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Date:
21 May 2026

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Dear Ms. N. Simelane

HENDRINA POWER STATION'S ANNUAL EMISSIONS REPORT FOR FY 2025/2026

This serves as the annual report required in terms of Section 7.6 in Hendrina Power Station's Atmospheric Emission License (17/4/AEL/MP/312/11/16), as well as in terms other reporting requirements listed in the Minimum Emission Standards. The emissions are for Eskom's 2025/2026 financial year, which is from 1 April 2025 to 31 March 2026. Verified emissions of particulates, as measured by installed Continuous Emissions Monitoring System (CEMS) and SO₂ and NO_x (as NO₂) and N₂O, are also included.

Name, description, and reference number of the plant as specified in the AEL:

Name of facility	Eskom Holdings SOC Limited –Hendrina Power Station
Description of facility	Power Generation
Reference number of plant	AEL License No: 17/4/AEL/MP/312/11/16

1. Pollutant Emission Trends

Particulate emissions are measured at all power stations with opacity monitors, which are correlated to obtain emission concentrations. Gaseous emissions (N₂O, SO₂ and NO_x) are calculated from mass balance for SO₂, from station-specific emission factors for NO_x and from a generic emission factor for N₂O.

CEMS are installed for both North and South stacks, however, for SO₂ and NO_x (as NO₂) calculated data from Eskom Research and Technology Division (RT&D) was used.

The emissions in the table below are for the 2025/2026 financial year.

Power Station	Coal-fired emissions (tons/annum)	Fuel-oil emissions (tons/annum)	Total (tons/annum)
Hendrina Power Station	N ₂ O: 24.43 PM: 402.27 SO ₂ : 26850 NO _x : 16178	SO ₂ : 200.41	N ₂ O: 24.43 PM: 402.27 SO ₂ : 27050.41 NO _x : 16178

Table 1. Total emissions at Hendrina Power Station 2025/2026

Month	PM (Tons)	SO ₂ (Tons)	NO _x (Tons)	N ₂ O (Tons)
April 2025	54.16	2858	1708	2.55
May 2025	72.57	3772	2307	3.44
June 2025	106.06	3653	2232	3.35
July 2025	51.92	2651	1859	2.81
August 2025	23.98	2161	1551	2.35
September 2025	25.34	2661	1615	2.47
October 2025	12.96	1504	861	1.31
November 2025	10.25	1866	921	1.42
December 2025	8.66	1954	1002	1.53
January 2026	14.38	1455	776	1.17
February 2026	8.85	756	425	0.64
March 2026	13.15	1560	922	1.39

Table 2. Pollutant Emission Trends for 2025/2026 FY

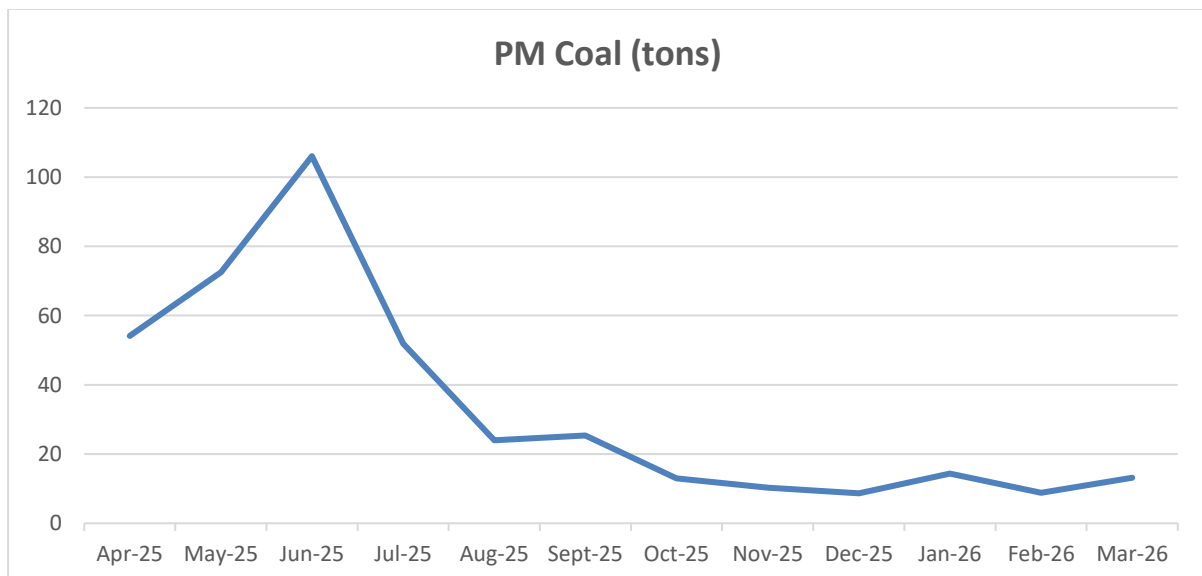


Figure 1: Monthly Particulate Emissions in tons from Hendrina Power Station 2025/2026 FY

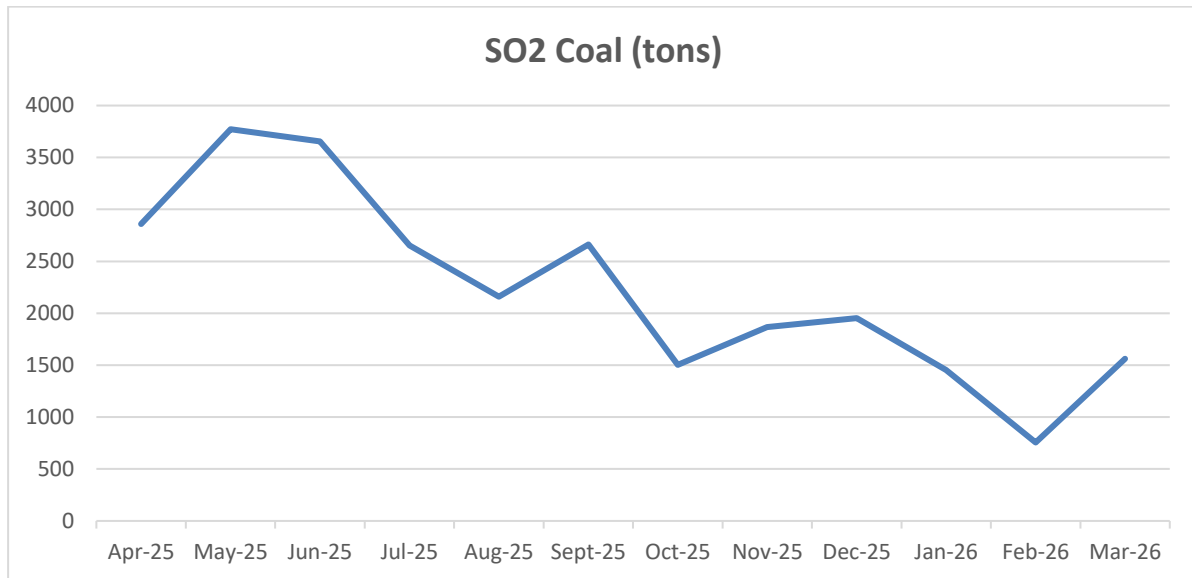


Figure 2: Monthly SO₂ Emissions in tons from Hendrina Power Station 2025/2026 FY

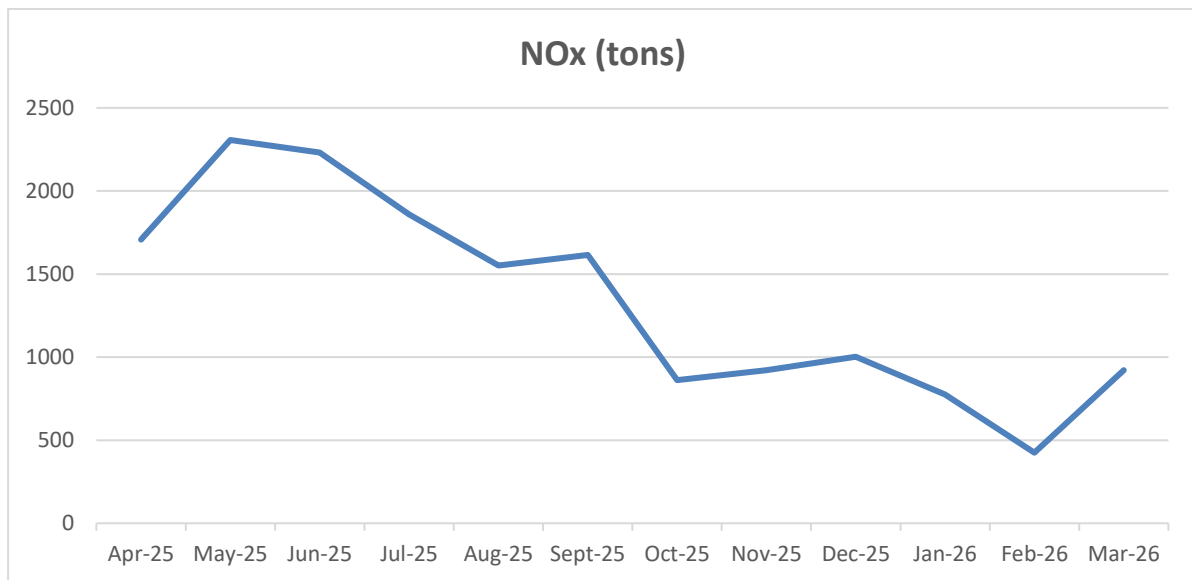


Figure 3: Monthly NO₂ Emissions in tons for Hendrina Power Station 2025/26 FY

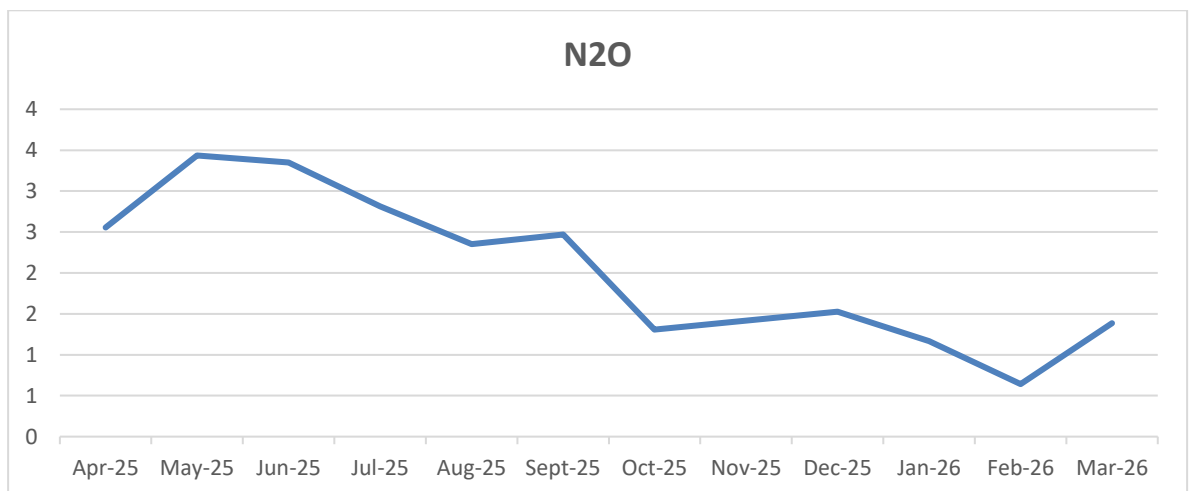


Figure 4. Monthly N₂O Emissions in tons from Hendrina Power Station for 2025/2026 FY

Please note: Gaseous emissions are largely dependent on the power generated by the power station, and thus the amount of coal burnt.

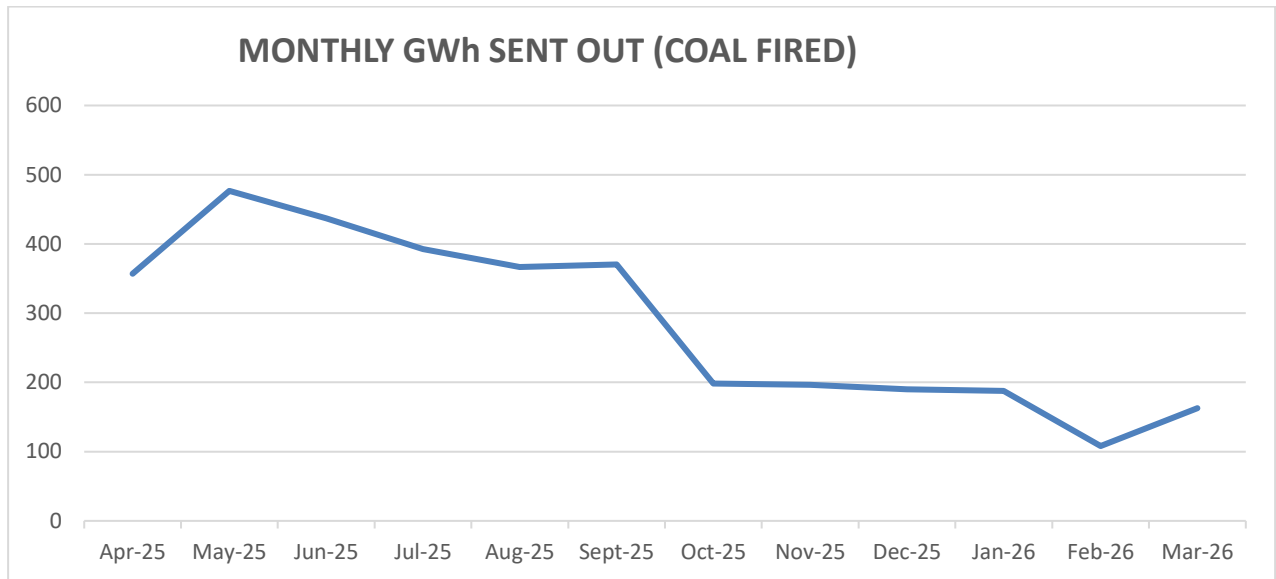


Figure 5: Monthly Energy sent out in GWh at Hendrina Power Station 2025/2026 FY

2. Explanation of instances where MES were exceeded.

Exceedance Number	Stack and Pollutant	Exceedance Date	Reason for Exceedance or Grace Period	Remediation Measure and Effectiveness	Submission to Authority
1	South Stack (PM)	18 April 2025	Damaged FFP bags because of high hopper levels due to unavailability of Ashplant due to cable flashing.	Removal of the cable joint connection to a safe location which is outside the sump to minimize failure-FE Return to service of South Ash Plant-FE Replacement of damaged bags- FE	Section 30 submitted
2	South Stack (PM)	15 May 2025	Damaged FFP bags because of the aging of the bags at unit 10	Unit 10 complete bag replacement- FE	May 2025 monthly report
3	South Stack (PM)	12 June 2025	Damaged FFP bags because of the aging of the bags at unit 10	Unit 10 complete bag replacement- FE	June 2025 monthly report
4	North Stack (PM)	15 July 2025 (Backfitted data)	Delayed dusting due to unavailability of the Ash Plant	Return to service of South Ash Plant-FE Replacement of damaged bags- FE	July 2025
5	South Stack (NOx)	July 2025 (Backfitted data)	Under investigation		

Table 3: Overview of instances were daily average limit exceedances for 2025/26 financial year.

3. Emission Monitoring Information

Levego Environmental Services (T0846) was appointed to conduct parallel and correlation tests.

Levego Environmental services (T0846)	Correlations Tests		Parallel Tests	
	North Stack	South Stack	North Stack	South Stack
Date of test	01-08 Oct 2025	10-12 Sept 2025	01-08 Oct 2025	10-12 Sept 2025
	Full test	Spot Test	Full test	Full test

- The curves for North correlations as well as North and South Stack parallel tests have since been implemented.
- The station plans to conduct full correlation test on the South Stack as the minimum required operating hours for the fabric filter bags have been confirmed to have been reached in the month of May 2026.

3.1 Monitor Reliability

Notifications regarding monitor reliability were communicated with the Licensing Authority, Nkangala District Municipality, as part of the monthly reporting process. The station continues to report on the status in the monthly emissions reports.

New monitors were installed in July 2025 to improve reliability.

4. Compliance Audit Report(s) and compliance actions

The station conducted an AEL review audit from 17 July and 18 July 2025. The purpose of this review was to assess the stations' compliance with AEL conditions, emission standards, guidelines, and internal processes.

The Licensing Authorities (Nkangala District Municipality together with Steve Tshwethe Local Municipality) also conducted an Environmental compliance monitoring inspection on the 23rd of September 2025.

There was no compliance notice issued to the station relating to emissions.

5. Major Upgrades Projects

Monitor replacement project was undertaken in June 2025 and the new monitors were commissioned in July 2025. There is no planned major upgrade related to emissions.

6. Greenhouse Gas Emissions:

Greenhouse gas emissions as CO₂ and N₂O have been reported on in table 1 above. These have been calculated.

7. Fugitive dust management

Hendrina Power station has an active 5 year-contract with IDS to measure fugitive dust on twenty sites (labeled site 1 to site 20) which are around all point and non-point sources. The dust management plan is under revision as per the new regulations (NDCR 7335) for submission to the Licensing Authority.

8. Participation in priority area programs

The station participates in the Nkangala District Municipality Implementation Task Team meetings held quarterly. The station is also represented at Highveld Priority Area MSRГ meetings.

9. Air quality offset program

Phase 1 of the air quality offset program in Kwa-Zamokuhle, near Hendrina, and Ezamokuhle, near Majuba, has been completed with 5591 households completed. The existing planning, monitoring,

and verification contract was modified to allow continued monitoring of the interventions and testing of sustainability and surveys are being completed. The Kwaza settlement was also used on 4 October 2025 as a launch site for a G20 clean cooking legacy initiative. A further element of the launch took place on 27 January 2026. This program aims to work alongside the Eskom program to address gas provision and awareness in communities receiving offsets.

10. General

10.1. Complaints Register:

The Station did not receive any emissions-related complaints for 2025/26 financial year.

10.2. NAEIS reporting:

Hendrina Power Station NAEIS shall be submitted by the due date of 30 June 2026 on the NAEIS reporting system.

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

Hoping the above will meet your satisfaction.

Yours sincerely



Date 25 May 2026

Approved by
T Lekalakala
GENERAL MANAGER
HENDRINA POWER STATION

