

City of Cape Town
Air Quality Management
246 Voortrekker Road
VASCO
7460

21 May 2026

Enquiries: H. Westman
Tel: 021 9415856

Ref: WCCT 023

Dear Mr Gildenhuys

ACACIA POWER STATION'S ANNUAL EMISSIONS REPORT: April 2025 – March 2026

This serves as the annual report required in terms of Section 8.6.2 in Acacia Power Station's Atmospheric Emission License (WCCT 023). The information represented stems from 2025/2026 Eskom's past financial year (Eskom's financial year extends from 1 April to 31 March). As Acacia Power Station does not operate installed continuous emission monitors (CEMS), the emissions reported herein are based on calculations.

1. Pollutant emission trends

Table 1. General overview of emissions at Acacia Power Station 2021/22 to 2025/2026

Emissions	Total (Tons/annum) 2025/2026	Total (Tons/annum) 2024/2025	Total (Tons/annum) 2023/2024	Total (Tons/annum) 2022/2023	Total (Tons/annum) 2021/2022
PM 10	0.712	1.42	0.714	0.316	0.277
SO ₂	0.037	0.153	0.0773	0.034	0.451
CO ₂	2450.509	4935.8	2483.837	1099.397	945.839

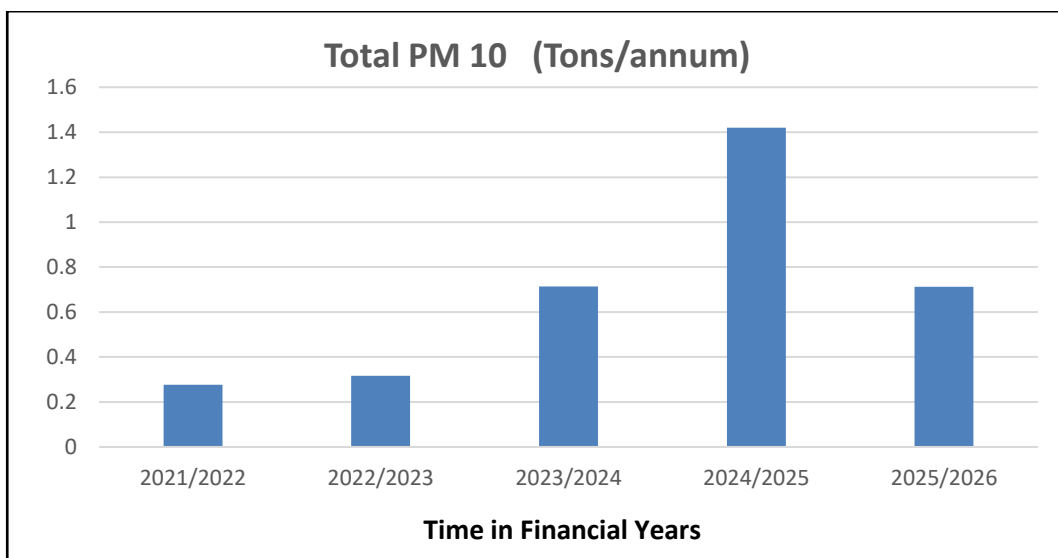


Figure 1. Trend of total PM emissions in tons per financial year

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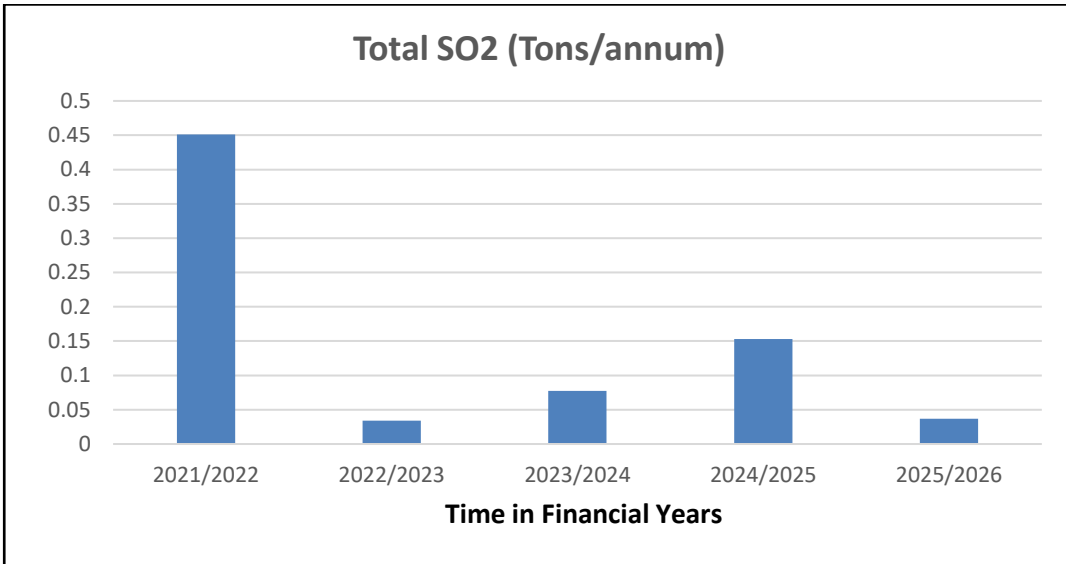


Figure 2. Trend of total SO₂ emissions in tons per financial year
 * Reduction in SO₂ emissions is due to the lower Sulphur content in the Diesel currently used by the Power Station

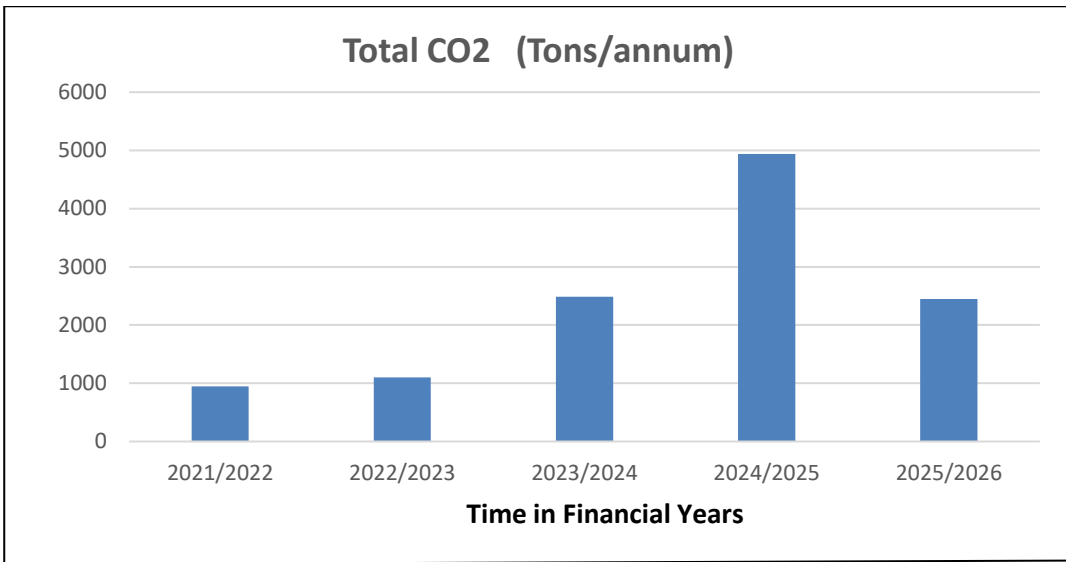


Figure 3. Trend of total CO₂ emissions in tons per financial year

Table 2. Total Fuel Used (Diesel) per financial year in tons

Year	Fuel Used (Tons)	Fuel Type
2025/2026	770.843	Diesel
2024/2025	1535.711	Diesel
2023/2024	772.814	Diesel
2022/2023	342.063	Diesel
2021/2022	300.648	Diesel

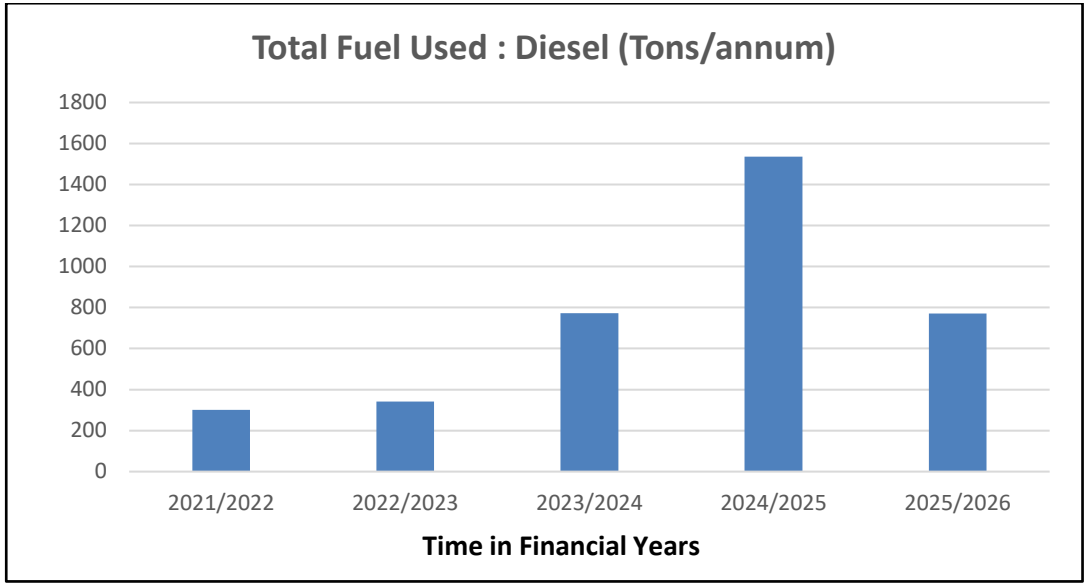


Figure 4. Acacia Power Station Fuel Used: Diesel in tons per financial year

Table 3. Total Production per financial year (MWh)

Year	Energy Sent Out (MWh)
2025/2026	2568
2024/2025	5282
2023/2024	2486
2022/2023	1069
2021/2022	878

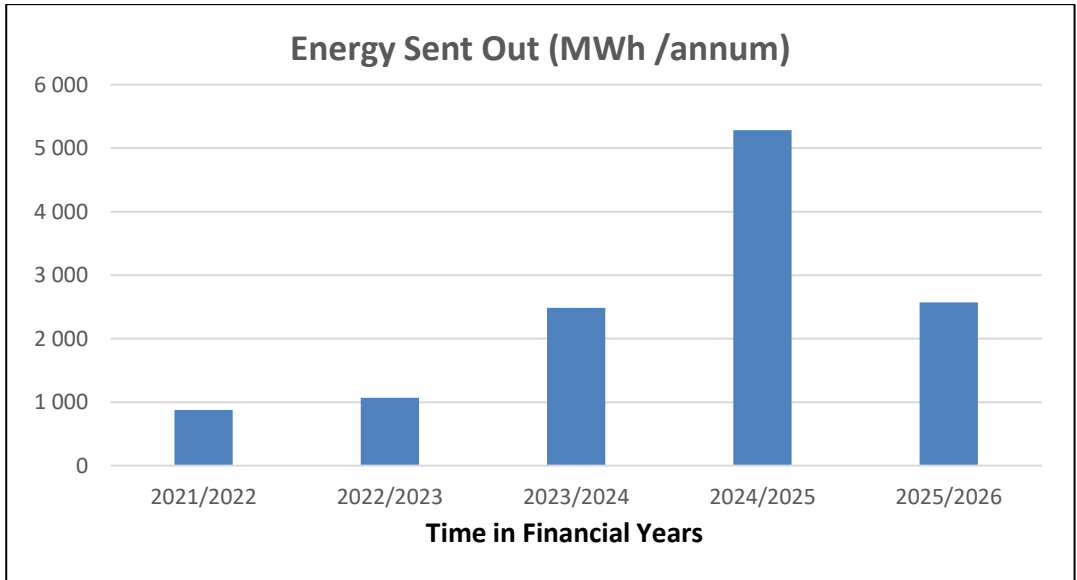


Figure 5. Total Production / Energy sent out MWh per financial year.

2. Point source Emission monitoring: Date of last periodic emission monitoring

As per section 16 of the Minimum Emission Standards and as per section 8.2.3 of Acacia's AEL, annual emission testing is required to quantify PM, SO₂ and NO_x emissions, only if 5% or >load factor. Load factor never exceeded 5% during the 2025_2026 financial year. SGS conducted the last Source Emissions Monitoring tests on the 26th March 2015 that were attached in the previous annual report.

According to the report compiled, the test results were below the pollutant specific hourly emission limit for PM, SO₂ and NO_x, showing that Acacia Power Station is following stipulated emission limits.

3. Ambient air quality monitoring

An Ambient Air Quality Monitoring Station was commissioned at Settlers Drive, Edgemead during September 2015 and the ambient data gathered is used to monitor compliance with the National Ambient Air Quality Standards and to set a baseline for comparisons during operations.

Table 4. Ambient Monitoring Results

Station Compliance to National Ambient Air Quality Standards	2025/2026	2024/2025	2023/2024	2022/2023	2021/2022
	Compliant	Compliant	Compliant	Compliant	Compliant
	No exceedances	No exceedances	No exceedances	No exceedances	No exceedances

Comment: A few PM-10 exceedances were recorded that may be attributed to prevailing weather conditions at the time, temperature inversion, traffic, fires in the area including veld fires and braais. Eskom Acacia Power Station was not operating at the time the exceedances were recorded.

4. Complaints

Acacia Power Station maintains comprehensive complaints register as per section 8.6.1 of the AEL. No complaints were received for the last financial year (Table 5).

Table 5. Complaints

Total number of air quality complaints	2025/2026	2024/2025	2023/2024	2022/2023	2021/2022
	0	1	0	0	0

Table 6: Peaking Communication and Complaints Register (Acacia Power Station)

Station		ID	Issue	Date	Time	Source Code	Name of communicant	Contact Details	Address	Description of communication	Root Cause Analysis	Impact	Remedial Action Required	Responsible Person	Responsible Party	Sector	Closure Date	Status

5. Status of any significant diesel fuel leaks and repairs 2025_2026

Leak Detection and Repair Programme (LDAR) Rev 6 is in place as guided by section 6.2a) of the AEL.

Incident details: No incidents were reported during past financial year.

6. Major upgrades projects (i.e. abatement equipment or process equipment)

Upgrade details: No major upgrades during past financial year.

7. Compliance

7.1 Audits

Aligned with the assurance function of the Generation Environmental Management, an Atmospheric Emission Licence (AEL) Compliance Review was undertaken for Acacia Power Station on the 24th of July 2025. The station received one finding.

Finding: The station completed and submitted the annual report to the Licencing Authority as required, however not all the requirements stipulated under the AEL condition 8.6.2 were covered on the annual report i.e. 8.6.2 (c) Major upgrades projects (i.e. abatement equipment or process equipment); and (d) Greenhouse gas emissions must be determined for the year under review and reported as prescribed in the National Greenhouse Gas Reporting Regulations.

The Finding has been addressed and reported upon in this report.

8. NAEIS

As required, Acacia shall report its 2025 NAEIS report online by the 30th June 2026, within the required timeline.

9. Greenhouse gas emissions

Greenhouse gas emissions are reported to DFFE by 31 March 2026 on SAGERS.

10. Minimum Emission Standards

MES Postponement Application was granted by DFFE in mid-May 2024.

11. Load Factor

The load factor for the 2025_2026 reporting year is 0.17 %.

For any queries please do not hesitate to contact Hilton Westman on 021 -9415856.

Yours sincerely



Zukile Tshisa
Manager Operations and Maintenance
ACACIA POWER STATION