Eskom

Ms Nompumelelo Simelane
Air Quality Officer
Nkangala District Municipality
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Date:
18 May 2026

Enquiries:
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Ref: NDM/AEL/MP312/11/07

Dear MS. Simelane

DUVHA POWER STATION'S ANNUAL EMISSIONS REPORT FOR FY 2025/26.

This serves as the annual report required in terms of Section 7.6 of the Duvha Power Station's Atmospheric Emission Licence as well as in terms of the reporting requirements listed in the Minimum Emission Standards. The emissions are for Eskom's 2025/26 financial year, which is from 1 April 2025 to 31 March 2026. Verified emissions of particulates as measured by installed CEMS and SO_2 and NOx (as NO_2) as calculated, are also included.

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

Name of facility	Eskom Holdings SOC Limited
Description of facility	Duvha Power Station
Reference number of plant	NDM/AEL/MP312/11/07

Emission Trends:

The emissions in the table below are that of the 2025/26 financial year.

Table 1. General oversight of emissions at Duvha Power Station 2025/26.

Power Station	Coal-fired emissions (tons/annum)	Fuel-oil emissions (tons/annum)		Total (tons/annum)
Duvha Power Station		**FO 150**	**Catlight**	
	PM: 1813.63	**PM:** 0.00	**PM:** 0.00	**PM:** 1813.63
	SO_2: 71150.77	**SO_2:** 1 593.74	**SO_2:** 156.67	**SO_2:** 72901.18
	NO_x: 43 747	**NO_x:** 0.00	**NO_x:** 0.00	**NO_x:** 43 747

Generation Division
Duvha Power Station
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Eskom Holdings SOC Ltd Reg No 2002/015527/30

Figure 1. Monthly Particulate Emission in tons from Duvha Power Station 2025/2026.

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

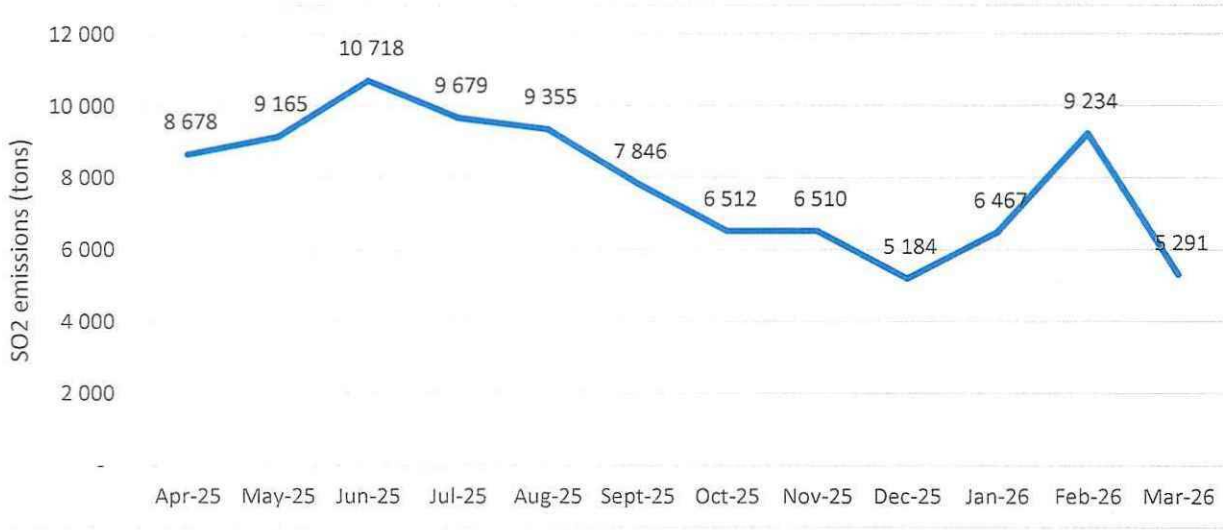

Figure 2. Monthly SO_2 Emissions in tons from Duvha Power Station 2025/2026.

Figure 3. Monthly NO_2 Emissions in tons for Duvha Power Station 2025/2026.
All gaseous (SO_2 and NOx) emissions tonnages figures reported on this annual emissions report and previous annual emissions reports are calculated figures.

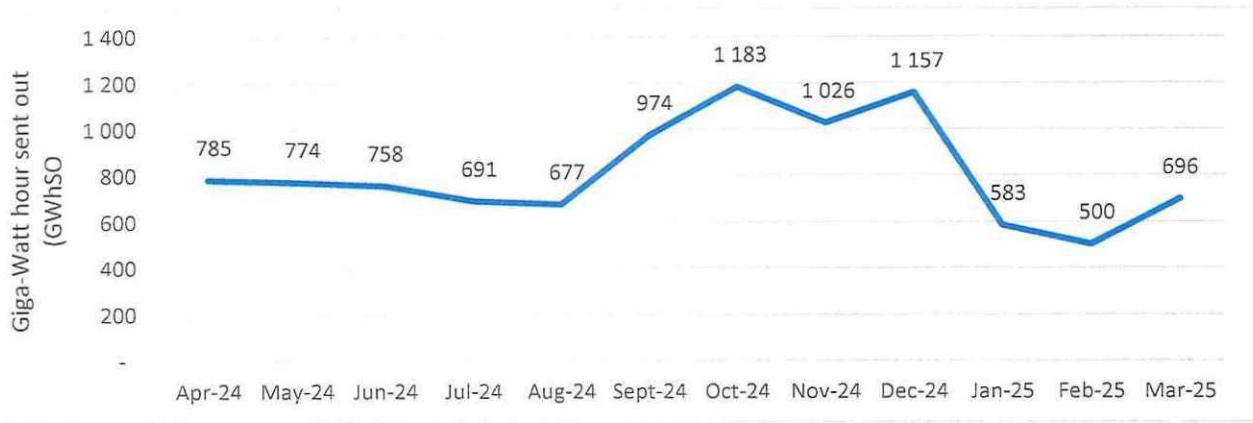

Figure 4. Monthly Energy sent out in GWh at Duvha Power Station 2025/26.

Figures showing compliance with the daily average emission limits of the respective pollutants have been presented to you in the monthly emission reports sent to your offices.

Monitoring data availability

Table 2. General oversight of monitoring data availability for Duvha Power Station 2025/26 in terms of the number of full hours per annum that valid results were obtained for the CEMS in question.

	Unit 1	Unit 2	Unit 4	Unit 5	Unit 6
PM	61.52%	84.51%	69.39%	84.88%	92.64%
SO_2	57.73%	77.43%	63.68%	80.80%	84.21%
NOx	58.61%	77.62%	63.72%	86.02%	87.23%

The reasons for the poor performance of the SO2 monitors at unit 6 has been presented to you in the monthly emission reports sent to your office.

Compliance Audit Report(s):

An Environmental legal compliance audit to evaluate and verify compliance with the conditions of the air emissions license for the 2025/26 financial year was conducted on the 10th of June 2025. The report is attached as annexure 1.

Additionally, an Atmospheric Emission Licence (AEL) Compliance Review was conducted at Duvha Power Station from 11–12 November 2025. The purpose of the review was to assess the station's compliance with its renewed AEL (No. NDM/AEL/MP312/11/07), applicable national air quality legislation, and relevant municipal bylaws. The assessment period covered 01 April to 31 October 2025. The report is attached as annexure 2.

Major upgrades projects:

The project for the installation of High Frequency Transformers (Power Plus) at Units 4 and 6, which are currently operating with electrostatic precipitator (ESP) fields only, is presently in the execution phase, with the engineering design activities currently in progress. The delivery of the High Frequency Power Supplies (Power Plus) is scheduled for 30 June 2026. Installation activities for the first transformer are planned to commence at Unit 4 during August 2026, while installation at Unit 6 is scheduled for October 2026. The project is being implemented to enhance electrostatic precipitator performance and improve particulate emission control efficiency at both generating

units. The overall project completion date is targeted for 24 November 2026. Please find attached detailed plan of the project as annexure 3.

Greenhouse gas emissions:

Greenhouse gas emissions are reported through the greenhouse gas reporting regulation process and as such are not included in this annual emissions report.

Results of spot measurements or correlation tests:

Table 3. Overview of dates of last conducted CEMS verification tests for PM, SO_2 and NOx.

Stack/ Unit	PM (Correlation tests)	SO_2 (Parallel tests)	NOx (Parallel tests)
Unit 1	23 – 25 May 2024	29 June – 02 July 2025	29 June – 02 July 2025
Unit 2	08-10 October 2025	10-13 September 2025	10-13 September 2025
Unit 4	26 -30 May 2025	26-29 June 2025	26-29 June 2025
Unit 5	16-20 July 2024	02-05 July 2025	02-05 July 2025
Unit 6	19-23 September 2025	28 May-01 June-2025	28 May-01 June-2025

An explanation of all instances where the license requirements were exceeded:

The reasons of the emission license limit exceedances for 2025/26 financial year have been presented to you in the monthly emission reports sent to your office.

An explanation of all daily instances of exceedances (including the grace periods) of the minimum emissions requirements is included on the monthly emissions reports submitted to your office and reported to your office every time an exceedance occurs.

Implementation of the Highveld Priority Areas Air Quality Management Plan

Offset programs:

Eskom appointed Nsovo as the health specialist by 30 June 2025 to support the implementation of community health-related initiatives. An initial health screening survey aimed at establishing baseline community health data, excluding physical testing, commenced in September 2025 and is targeted for completion in May 2026. This intervention serves as an interim measure pending the implementation of a long-term mobile clinic programme, which is planned to commence in 2028, as previously communicated to your office.

Nsovo has further developed a comprehensive community health awareness programme, including maternal and child health interventions, with the initial plan submitted to your office on 30 January 2026. In support of the mobile clinic programme, a scope of work has been prepared, and Eskom is currently required to undertake the necessary commercial procurement process for the appointment of a suitable service provider.

Additionally, Eskom's Phase 2C health intervention programme for Duvha Power Station includes planned health screenings for approximately 2,000 households within eMalahleni, scheduled to commence in August 2026 and conclude in November 2029, subject to budget approval currently under procurement review.

Furthermore, as part of the health interventions and greening initiative, 250 trees are planned for planting during 2026 at identified community facilities, namely Allendale Secondary School and Impungwe Hospital, to enhance green spaces around educational and healthcare institutions.

Monitoring stations:

Masakhane Monitoring Station is currently operational and reporting, while the Bongiduvha Monitoring Station is scheduled for commissioning in June 2026. Most of the air quality monitoring equipment has been delivered, with the final batch received on 11 May 2026. The commissioning of three air quality monitoring stations, including construction of concrete slabs, transportation of monitoring huts, and connection of power supply infrastructure, is planned for May to June 2026. In addition, collaboration with local universities to support research on community perceptions regarding offset programmes and their effectiveness in improving ambient air quality and community health outcomes has been submitted for procurement.

Fugitive Dust Management:

Duvha Power Station operates a dust monitoring programme comprising of ten (10) monitoring sites. Monitoring site ESD002 has been found non-compliant with the requirements of the National Dust Control Regulations (NDCR), having recorded five (5) exceedances of the prescribed rates of 1 200 mg/m²/day for Non-residential area. These exceedances occurred sequentially in September and November 2025, as well as in January, February, and March 2026.

A Dust Management Plan detailing the measures to be implemented to mitigate and manage the dust emissions at ESD002 has been sent to your office 29 April 2026 as required by the NDCR.

NAEIS reporting:

Duvha Power Station submitted its annual report on the NAEIS system 22 May 2024.

General

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

Hoping the above will meet your satisfaction.

Supported by

M Mamoleka
ENGINEERING MANAGER: DUVHA POWER STATION

Yours sincerely

L Chauke
DUVHA POWER STATION: GENERAL MANAGER