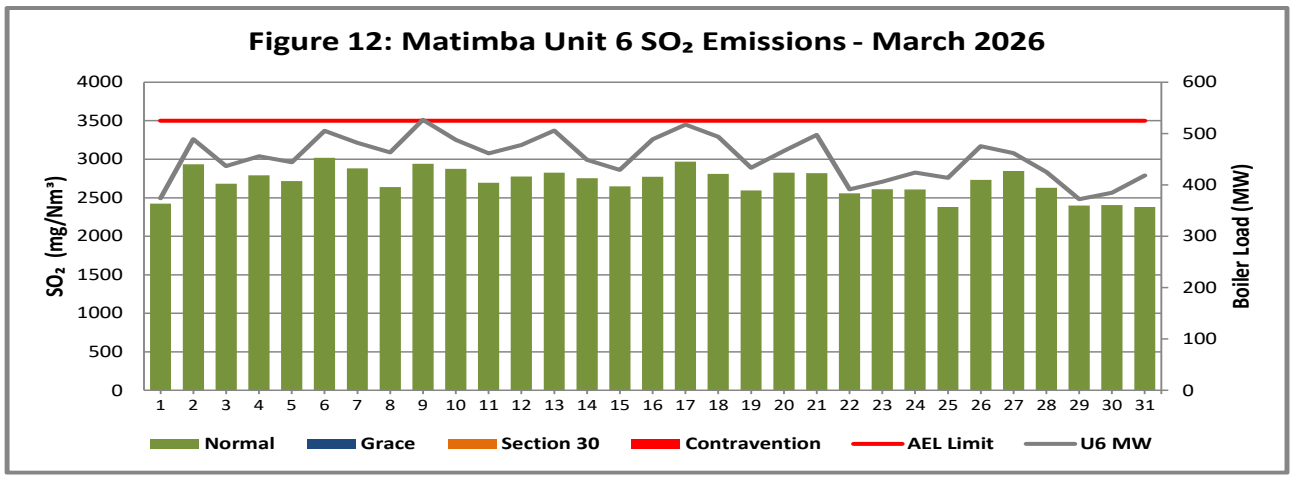

Figure 10: SO2 daily average emissions against emission limit for unit 6 for the month of March2026

Interpretation: All daily averages below SO_2 emission monthly limit of 3500 mg/Nm^3.

2.3.2.b NOx Emissions

Unit 1 NO_x Emissions

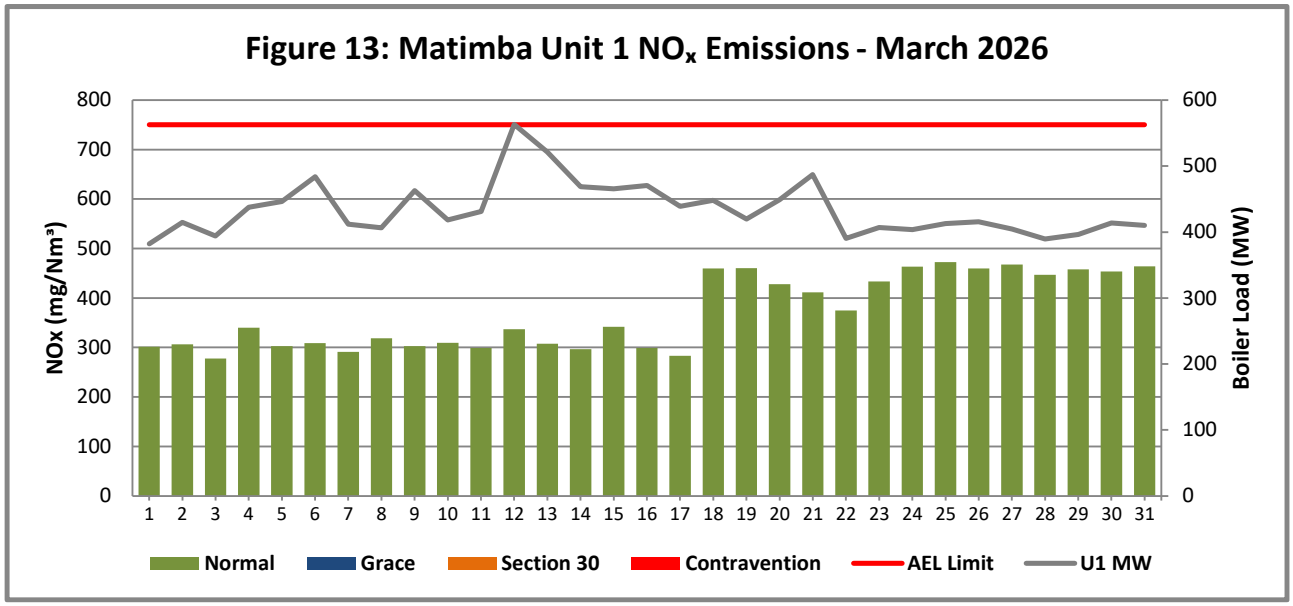

Figure 11: NOx daily average emissions against emission limit for unit 1 for the month of March2026

Interpretation: All daily averages below NOx emission limit of 750 mg/Nm^3 .

Unit 2 NO_x Emissions

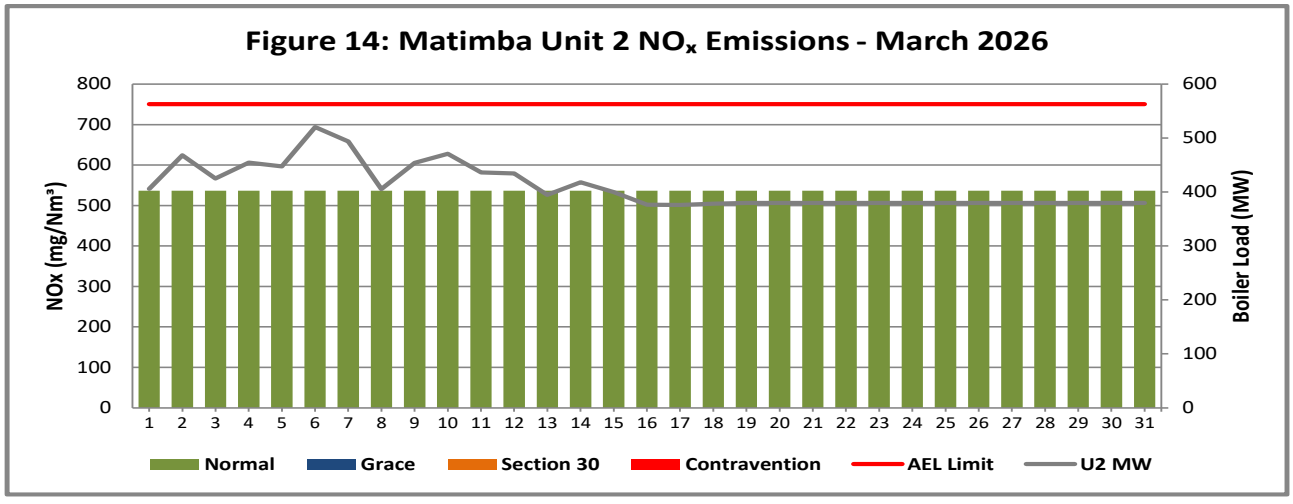

Figure 12: NOx daily average emissions against emission limit for unit 2 for the month of March2026

Interpretation: All daily averages below Nox emission monthly limit of 750 mg/Nm^3. SRM (Standard Reference Measurements) from the QAL 2 tests report for all the gaseous parameters were used to calculate the NOx gaseous emissions for unit 2 in March 2026 due to defective monitor.

Unit 3 NO_x Emissions

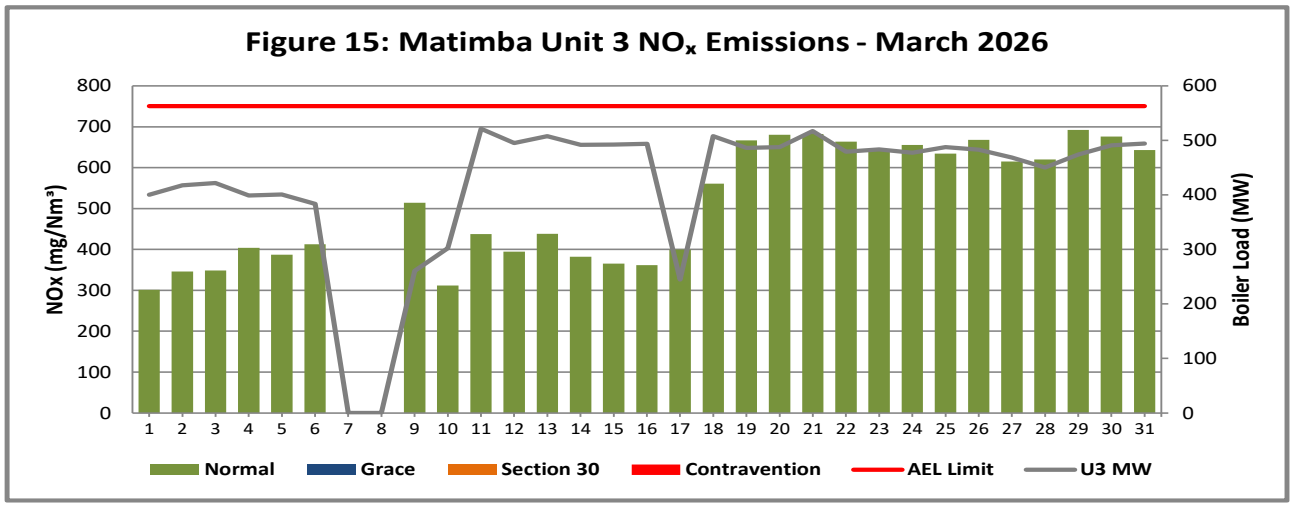

Figure 13: NOx daily average emissions against emission limit for unit 3 for the month of March2026

Interpretation: All daily averages below Nox emission monthly limit of 750 mg/Nm^3.

Unit 4 NO_x Emissions

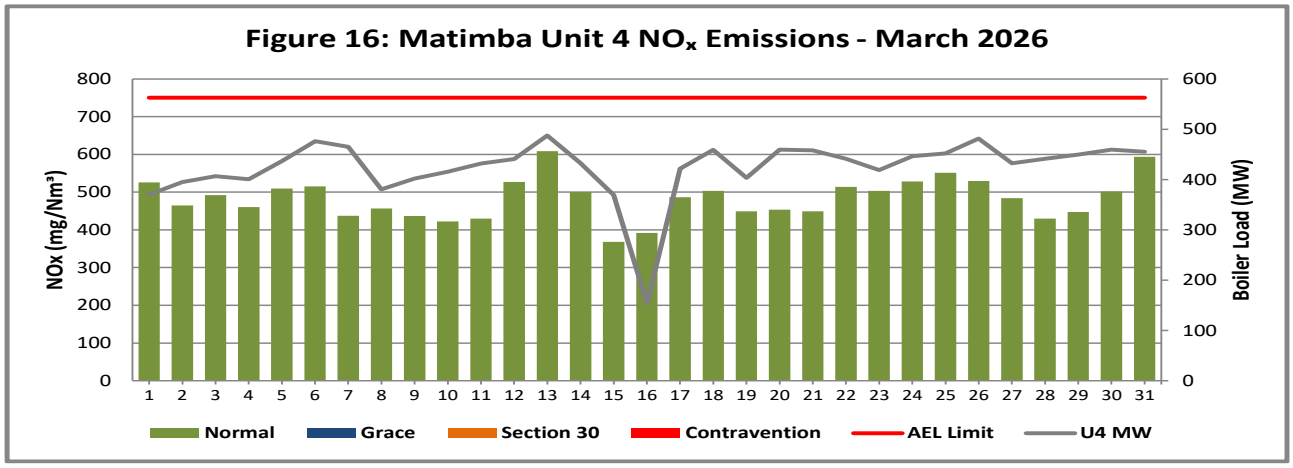

Figure 14: NOx daily average emissions against emission limit for unit 4 for the month of March 2026

Interpretation: All daily averages below NOx emission limit of 750 mg/Nm^3.

Unit 5 NO_x Emissions

Unit on outage

Unit 6 NO_x Emissions

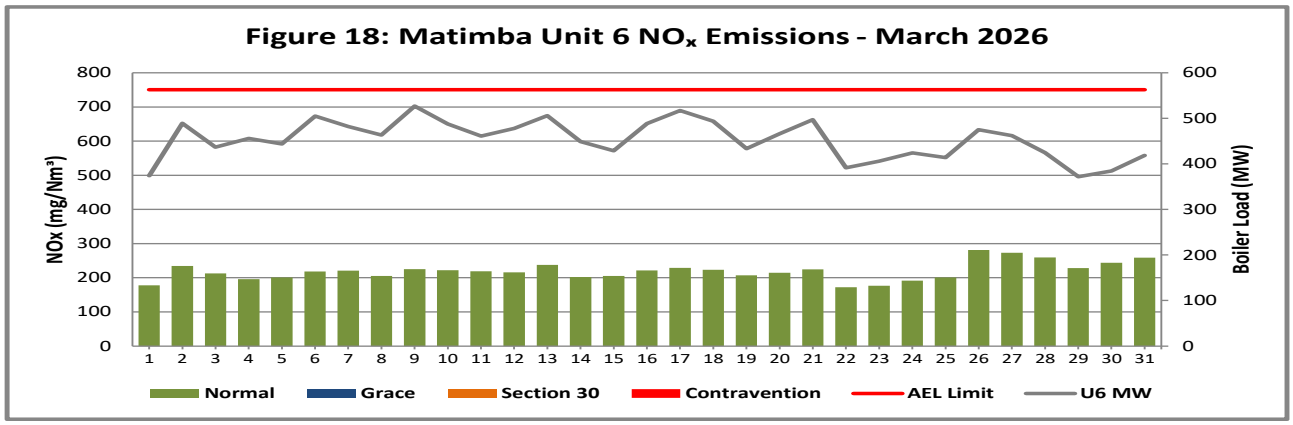

Figure 15: NOx daily average emissions against emission limit for unit 6 for the month of March 2026

Interpretation: All daily averages below NOx emission limit of 750 mg/Nm^3.

2.3.3 Total Volatile Organic Compounds

Table 4: Total volatile compound estimates

Eskom

CALCULATION OF EMISSIONS OF TOTAL VOLATILE COMPOUNDS FROM FUEL OIL STORAGE TANKS*

Date:	Tuesday, 21 April 2026
Station:	Matimba Power Station
Province:	Limpopo Province
Tank no.	1-4
Description:	Outdoor fuel oil storage tank
Tank Type:	Vertical fixed roof (vented to atmosphere)
Material stored:	Fuel Oil 150

MONTHLY INPUT DATA FOR THE STATION

Please only insert relevant monthly data inputs into the *blue cells* below
Choose from a dropdown menu in the *green cells*
The total VOC emissions for the month are in the *red cells*

IMPORTANT: Do not change ***any*** other cells without consulting the AQ CoE

MONTH:	**September**	
GENERAL INFORMATION:	**Data**	**Unit**
Total number of fuel oil tanks:	4	NA
Height of tank:	13.34	m
Diameter of tank:	9.53	m
Net fuel oil throughput for the month:	***1836.900***	
Molecular weight of the fuel oil:	166.00	Lb/lb-mole
METEROLOGICAL DATA FOR THE MONTH	**Data**	**Unit**
Daily average ambient temperature	23.43	°C
Daily maximum ambient temperature	31.06	°C
Daily minimum ambient temperature	16.52	°C
Daily ambient temperature range	14.54	°C
Daily total insolation factor	4.41	kWh/m²/day
Tank paint colour	***Grey/medium***	NA
Tank paint solar absorbtance	0.68	NA
FINAL OUTPUT:	**Result**	**Unit**
Breathing losses:	0.54	kg/month
Working losses:	0.05	kg/month
TOTAL LOSSES (Total TVOC Emissions for the month):	**0.60**	**kg/month**

*Calculations performed on this spreadsheet are taken from the USEPA AP-42- Section 7.1 Organic Liquid Storage Tanks - January 1996. This spreadsheet is derived from materials provided by Jimmy Peress, PE, Tritech Consulting Engineers, 85-93 Chevy Chase Street, Jamaica, NY 11432 USA, Tel - 718-454-3920, Fax - 718-454-6330, e-mail - PeressJ@nyc.rr.com.

2.3.4 Greenhouse gas (CO_2) emissions

CO_2 emissions are reported in terms of the Greenhouse gas reporting regulations (GN 43712, GNR. 994/2020) and are not included in the monthly AEL compliance report.

2.4 Daily power generated.

Table 5: Daily power generated per unit in MWh for the month of March2026

Date	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
2026/03/01	8042.56	8589.85	8627.11	7982.17	0	7976.8
2026/03/02	8795.32	9968.29	9022.37	8541.34	0	10534.8
2026/03/03	8345.48	9007.29	9115.25	8783.66	0	9373.52
2026/03/04	9368.16	9640.87	8577.51	8661.65	0	9799.73
2026/03/05	9536.08	9482.89	8624.17	9491.96	0	9521.15
2026/03/06	10408.1	11170.1	8274.13	10400.4	0	10891.2
2026/03/07	8799.73	10590.7	0	10150.7	0	10388.7
2026/03/08	8666.35	8617.29	0	8240.64	0	9956.16
2026/03/09	9955.95	9704.64	5375.17	8720.55	0	11367.6
2026/03/10	8925.9	10071.5	6336.49	9018.85	0	10510.4
2026/03/11	9209.31	9308.9	11257.1	9386.28	0	9931.46
2026/03/12	12127.8	9290.63	10679.4	9573.66	0	10291.4
2026/03/13	11216.8	8386.04	10941.8	10592.6	0	10907
2026/03/14	10016.3	8912.67	10610.1	9365.01	0	9654.27
2026/03/15	9962.98	8477.77	10635.8	8000.42	0	9214.01
2026/03/16	10115.2	7927.37	10678.4	3039.68	0	10552.7
2026/03/17	9397.67	7935.05	4984.69	9149.1	0	11165.5
2026/03/18	9615.17	8232.89	10999.1	9997.54	0	10651.6
2026/03/19	8973.57	8416.23	10494.1	8694.53	0	9311.5
2026/03/20	9622.48	8463.58	10508.6	9986.81	0	10045.8
2026/03/21	10492.2	8718.43	11189.9	9967.93	0	10734.9
2026/03/22	8318.93	8489.53	10337.6	9576.84	0	8385.21
2026/03/23	8679.87	8095.92	10442.8	9060.21	0	8723.41
2026/03/24	8603.63	8105.94	10317.1	9717.14	0	9115.09
2026/03/25	8825.82	8135.77	10535.8	9837.69	0	8864.6
2026/03/26	8893.11	8298.42	10423.6	10458.3	0	10233
2026/03/27	8647.04	8310.75	10093.2	9382.45	0	9942.57
2026/03/28	8295.66	8172.5	9715.25	9619.7	0	9117.44
2026/03/29	8436.74	8066.14	10244.5	9775.53	0	7942.93
2026/03/30	8822.84	8104.25	10600.7	9998.9	0	8232.56
2026/03/31	8735.9	8239.32	10670.7	9913.86	0	8981.38

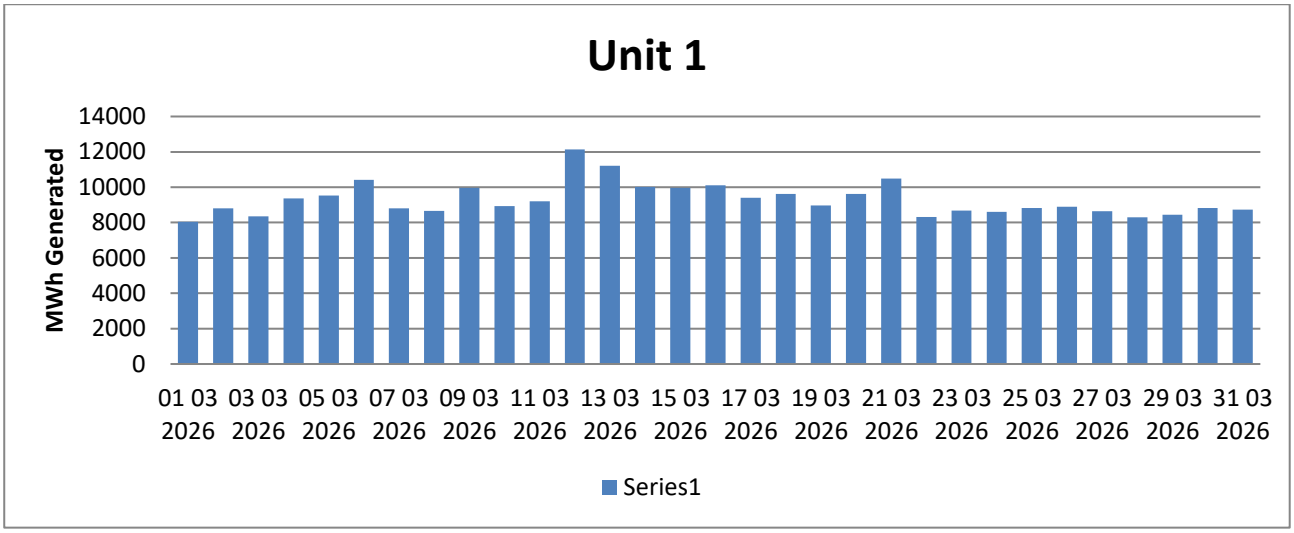

Figure 16: Unit 1 daily generated power in MWh for the month of March 2026

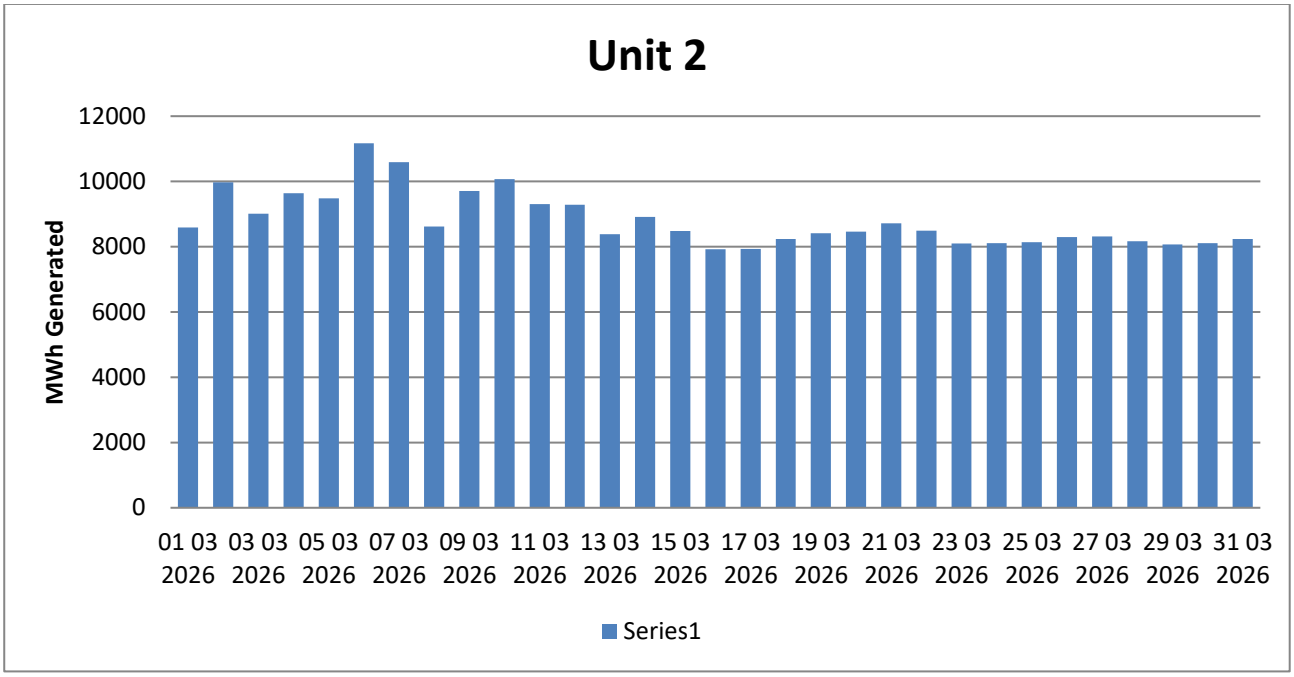

Figure 17: Unit 2 daily generated power in MWh for the month of March 2026

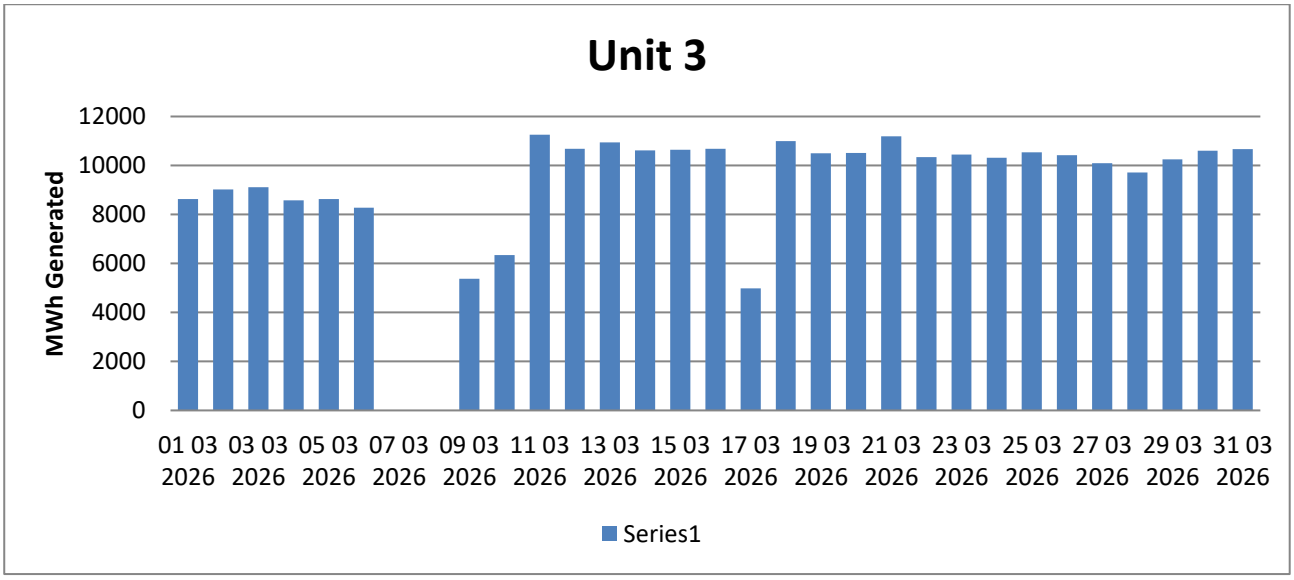

Figure 18: Unit 3 daily generated power in MWh for the month of March 2026

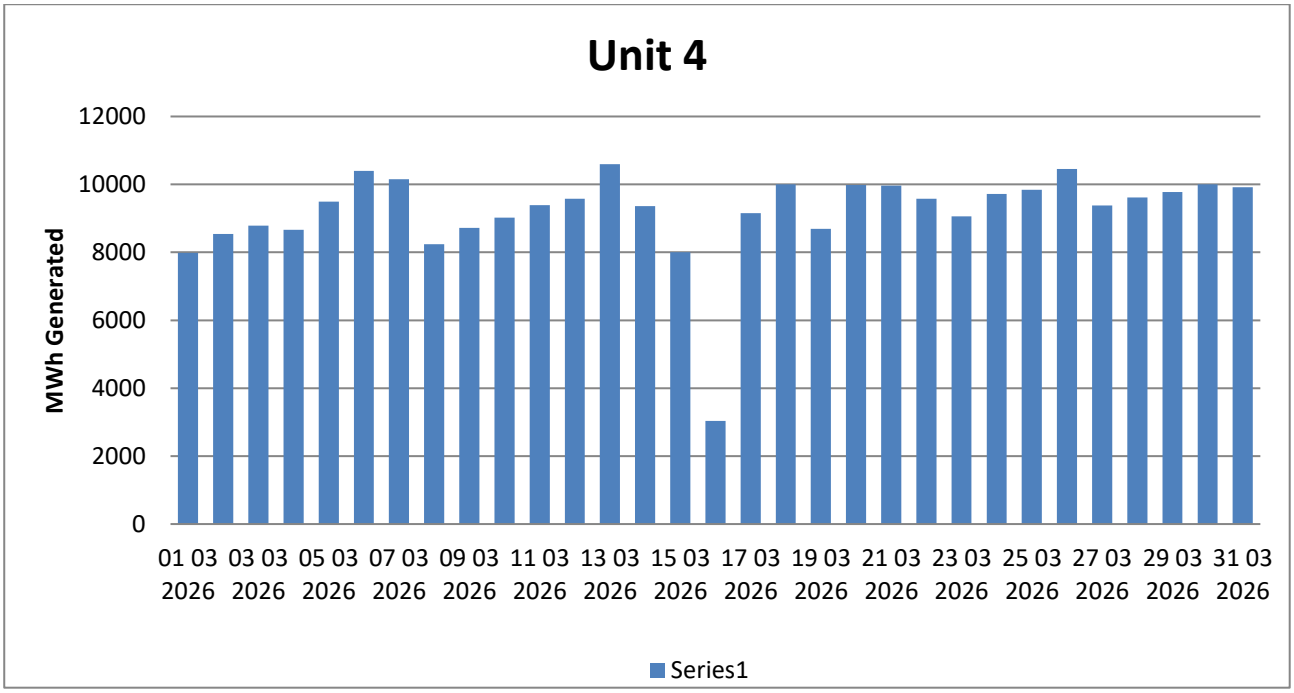

Figure 19: Unit 4 daily generated power in MWh for the month of March 2026

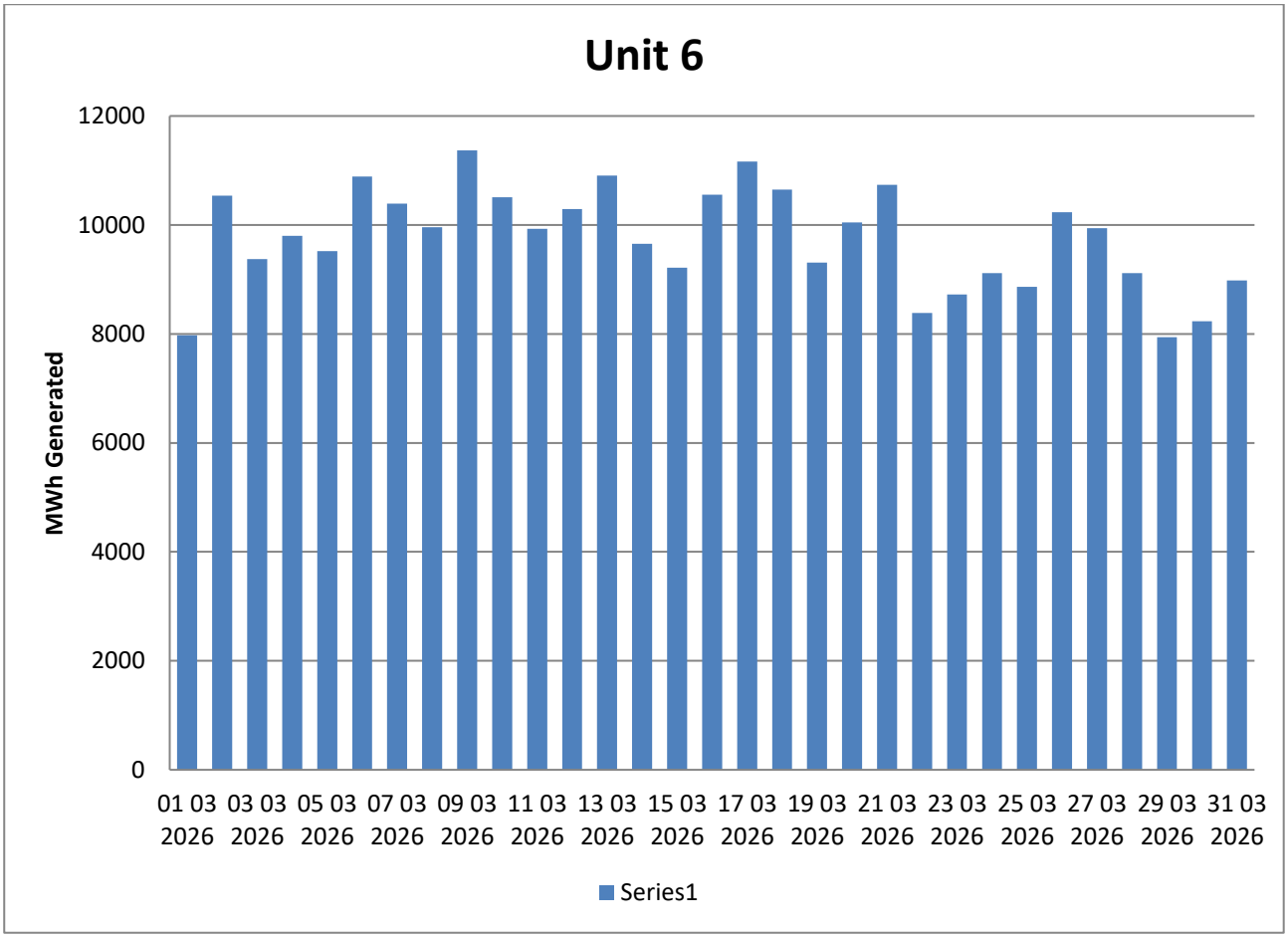

Figure 20: Unit 6 daily generated power in MWh for the month of March 2026

2.5 Pollutant Tonnages

The emitted pollutant tonnages for March 2026 are provided in table 6.

Table 6: Pollutant tonnages for the month of March 2026

Associated Unit/Stack	PM (tons)	SO2 (tons)	NOx (tons)
Unit 1	164.6	4 096	742
Unit 2	112.0	7 703	1 286
Unit 3	19.6	3 939	676
Unit 4	45.1	5 335	890
Unit 5	Off	Off	Off
Unit 6	76.3	3 981	322
SUM	417.66	25 054	3 916

2.6 Operating days in compliance to PM AEL Limit

Table 7: Operating days in compliance with PM AEL limit of March 2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Avg (mg/Nm³)
Unit 1	22	3	0	6	9	70.2
Unit 2	22	5	0	4	9	46.7
Unit 3	25	2	0	0	2	16.6
Unit 4	27	4	0	0	4	27.4
Unit 5	Off	Off	Off	Off	Off	Off
Unit 6	22	7	0	2	9	51.0
SUM	**118**	**21**	**0**	**12**	**33**	

2.7 Operating days in compliance to SOx AEL Limit

Table 8: Operating days in compliance with SOx AEL limit of March 2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Limit Value	Mnth Avg (mg/Nm³)
Unit 1	31	0	0	0	0	3500	1 897.1
Unit 2	31	0	0	0	0	3500	3 214.1
Unit 3	29	0	0	0	0	3500	3 030.5
Unit 4	31	0	0	0	0	3500	2 906.4
Unit 5	Off	Off	Off	Off	Off	3500	Off
Unit 6	31	0	0	0	0	3500	2 707.8
SUM	**153**	**0**	**0**	**0**	**0**		

2.8 Operating days in compliance to NOx AEL Limit

Table 9: Operating days in compliance with NOx AEL limit ofMarch2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Avg (mg/Nm³)
Unit 1	31	0	0	0	0	370.3
Unit 2	31	0	0	0	0	536.4
Unit 3	29	0	0	0	0	514.1
Unit 4	31	0	0	0	0	483.0
Unit 5	Off	Off	Off	Off	Off	Off
Unit 6	31	0	0	0	0	219.3
SUM	**153**	**0**	**0**	**0**	**0**	

2.9 Continuous Emission Monitors

Table 10: Monitor reliability percentage (%)

Associated Unit/Stack	PM	SO_2	NO	O_2
Unit 1	100.0	100.0	93.4	100.0
Unit 2	100.0	100.0	100.0	100.0
Unit 3	90.6	100.0	95.4	100.0
Unit 4	98.3	100.0	100.0	100.0
Unit 5	Off	Off	Off	Off
Unit 6	100.0	99.9	99.2	100.0

Note: NO_x emissions are measured as NO in PPM. The final NO_x value is expressed as total NO_2 equivalent.

Comments:

Unit 2 and 3 gaseous monitor reliability was 100% due to the SRM (Standard Reference Material) values from the parallel test used to calculate the gaseous emissions for unit 2 and 3.

2.10.1 Changes, downtime, and repairs

Unit 1

- No adjustments done on the CEMs.
- No downtime or repairs done on the particulate monitors.

Unit 2

- No adjustments done on the CEMs.
- No downtime or repairs done on the particulate monitors.

Unit 3

- No adjustments done on the CEMs.
- No downtime or repairs done on the particulate monitors.

Unit 4

- No adjustments done on the CEMs.
- No downtime or repairs done on the particulate monitors.

Unit 5

- Unit off load.

Unit 6

- No adjustments done on the CEMs.
- Correlation test done in September 2025

2.10.2 Sampling dates and times

Table 11: Dates of last conducted CEMS Spot verification tests for PM, SO2 and NOx for unit 5.

Name of service provider:		Levego Environmental services		
Address of service provider:		Building R6 Pineland site Ardeer Road Modderfontein 1645		
Stack/ Unit	**PM**	**SO_2**	**NOx**	**CO_2**
5	2023/08/05 07:30	2023/08/05 07:30	2023/08/05 07:30	2023/08/05 07:30

Table 12: Dates of last full conducted CEMS verification tests for PM for unit 2, unit 3 and 4 only

Name of service provider:		Levego Environmental services		
Address of service provider:		Building R6 Pineland site Ardeer Road Modderfontein 1645		
Stack/ Unit	**PM**	**SO_2**	**NOx**	**CO_2**
2	2024/07/02 08h50	2024/07/02 12h35	2024/07/02 12h35	2024/07/02 12h35
3	2024/06/23 16h34	2024/06/23 14h00	2024/06/23 14h00	2024/06/23 14h00
4	2024/06/29 16h05	2024/06/29 11h00	2024/06/29 11h00	2024/06/29 11h00

Table 13: Dates of last full conducted CEMS verification tests for PM for unit 1 and 6 only

Name of service provider:		Inthuu Measurement		
Address of service provider:		2/410 Seventh Road Bredell Kepton park 1619		
Stack/ Unit	**PM**	**SO_2**	**NOx**	**CO_2**
1	2025/09/22 17:22	2025/08/16 16h21	2025/08/16 16h21	2025/08/16 16h21
6	2025/10/01 17h30	2025/08/13 16h26	2025/08/13 16h26	2025/08/13 16h26

2.10 Units Start-up information

Table 14: Start-up information

Unit	3	
Fires in	2026/03/10	15h47
Synchronization with Grid	2026/03/10	20h13
Emissions below limit	2026/03/10	22h00
Fires in, to synchronization	4.26	HOURS
Synchronization to < Emission limit	1.47	HOURS

Unit	3	
Fires in	2026/03/17	11h13
Synchronization with Grid	2026/03/17	14h33
Emissions below limit	2026/03/17	15h03
Fires in, to synchronization	3.20	HOURS
Synchronization to < Emission limit	0.27	HOURS

Unit	4	
Fires in	2026/03/16	16h50
Synchronization with Grid	2026/03/16	21h01
Emissions below limit	2026/03/17	04h03
Fires in, to synchronization	4.11	HOURS
Synchronization to < Emission limit	6.59	HOURS

Unit	4	
Fires in	2026/03/19	11h19
Synchronization with Grid	2026/03/19	13h23
Emissions below limit	2026/03/19	14h00
Fires in, to synchronization	2.4	HOURS
Synchronization to < Emission limit	0.37	HOURS

2.11 Emergency generation

Table 15: Emergency generation

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Emergency Generation hours declared by national Control	744	744	744	744	0	744
Emergency Hours declared including hours after standing down	744	744	666	727	0	744
Days over the Limit during Emergency Generation	9	9	2	4	0	9

During the period under review all Units were on emergency generation in force from 01 March 2026 until 31 March 2026.

2.12 Complaints register.

Table 16: Complaints

Source Code/ Name	Root Cause Analysis	Calculation of Impacts/ emissions associated with the incident	Dispersion modelling of pollutants where applicable	Measures implemented to prevent reoccurrence	Date by which measure will be implemented
None					

2.13 Air quality improvements and social responsibility conducted.

Air quality improvements

None

Social responsibility conducted.

None

2.14 Ambient air quality monitoring

The March 2026 ambient air quality monitoring report is attached to this report as an addendum.

2.15 Electrostatic precipitator and Sulphur plant status

Unit 1

- No issues on precipitators.
- The SO_3 plant operated normally with no abnormalities observed. Normal preventative maintenance done.

Unit 2

- Precipitator internal damage to be repaired during next opportunity.
- The SO_3 plant had one breakdown on C&I instrumentation that was corrected. Normal preventative maintenance done.

Unit 3

- No issues with precipitators.
- The SO_3 plant had one breakdown on C&I instrumentation that was corrected. Normal preventative maintenance done.

Unit 4

- No issues with precipitators.
- The SO_3 plant on hold due to low precip inlet temperatures. Normal preventative maintenance done.

Unit 5

- Unit on outage.

Unit 6

- Precipitator internal damage to be repaired during next opportunity.
- The SO_3 plant operated normally with no abnormalities observed. Normal preventative maintenance done.

SO_3 common plant

- The SO_3 common plant is operating normally with no abnormalities observed.

2.16 General

Name and reference number of the monitoring methods used:

1. Particulate and gas monitoring according to standards
    a. BS EN 14181:2004 - Quality Assurance of Automated Measuring Systems
    b. ESKOM internal standard 240-56242363 Emissions Monitoring and Reporting Standard

Sampling locations:

1. Stack one
    a. Particulates:
        i. S23º 40' 2.8" E027º 36' 34.8" 175m from ground level and 75m from the top.
    b. Gas:
        i. S23º 40' 2.8" E027º 36' 34.8" 100m from ground level and 150m from the top.
    c. Stack height
        i. 250 meter consist of 3 flues
2. Stack two
    a. Particulates:
        i. S23º 40' 14.8" E027º 36' 47.5" 175m from ground level and 75m from the top.
    b. Gas:
        i. S23º 40' 14.8" E027º 36' 47.5" 100m from ground level and 150m from the top.
    c. Stack height
        i. 250 meter consist of 3 flues

3. Attachments

- Fugitive dust fall out monitoring report.
- Marapong ambient air quality report

4. Report Conclusion

The rest of the information demonstrating compliance with the emission license conditions is supplied in the annual emission report sent to your office.

Hoping the above will meet your satisfaction.

I hereby declare that the information in this report is correct.

Yours sincerely

Wikus Janse van Rensburg

GENERAL MANAGER: MATIMBA POWER STATION