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Date:
2026.04.20

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Dear Mrs Simelane

ARNOT POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH 2026

This serves as the monthly report required in terms of Section 6 in Arnot Power Station's Atmospheric Emission License. The emissions are for March 2026, verified emissions of particulates; SO₂ and NO_x (as NO₂) are also included.

Raw Materials and Products

Table1: Quantity of Raw Materials and Products used/produced for the Month of March 2026

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Consumption/ Rate in Month of March 2026
	Coal	Tons/month	1 050 330	239 466
	Fuel Oil	Tons/month	10 000	1708.290
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted (Quantity)	Production Rate in Month of March 2026
	Energy	GWh	1 785 600	446.769
	Ash	Tons/month	421 000	553 64.447

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Abatement Technology

Table 2.1 (a) Abatement Equipment Efficiency Control Technology for month of March 2026

Associated Unit/Stack	Technology Type	Actual Efficiency (%) for the month of March 2026
North Stack	Fabric Filter Bags	99.906%
South Stack	Fabric Filter Bags	99.933%

Table 2.1 (b) Abatement Equipment Utilisation (%) for the month of March 2026

Associated Unit/Stack	Technology Type	Utilisation March 2026
North	<i>Fabric Filter Plant (FFP)</i>	100 %
South	<i>Fabric Filter Plant (FFP)</i>	100 %

Table 2.1 (c) Monitor Reliability (%)

Associated Unit/Stack	PM	SO ₂	NO
Stack 1	100	11.2	50.0
Stack 2	100	11.2	22.0

Energy Source Characteristics

Table 3: Energy Source Material Characteristics for the month of March 2026

Characteristic	Stipulated Range (Unit)	Monthly Average Content
Sulphur Content	0.5 to < 1 (%)	0.680
Ash Content	17 to < 40 (%)	23.12

Table 4 Operating days in compliance to PM AEL Limit – March 2026

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance	Average PM (mg/Nm ³)
North	31	0	0	0	0	16.0
South	31	0	0	0	0	16.2
SUM	32	0	0	0	0	

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Table 5: Operating days in compliance to NOx AEL Limit – March 2026

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance	Average NOx (mg/Nm ³)
North	31	0	0	0	0	605.5
South	31	0	0	0	0	491.4
SUM	62	0	0	0	0	

Table 6: Operating days in compliance to Sox AEL Limit –March 2026

Associated Unit/Stack	Normal	Grace	Section 30	Contravention	Total Exceedance	Average SOx (mg/Nm ³)
North	31	0	0	0	0	1255.1
South	31	0	0	0	0	785.3
SUM	32	0	0	0	0	

Emissions Reporting

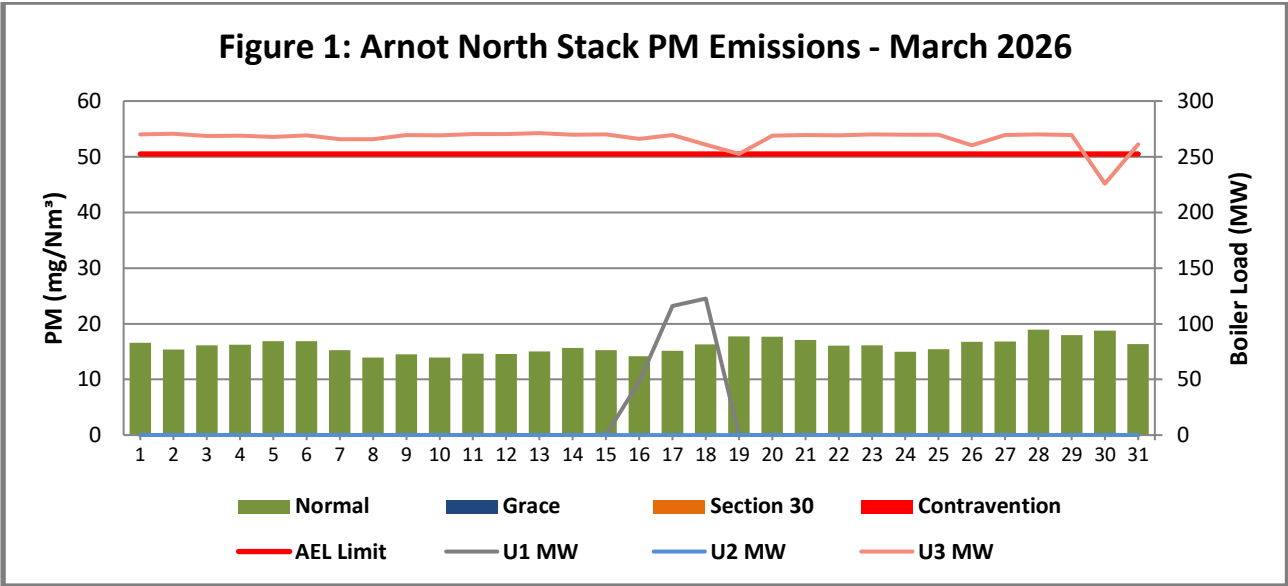


Figure 1: PM emissions (daily averages) for the month of March 2026 against the emission limit for the North Stack

ARNOT POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH 2026

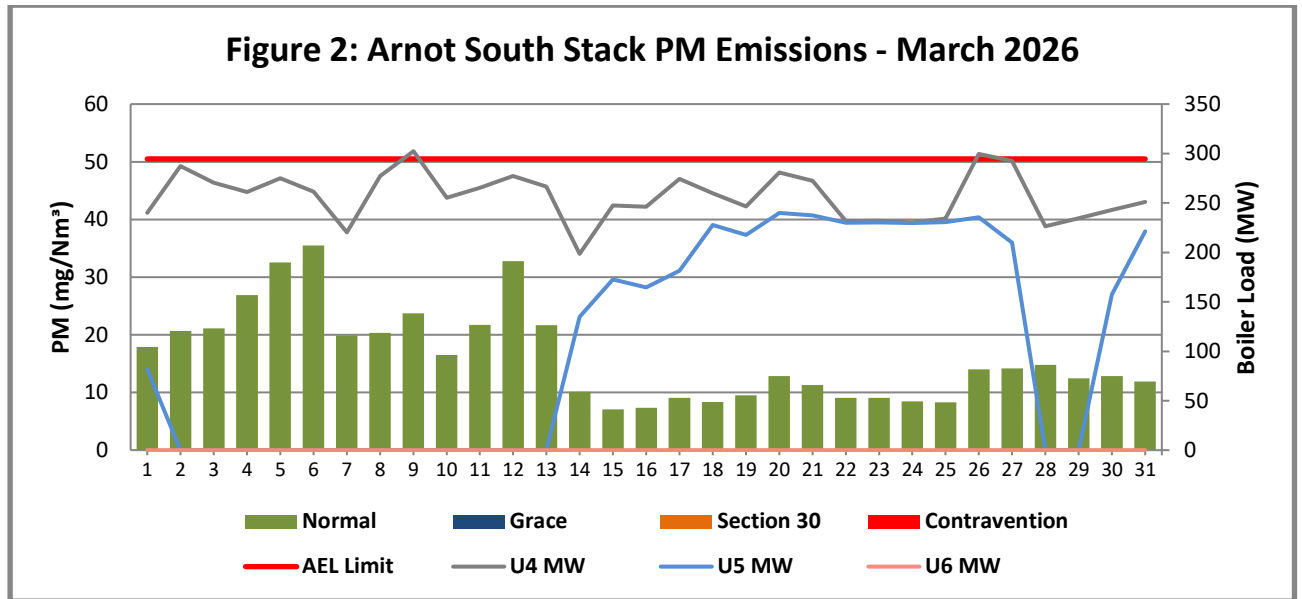


Figure 2: PM emissions (daily averages) for the month of March 2026 against emission limit for the South Stack

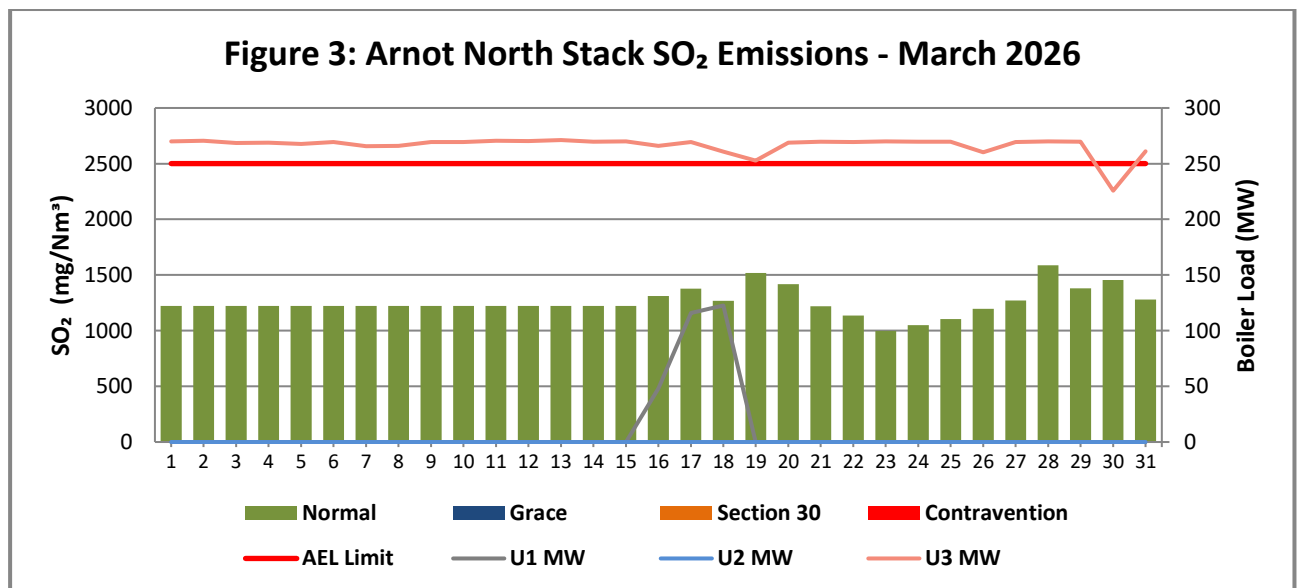


Figure 3: SO₂ emissions (daily averages) for the month of March 2026 against emission limit for the North Stack

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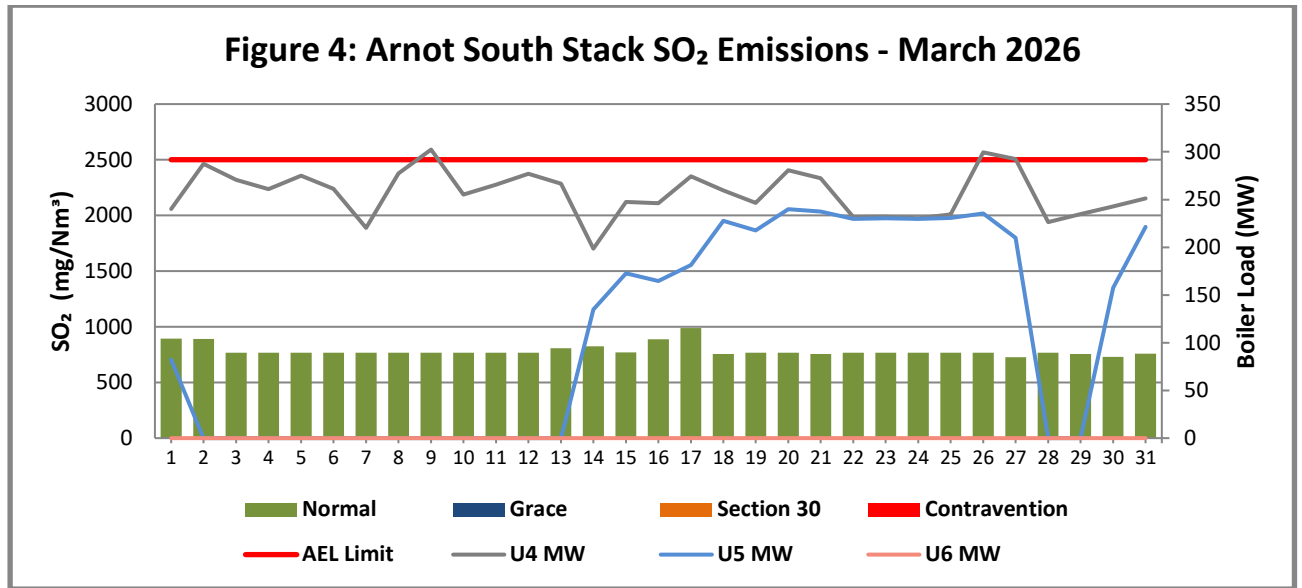


Figure 4: SO₂ emissions (daily averages) for the month of March 2026 against emission limit for the South Stack

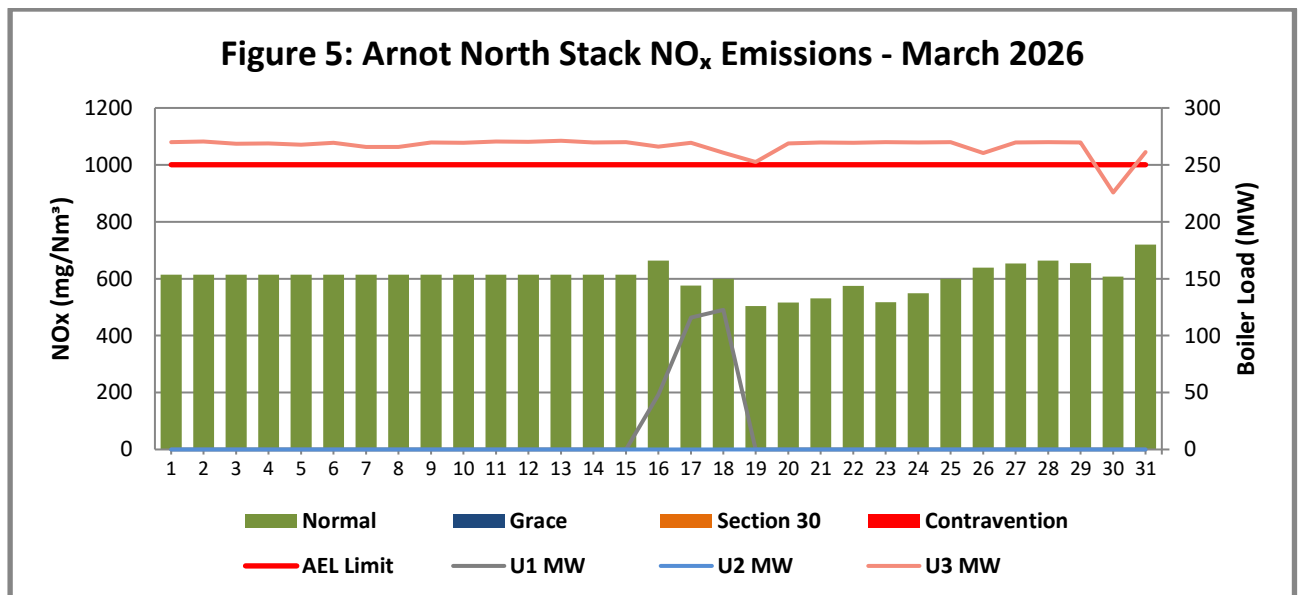


Figure 5: NO₂ emissions (daily averages) for the month of March 2026 against emission limit for the North Stack

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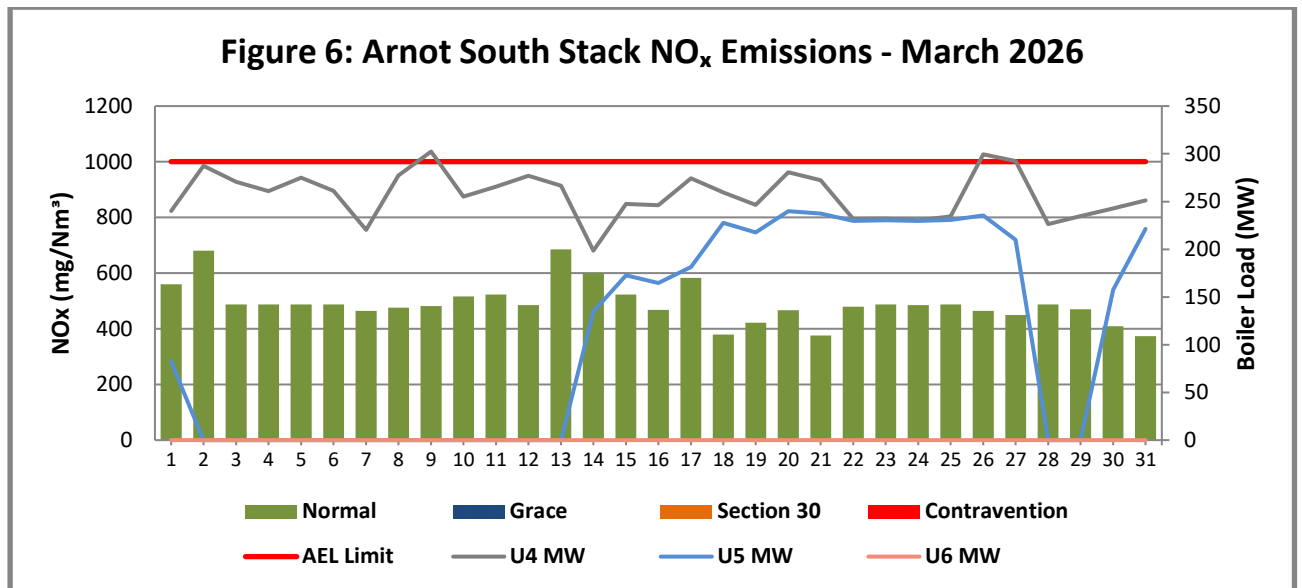


Figure 6: NO₂ emissions (daily averages) for the month of March 2026 against emission limit for the South Stack

Table 4: Monthly tonnages for the month of March 2026

Unit	PM (tons)	SO ₂ (tons)	NO ₂ (tons)
Total Tons (North & South Stack)	39.00	2512	1342

Table 5: Each unit and respective days operating under normal operation, days in grace period, and section 30 days respectively.

Unit	Days operating under normal operation	Days operating in grace period	Days operating under S30
1	31	0	0
2	31	0	0
3	31	0	0
4	31	0	0
5	31	0	0
6	31	0	0

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Light up information

Continuous reporting is being done even during start-ups emissions were not affected.

Complaints Register

Table 6. Complaints for the month of March 2026

No Noise, dust and offensive odors complaints registered in the month of March 2026.

Source Code/ Name	Root Cause Analysis	Calculation of Impacts/ emissions associated with the incident and dispersion modelling of pollutants, where applicable	Dispersion modeling of pollutants where applicable	Measures implemented to prevent reoccurrence	Date by which measure will be implemented
None	0	0	0	0	0

General

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

South Stack Gas monitors unable to read the extremely low values due to only Unit 4 in operation on South Stack. The flow velocity flow through the stack is too low to register a reading for the ERT as reliable data.

Hoping the above will meet your satisfaction.

**ARNOT POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH
2026**



Compiled by

24.04.2026

Date:

Lawrence Machebe

ENVIRONMENTAL OFFICER: ARNOT POWER STATION

Verified by

Date:

24-04-2026



Jan-Louis Human

SYSTEM ENGINEER: ARNOT POWER STATION

Supported by:

Date: 2026.04.24



Rofhiwa Tshikovha

SENIOR ENVIRONMENTAL ADVISOR: ARNOT POWER STATION

Yours sincerely

**ARNOT POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH
2026**

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Marcus Nemadodzi

Date: 28 April 2026

GENERAL MANAGER: ARNOT POWER STATION