Eskom

Mr. Mcebo Mkhatshwa
Air Quality Officer
Fezile Dabi District Municipality
P.O Box 10
SASOLBURG
1947

Date:
22 April 2026

Enquiries:
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LRP09PLA009 _0515/2026/04/10

Dear Mr. Mkhatshwa

LETHABO POWER STATION EMISSION MONTHLY REPORT FOR MARCH 2026

Please find attached Lethabo Power Station emission report for the month of March 2026.

Also attached are the Ambient Air Quality Monitoring Report, Complaints Register and the Fugitive Dust Fallout Monitoring Report for March 2026.

For any additional information please do not hesitate to contact us.

Yours sincerely

pp Karabo Rakgolela
POWER STATION GENERAL MANAGER

Generation Division
Lethabo Power Station
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Eskom	Report	Lethabo Power Station

Report name: **Lethabo Power Station MARCH 2026 Emission Report**

Reference number: **LRP13PLA013 _0515/2026/04/10**
Document Type: **Report**
Area of Applicability: **Environment**
Report Date: **April-2026**
Classification: **Controlled Disclosure**

Signatures:

Compiled by:
S Zulu
Boiler Engineer
Date: 22/04/2026

Verified by :
S Xulu
Environmental Officer
Date: 2026/04/22

Reviewed by:
C. Govinden
BPE Manager
Date: 2026/04/22

Reviewed by:
P Malinga
PE Manager
Date: 23/04/2026

Reviewed by:
L Nel
C&I Manager
Date: 2026-04-24

Reviewed by:
M Hariram
Environmental Manager
Date: 2026-04-24

Approved by:
H Sewsunker
Techincal Manager
Date: 2026/04/24

Reviewed by:
pp
T. Njapha
Engineering Manager
Date: 24-04-2026

LETHABO POWER STATION MONTHLY EMISSIONS REPORT

Atmospheric Emission License: FDDM-MET-2011-08-P1-E1

1 RAW MATERIALS AND PRODUCTS

Raw Materials and Products	Raw Material Type	Units	Max Permitted Consumption Rate	Consumption Rate Mar-2026
	Coal	Tons	*2 000 000*	*1 043 373*
	Fuel Oil	Tons	*3 700*	*835*
Production Rates	**Product / By-Product Name**	**Units**	**Max Production Capacity Permitted**	**Indicative Production Rate Mar-2026**
	Energy	GWh	*2 835*	*1 539*
	Ash	Tons	*940 000*	*403 994*
	RE Ash	kg/MWh	*not specified*	*0.53*

Note: Max energy rate = AEL capacity [3,810 MW] × 24 Hrs × Days in MONTH ÷ 1,000 (to convert to GWh).

2 ENERGY SOURCE CHARACTERISTICS

Coal Characteristic	Units	Stipulated Range	Monthly Average Content
Sulphur Content	%	*<1.2*	*0.680*
Ash Content	%	*<47*	*38.720*

Note: The "standard" is not a fixed limit but an optimal guideline. It may vary with coal quality. The stipulated range reflects station acceptance test values.

3 EMISSION LIMITS (mg/Nm³)

	Daily Limit		
Associated Unit/Stack	**PM**	**SO_2**	**NO_x**
Unit 1	*100*	*2600*	*1100*
Unit 2	*100*	*2600*	*1100*
Unit 3	*100*	*2600*	*1100*
Unit 4	*100*	*2600*	*1100*
Unit 5	*100*	*2600*	*1100*
Unit 6	*50*	*2600*	*1100*

4 ABATEMENT TECHNOLOGY (%)

Associated Unit/Stack	Technology Type	ESP Efficiency	Technology Type	SO_3 Plant Utlization
Unit 1	*ESP + SO_3*	*99.692%*	*SO_3*	*90.8%*
Unit 2	*ESP + SO_3*	*99.903%*	*SO_3*	*99.5%*
Unit 3	*ESP + SO_3*	*99.853%*	*SO_3*	*95.2%*
Unit 4	*ESP + SO_3*	*99.294%*	*SO_3*	*100.0%*
Unit 5	*ESP + SO_3*	*99.913%*	*SO_3*	*98.8%*
Unit 6	*ESP + SO_3*	*99.877%*	*SO_3*	*100.0%*

Note: The ESP plant does not have a bypass mode; therefore, it operates at 100% utilization.

5 DATA RELIABILITY (%)

Associated Unit/Stack	PM	SO_2	NO	O_2
Unit 1	*100.0*	*98.0*	*100.0*	*100.0*
Unit 2	*100.0*	*98.0*	*97.8*	*98.7*
Unit 3	*96.3*	*98.1*	*98.1*	*98.6*
Unit 4	*98.8*	*92.6*	*85.6*	*92.3*
Unit 5	*100.0*	*98.5*	*98.6*	*98.3*
Unit 6	*98.3*	*93.3*	*80*	*92.6*

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

6 EMISSION PERFORMANCE

Table 6.1: Monthly tonnages for March 2026

Associated Unit/Stack	PM (tons)	SO_2 (tons)	NO_x (tons)
Unit 1	26.2	307	163
Unit 2	62.4	2 398	857
Unit 3	97.6	3 501	1 713
Unit 4	454.7	3 292	1 388
Unit 5	67.5	4 315	1 451
Unit 6	101.4	3 422	1 942
SUM	809.77	17 235	7 513

Table 6.2: PM AEL Daily Compliance - March 2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Avg (mg/Nm^3)
Unit 1	2	2	0	0	2	129.5
Unit 2	23	1	0	0	1	42.1
Unit 3	27	0	0	0	0	54.4
Unit 4	14	13	0	0	13	251.7
Unit 5	29	0	0	0	0	32.3
Unit 6	26	5	0	0	5	45.8
SUM	**121**	**21**	**0**	**0**	**21**	

Table 6.3: SO_2 AEL Daily Compliance - March 2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Avg (mg/Nm^3)
Unit 1	4	0	0	0	0	1 571.6
Unit 2	25	0	0	0	0	1 530.9
Unit 3	27	0	0	0	0	1 958.2
Unit 4	28	0	0	0	0	1 905.4
Unit 5	30	0	0	0	0	2 112.4
Unit 6	31	0	0	0	0	1 595.7
SUM	**145**	**0**	**0**	**0**	**0**	

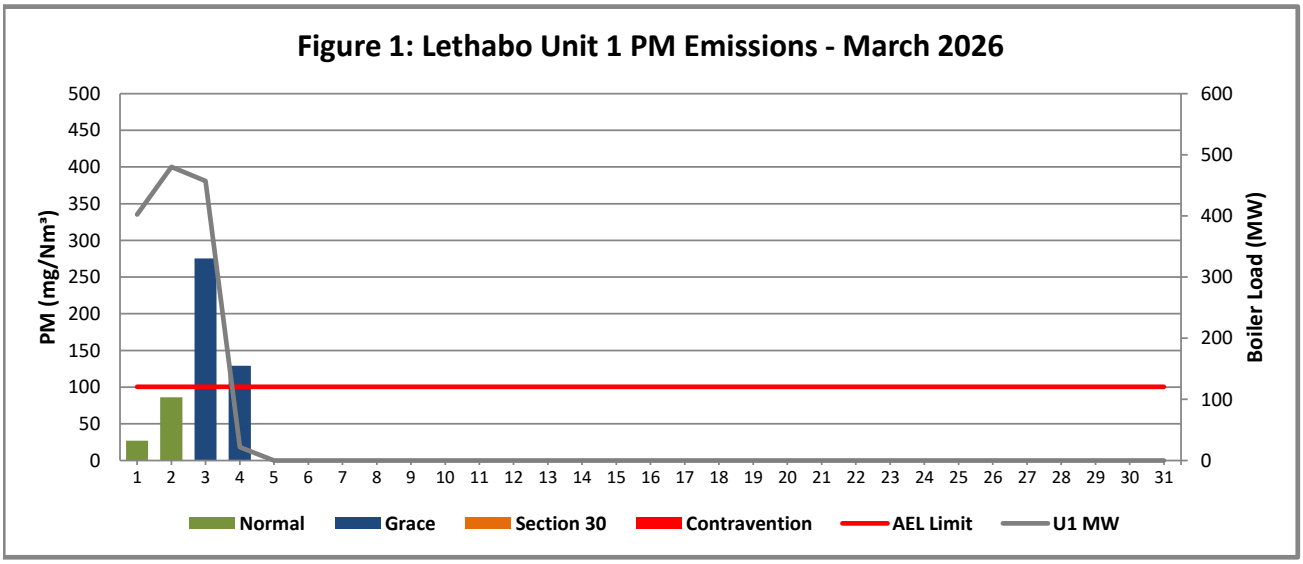
Table 6.4: NO_x AEL Daily Compliance - March 2026

Associated Unit/Stack	Normal	Grace	Section 30	NC	Total Exceedance	Mnth Avg (mg/Nm³)
Unit 1	4	0	0	0	0	829.5
Unit 2	25	0	0	0	0	541.5
Unit 3	27	0	0	0	0	944.9
Unit 4	28	0	0	0	0	789.7
Unit 5	30	0	0	0	0	703.2
Unit 6	31	0	0	0	0	899.2
SUM	**145**	**0**	**0**	**0**	**0**	

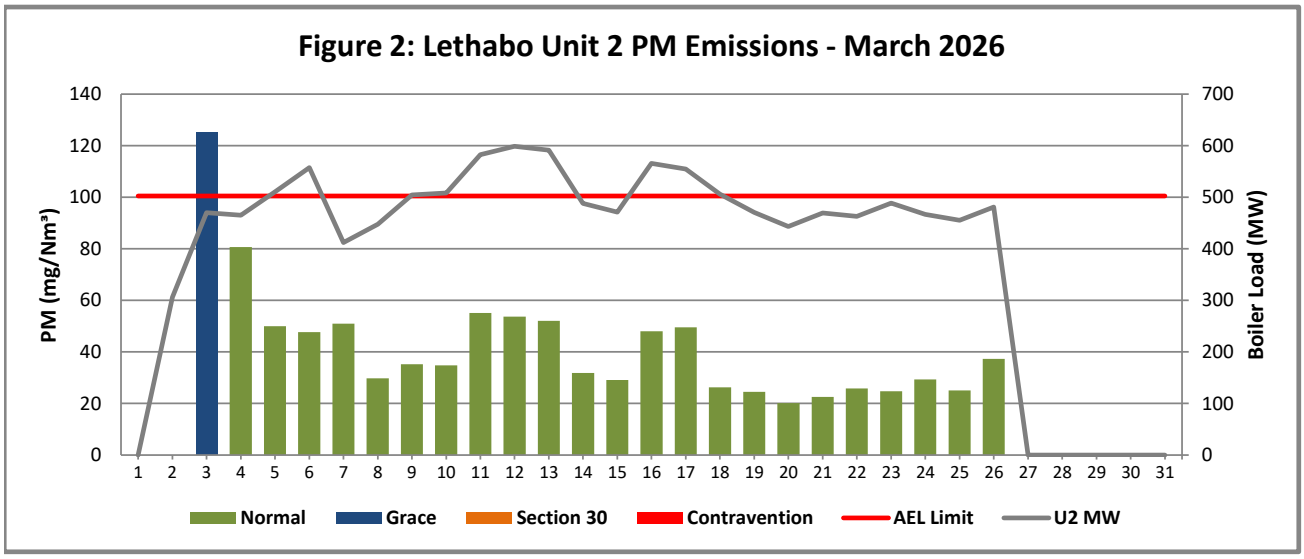
Note: Daily limit compliance is shown in the bar charts; monthly compliance is summarized in the table above.

Table 6.5: Legend Description

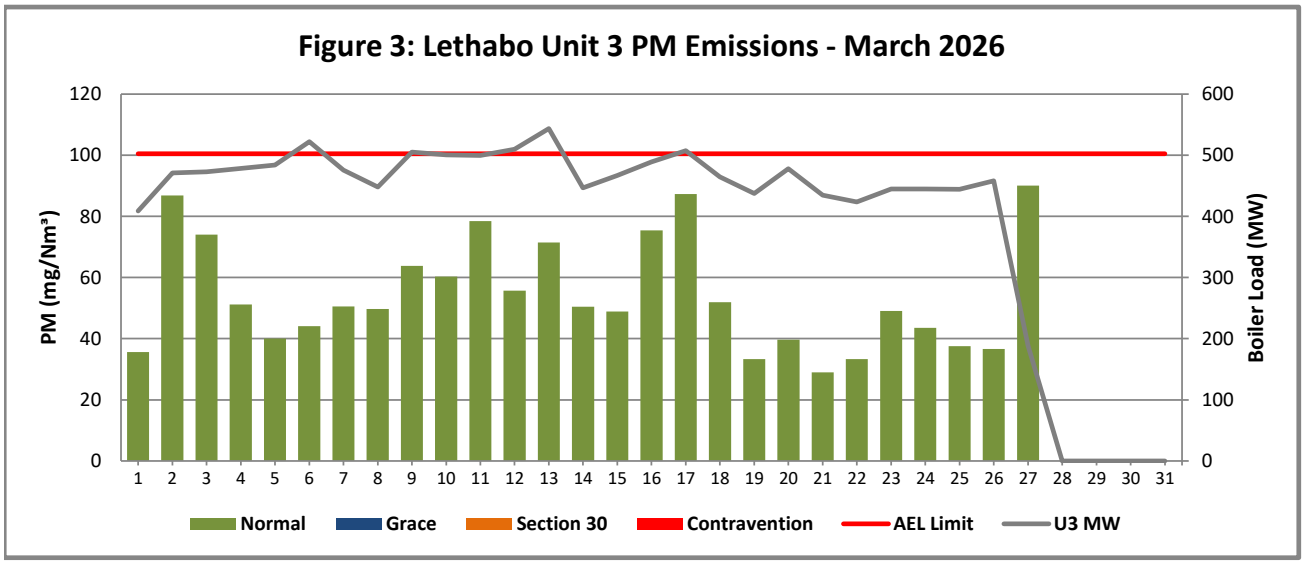
Condition	Colour	Description
Normal	GREEN	Emissions below Emission Limit Value (ELV)
Grace	BLUE	Emissions above the ELV during grace period
Section 30	ORANGE	Emissions above ELV during a NEMA S30 incident
Contravention	RED	Emissions above ELV but outside grace or S30 incident conditions

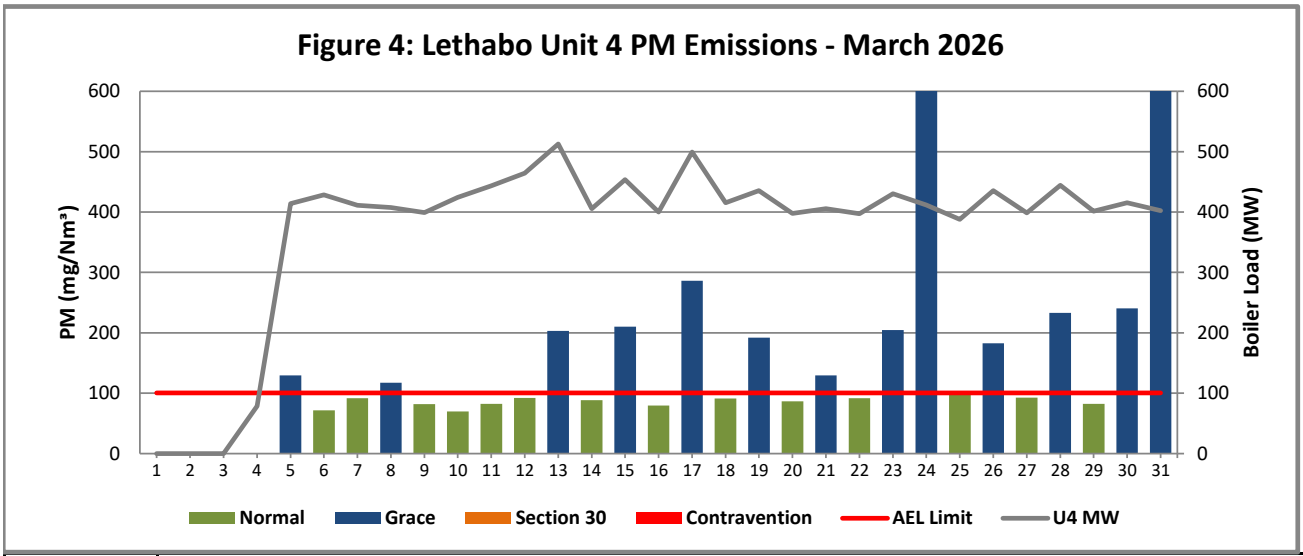


Reasons:	
Date	**Description**
03-Mar	Poor ESP casing performance. Clean rapping brought forward.
04-Mar	Unit 1 shutdown.



Date	Description
03-Mar	Unit 2 start up conditions.





Reasons:	
Date	**Description**
05-Mar	Unit 4 start up conditions.
08-Mar	Poor ESP casing performance. 2 x high hopper levels.
13-Mar	Poor ESP casings performance. DHP "B route" issues.
15-Mar	Poor ESP casings performance. Clean brought forward.
17-Mar	Poor ESP casings performance. Clean rapping done.
19-Mar	Poor ESP casings performance. Clean rapping done.
21-Mar	Poor ESP casing performance. Test rapping done.
23-Mar	Poor ESP casing performance.
24-Mar	Poor ESP casing performance. LHO ESP casing outage.
26-Mar	Poor ESP casing performance. Test rapping done.
28-Mar	Poor ESP casing performance. Test rapping done.
30-Mar	Poor ESP casing performance.
31-Mar	Poor ESP casing performance. Test rapping done. LHO ESP casing outage.

Figure 5: Lethabo Unit 5 PM Emissions - March 2026

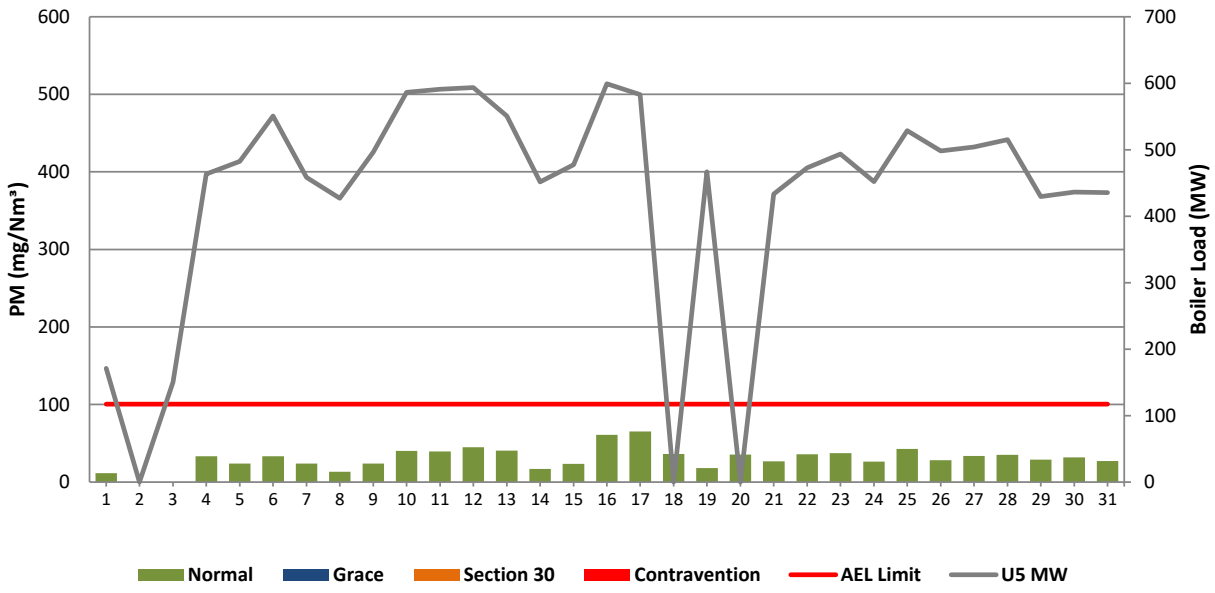
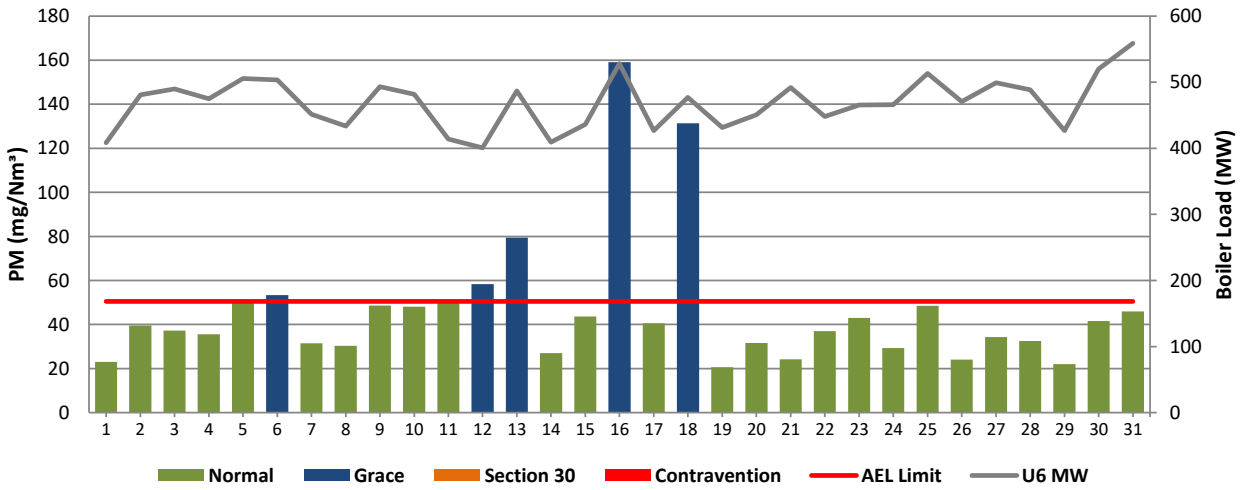
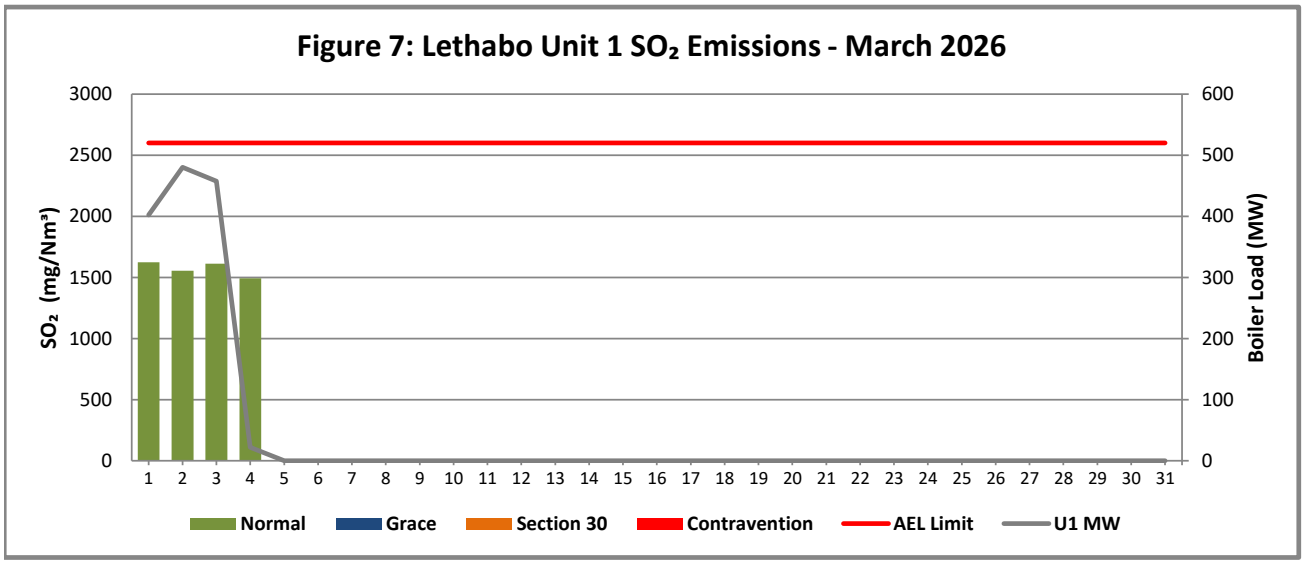
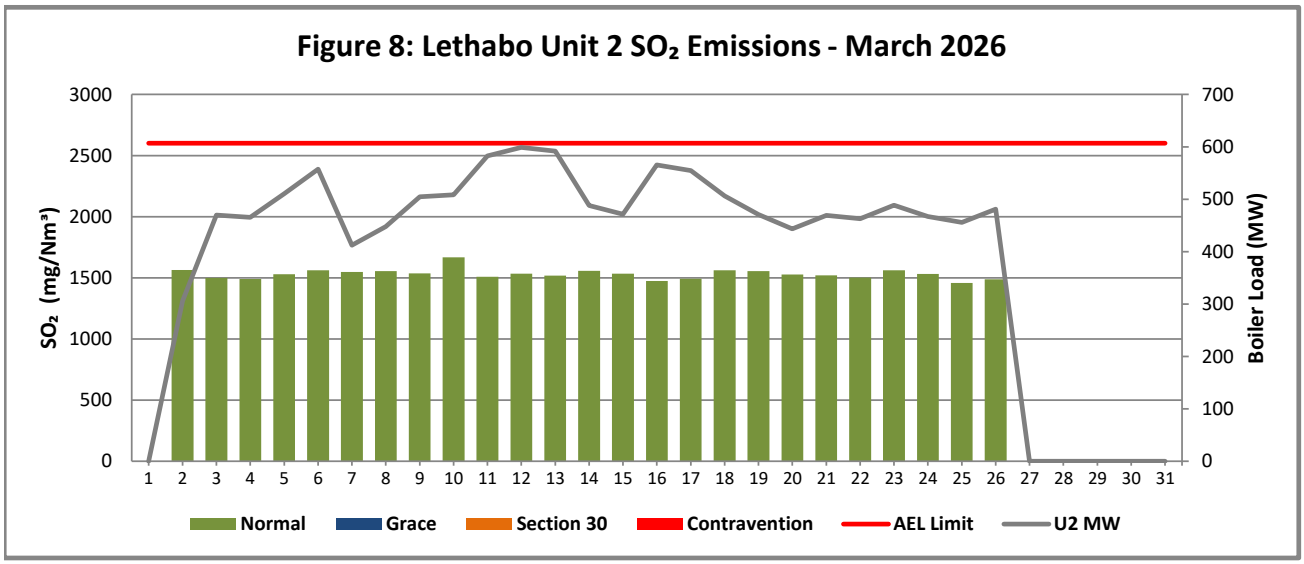


Figure 6: Lethabo Unit 6 PM Emissions - March 2026



Reasons:	
Date	**Description**
06-Mar	Poor ESP casing performance.
12-Mar	Poor ESP casings performance. Clean rapping brought forward.
13-Mar	Poor ESP casing performance.
16-Mar	Poor ESP casings performance. Clean rapping done.
18-Mar	Poor ESP casings performance. Clean rapping done.





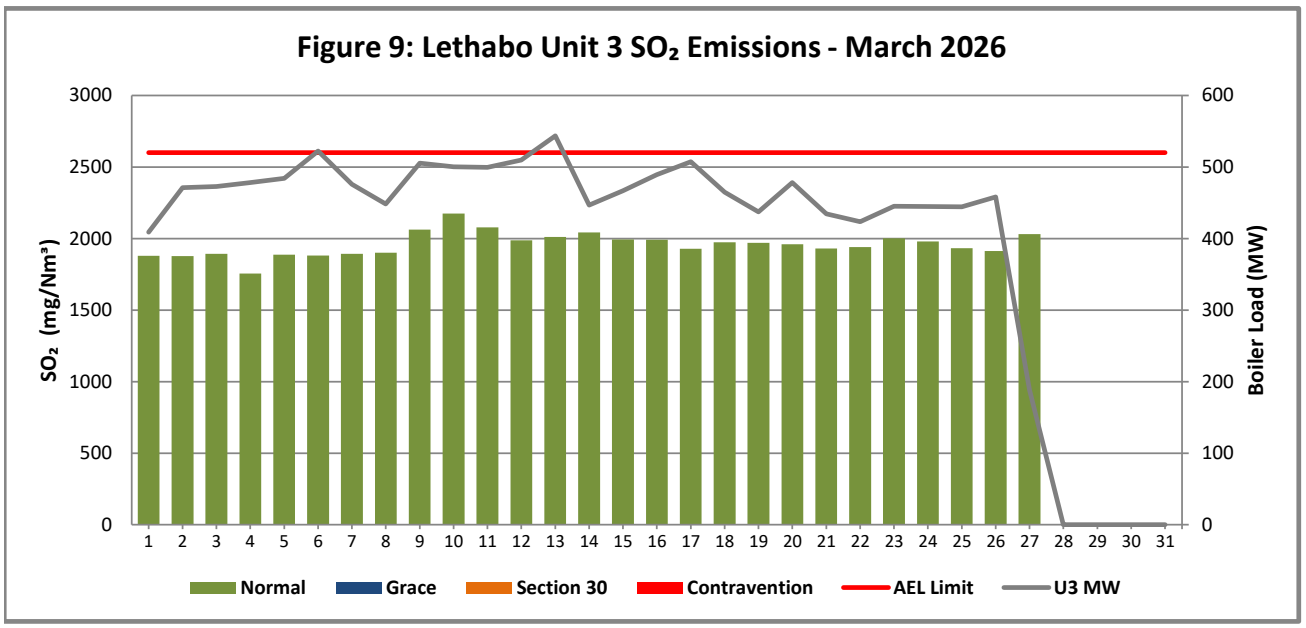


Figure 9: Lethabo Unit 3 SO₂ Emissions - March 2026
SO₂ (mg/Nm³)
Boiler Load (MW)
3000
2500
2000
1500
1000
500
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U3 MW

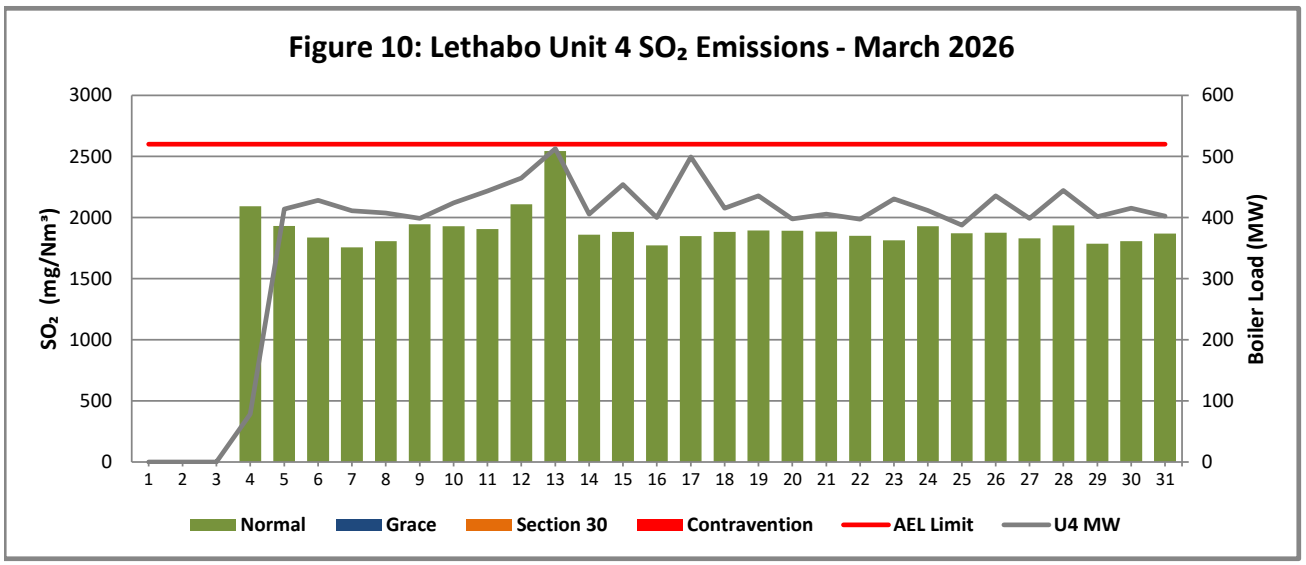


Figure 10: Lethabo Unit 4 SO₂ Emissions - March 2026
SO₂ (mg/Nm³)
Boiler Load (MW)
3000
2500
2000
1500
1000
500
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U4 MW

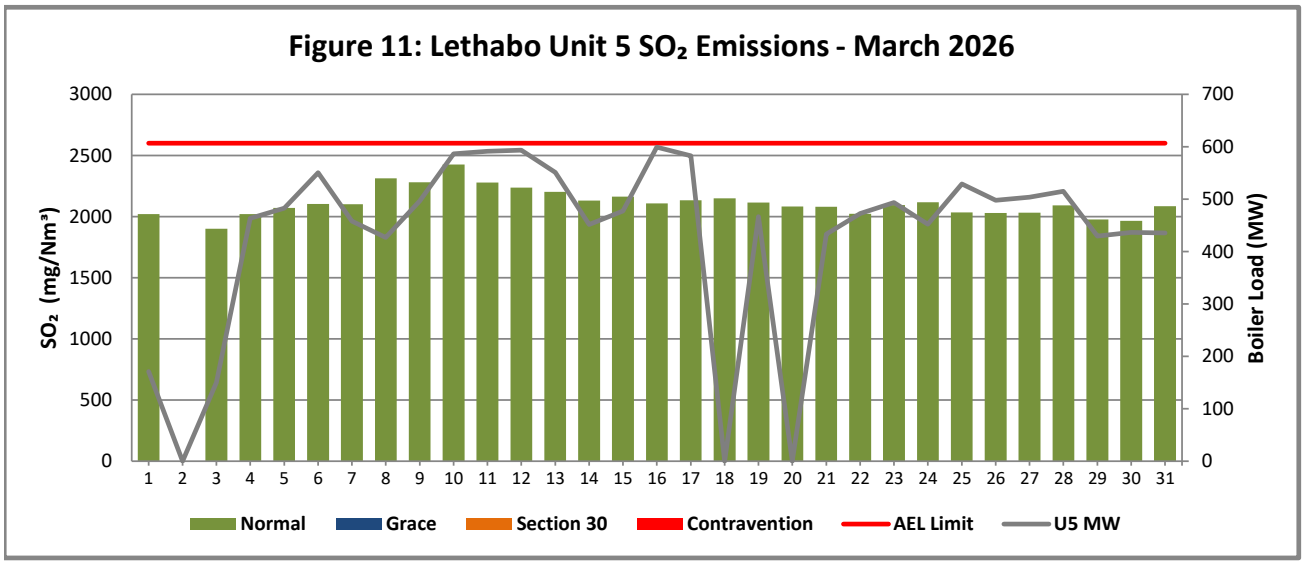


Figure 11: Lethabo Unit 5 SO₂ Emissions - March 2026
SO₂ (mg/Nm³)
Boiler Load (MW)
3000
2500
2000
1500
1000
500
0
700
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U5 MW

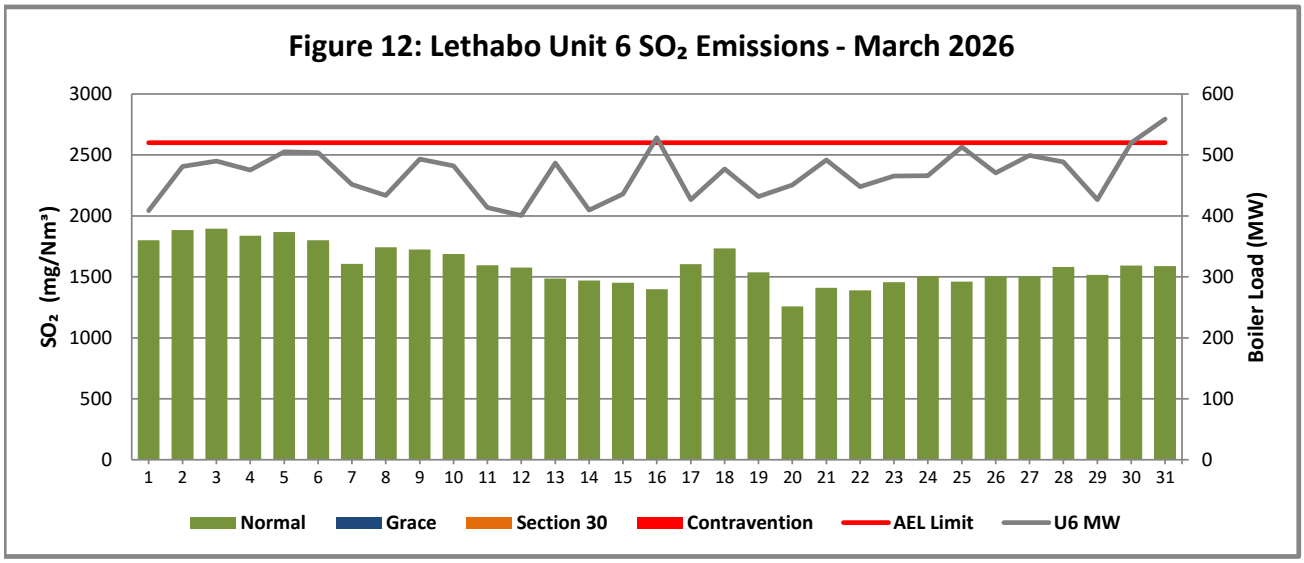


Figure 12: Lethabo Unit 6 SO₂ Emissions - March 2026
SO₂ (mg/Nm³)
Boiler Load (MW)
3000
2500
2000
1500
1000
500
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U6 MW

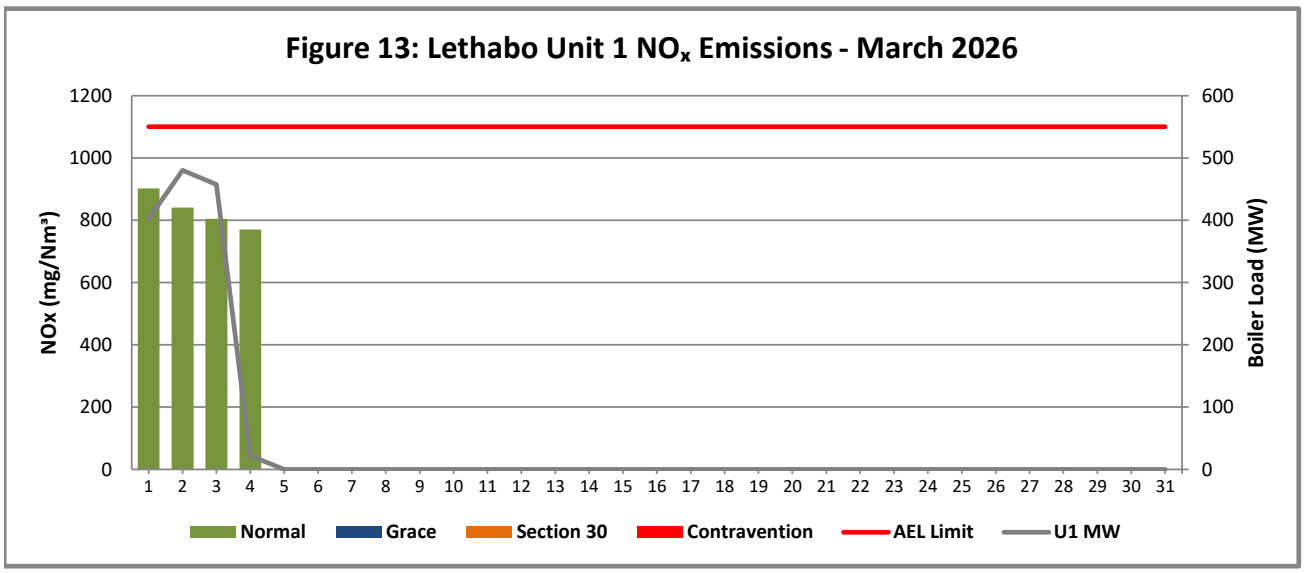


Figure 13: Lethabo Unit 1 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
0
200
400
600
800
1000
1200
0
100
200
300
400
500
600
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U1 MW

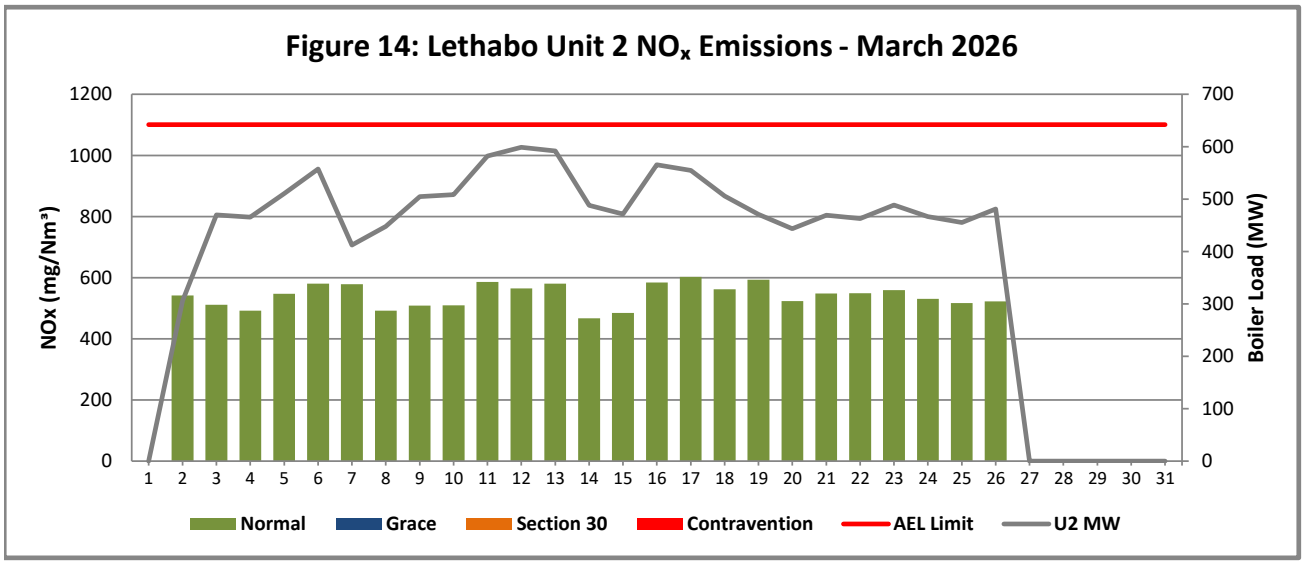


Figure 14: Lethabo Unit 2 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
0
200
400
600
800
1000
1200
0
100
200
300
400
500
600
700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U2 MW

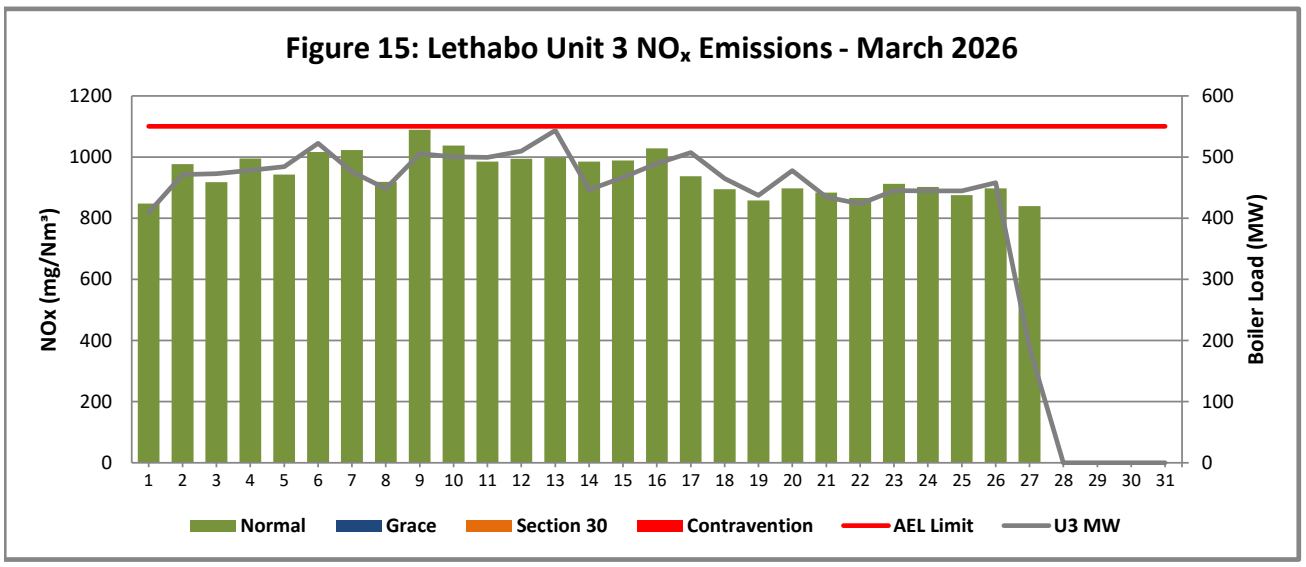


Figure 15: Lethabo Unit 3 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
1200
1000
800
600
400
200
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U3 MW

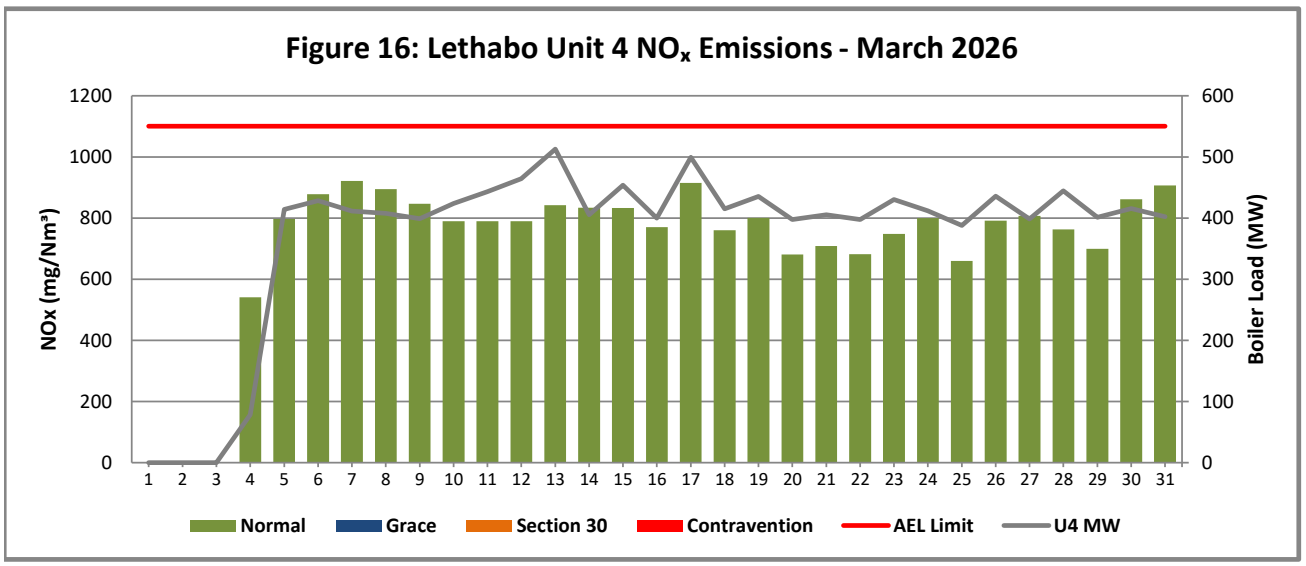


Figure 16: Lethabo Unit 4 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
1200
1000
800
600
400
200
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U4 MW

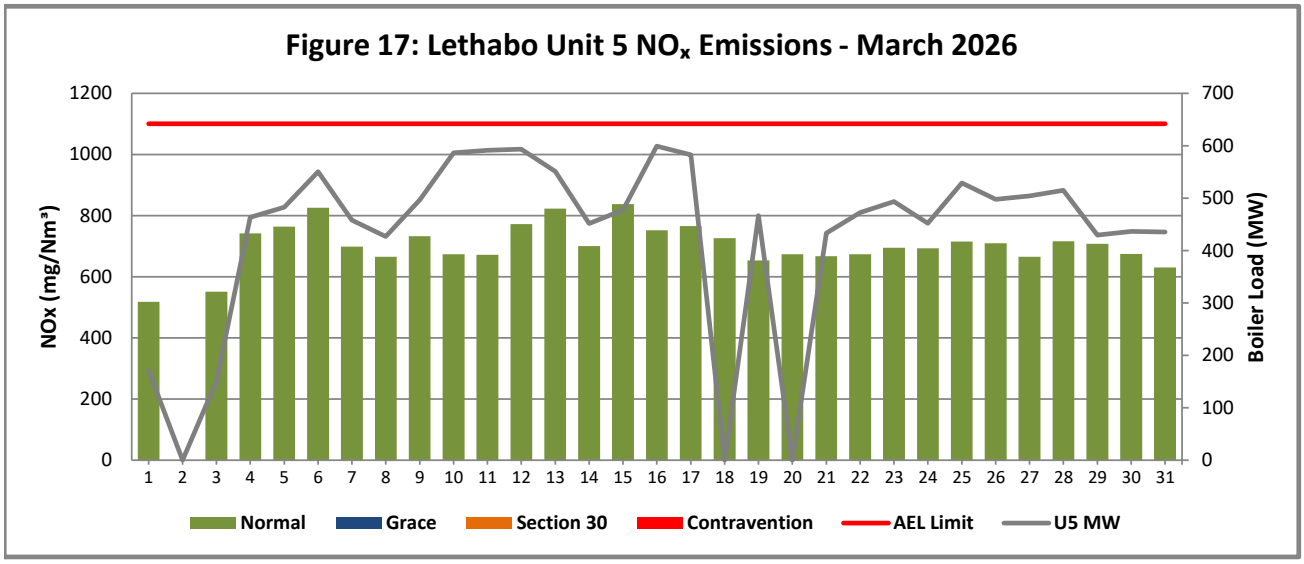


Figure 17: Lethabo Unit 5 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
1200
1000
800
600
400
200
0
700
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U5 MW

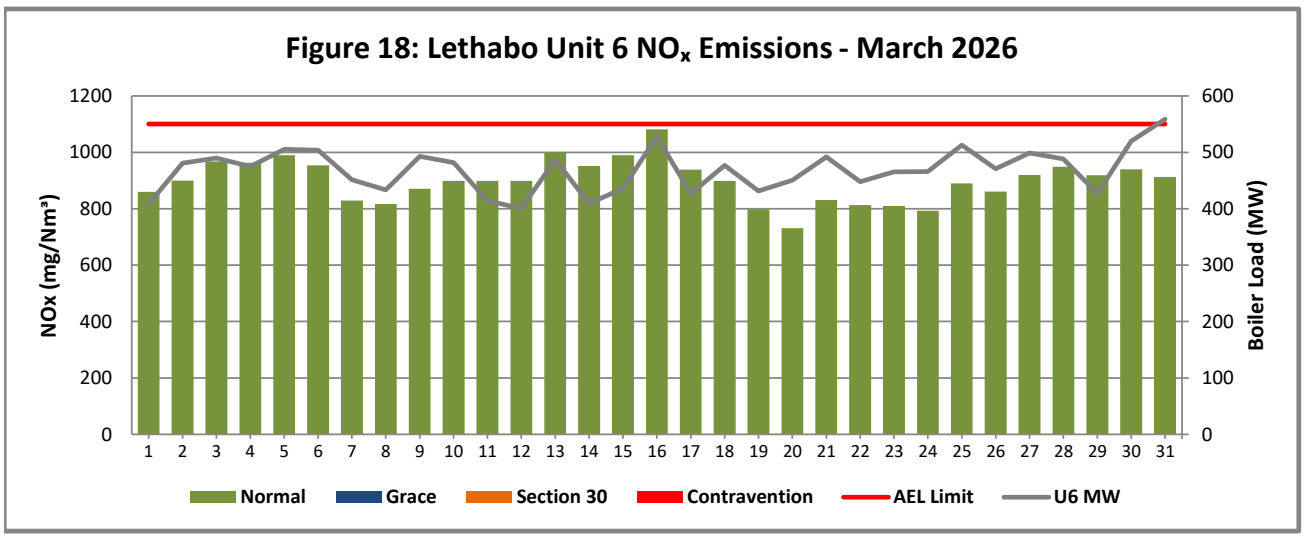


Figure 18: Lethabo Unit 6 NOx Emissions - March 2026
NOx (mg/Nm³)
Boiler Load (MW)
1200
1000
800
600
400
200
0
600
500
400
300
200
100
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Normal
Grace
Section 30
Contravention
AEL Limit
U6 MW

7 SHUT-DOWN AND LIGHT-UP INFORMATION FOR MARCH 2026

Unit 1 Events	Event 1		Event 2		Event 3	
Breaker Open (BO)	1:35 am	2026/03/04				
Draught Group (DG) Shut Down (SD)	5:05 pm	2026/03/04				
BO to DG SD (duration)	00:15:30	DD:HH:MM		DD:HH:MM		DD:HH:MM
Fires in time						
Synch. to Grid (or BC)						
Fires in to BC (duration)		DD:HH:MM		DD:HH:MM		DD:HH:MM
Emissions below limit from BC (end date)						
Emissions below limit from BC (duration)		DD:HH:MM		DD:HH:MM		DD:HH:MM
Unit 2 Events	Event 1		Event 2		Event 3	
Breaker Open (BO)	8:40 am	2026/03/07	10:40 pm	2026/03/26	BO previo	BO previously
Draught Group (DG) Shut Down (SD)	9:25 am	2026/03/07	2:00 am	2026/03/27	n/a	n/a
BO to DG SD (duration)	00:00:45	DD:HH:MM	00:03:20	DD:HH:MM	n/a	DD:HH:MM
Fires in time	11:40 am	2026/03/07	11:59 pm	2026/03/31	9:45 pm	2026/03/01
Synch. to Grid (or BC)	12:40 pm	2026/03/07				
Fires in to BC (duration)	00:01:00	DD:HH:MM		DD:HH:MM		DD:HH:MM
Emissions below limit from BC	12:00 am	2026/03/08	not > limit	not > limit	not > limit	not > limit
Emissions below limit from BC (duration)	00:11:20	DD:HH:MM		DD:HH:MM		DD:HH:MM
Unit 3 Events	Event 1		Event 2		Event 3	
Breaker Open (BO)	12:30 am	2026/03/27				
Draught Group (DG) Shut Down (SD)	9:55 pm	2026/03/28				
BO to DG SD	01:21:25	DD:HH:MM		DD:HH:MM		DD:HH:MM
Fires in time	11:59 pm	2026/03/31				
Synch. to Grid (or BC)						
Fires in to BC (duration)		DD:HH:MM		DD:HH:MM		DD:HH:MM
Emissions below limit from	not > limit	not > limit				
Emissions below limit from BC (duration)		DD:HH:MM		DD:HH:MM		DD:HH:MM
Unit 4 Events	Event 1		Event 2		Event 3	
Breaker Open (BO)	10:40 am	2026/03/01				
Draught Group (DG) Shut Down (SD)	2:25 pm	2026/03/01				
BO to DG SD (duration)	00:03:45	DD:HH:MM		DD:HH:MM		DD:HH:MM
Fires in time	3:35 pm	2026/03/04				
Synch. to Grid (or BC)	4:10 pm	2026/03/04				
Fires in to BC (duration)	00:00:35	DD:HH:MM		DD:HH:MM		DD:HH:MM
Emissions below limit from	2:00 am	2026/03/06				
Emissions below limit from	01:09:50	DD:HH:MM		DD:HH:MM		DD:HH:MM

8. MAINTENANCE

Unit 1				
Beginning of Maintenance				
Reason for Maintenance				
End (Time):				
Duration				

Unit 2				
Beginning of Maintenance				
Reason for Maintenance				
End (Time):				
Duration				

Unit 3				
Beginning of Maintenance				
Reason for Maintenance				
End (Time):				
Duration				

Unit 4				
Beginning of Maintenance	2026/03/24 12:30:00	2026/03/31 12:20:00		
Reason for Maintenance	LHO casing repairs.	LHO casing repairs.		
End (Time):	2026/03/25 08:32:00	2026/03/31 23:59:00		
Duration	20:02:00	11:39:00		

Unit 5				
Beginning of Maintenance				
Reason for Maintenance				
End (Time):				
Duration				

Unit 6				
Beginning of Maintenance				
Reason for Maintenance				
End (Time):				
Duration				

9 COMPLAINTS

There was one complaint for the Month of March 2026

Source Code / Name	Root Cause Analysis	Calculation of Impacts / emissions associated with the incident	Dispersion modeling of pollutants where applicable	Measures implemented to prevent reoccurrence	
High stack emissions	*Plant challenges caused by aging plant*			*Implement a short-term casing outage schedule to address internal ESP defects*	

10 GENERAL

CO2 and Velocity Monitors Low Reliability Units 1-6:
Due to correction of bad data as per internal emission data integrity review actions in 2021 and 2022. Bad Velocity data and Bad CO2 data were corrected/removed as per the review actions and findings.

Unit 6 NOx Monitor faulty
On the 07th and 18 March 2026 Monitor faulty due to blower tripped

On the 19th March 2026 , unit 1 NOx Monitor was taken to Unit 6 due to challenges which was experienced
Unit 6 NOx monitor was sent for repairs

ADDENDUM TO MONTHLY EMISSIONS REPORT

10. S30 INCIDENT OR LEGAL CONTRAVENTION REGISTER

To be completed in the case of a S30 incident or a legal contravention:

Unit no	Incident Start Date	Incident End Date	Incident Cause	Remedial action	S30 initial notification sent	Date S30 investigation report sent	Date DEA Acknowledg-ment	Date DEA Acceptable	Comments / Reference No.

11. PARTICULATE EMISSIONS

EMISSION RATE (ACTUAL EMISSION/MWh GENERATED - kg/MWh)

MONTH	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	STATION
Feb-25	1.50	0.56	7.43	0.49	1.94	0.50	1.47
Mar-25	1.38	0.67	1.83	0.58	2.33	0.46	1.25
Apr-25	16.13	OFF	1.50	6.27	2.31	0.40	5.12
May-25	16.16	OFF	1.28	0.81	0.57	0.25	3.33
Jun-25	0.60	OFF	0.45	0.49	0.52	0.25	0.47
Jul-25	0.50	OFF	0.40	0.73	1.07	0.07	0.66
Aug-25	0.60	OFF	0.39	0.59	0.68	0.62	0.58
Sept-25	0.61	0.18	0.28	1.07	2.17	0.20	0.67
Oct-25	0.48	0.29	0.36	0.77	OFF	0.23	0.41
Nov-25	0.61	0.24	0.34	1.02	OFF	0.18	0.48
Dec-25	0.54	0.37	0.48	1.20	OFF	0.21	0.54
Jan-26	0.99	0.39	0.42	0.53	OFF	0.27	0.53
Feb-26	0.88	0.24	0.40	1.06	0.17	0.31	0.54
Mar-26	0.80	0.21	0.33	1.64	0.20	0.29	0.51

ADDENDUM TO MONTHLY EMISSIONS REPORT

12. DAILY EMISSIONS FIGURES

Final Dust Concentration (mg/Nm³)

Date	U1	U2	U3	U4	U5	U6	Limit (U1-U5)	Limit U6
01-Mar	27		36		11	23	100	50
02-Mar	86		87			40	100	50
03-Mar	275	125	74			37	100	50
04-Mar	129	81	51		33	36	100	50
05-Mar		50	40	129	24	50	100	50
06-Mar		48	44	72	33	53	100	50
07-Mar		51	51	92	24	31	100	50
08-Mar		30	50	117	13	30	100	50
09-Mar		35	64	82	24	49	100	50
10-Mar		35	60	70	40	48	100	50
11-Mar		55	79	82	40	50	100	50
12-Mar		54	56	92	45	58	100	50
13-Mar		52	71	203	41	79	100	50
14-Mar		32	50	88	17	27	100	50
15-Mar		29	49	210	24	44	100	50
16-Mar		48	75	80	61	159	100	50
17-Mar		50	87	286	65	41	100	50
18-Mar		26	52	91	36	131	100	50
19-Mar		25	33	192	18	21	100	50
20-Mar		20	40	86	35	32	100	50
21-Mar		23	29	130	27	24	100	50
22-Mar		26	33	92	36	37	100	50
23-Mar		25	49	204	37	43	100	50
24-Mar		29	44	848	26	29	100	50
25-Mar		25	38	100	43	48	100	50
26-Mar		37	37	183	28	24	100	50
27-Mar			90	93	34	34	100	50
28-Mar				233	35	33	100	50
29-Mar				83	29	22	100	50
30-Mar				241	32	42	100	50
31-Mar				2617	27	46	100	50

ADDENDUM TO MONTHLY EMISSIONS REPORT

Final SOx Concentration (mg/Nm³)

Date	U1	U2	U3	U4	U5	U6	**Limit**
01-Mar	1624		1879		2020	1800	2600
02-Mar	1556	1563	1878			1885	2600
03-Mar	1614	1499	1892		1901	1894	2600
04-Mar	1493	1490	1755	2093	2020	1838	2600
05-Mar		1530	1887	1932	2070	1868	2600
06-Mar		1562	1882	1836	2103	1801	2600
07-Mar		1549	1892	1757	2101	1607	2600
08-Mar		1555	1901	1807	2314	1742	2600
09-Mar		1536	2063	1945	2281	1724	2600
10-Mar		1668	2175	1930	2427	1687	2600
11-Mar		1509	2078	1906	2278	1596	2600
12-Mar		1534	1988	2110	2237	1578	2600
13-Mar		1518	2011	2545	2203	1486	2600
14-Mar		1556	2042	1859	2132	1471	2600
15-Mar		1533	1993	1882	2164	1451	2600
16-Mar		1473	1992	1772	2109	1398	2600
17-Mar		1491	1929	1849	2134	1605	2600
18-Mar		1561	1974	1884	2149	1734	2600
19-Mar		1555	1970	1894	2115	1537	2600
20-Mar		1528	1960	1892	2083	1259	2600
21-Mar		1521	1931	1885	2080	1409	2600
22-Mar		1502	1940	1852	2022	1390	2600
23-Mar		1562	2001	1814	2094	1457	2600
24-Mar		1531	1980	1930	2118	1505	2600
25-Mar		1458	1932	1873	2036	1461	2600
26-Mar		1488	1913	1876	2030	1502	2600
27-Mar			2031	1830	2032	1503	2600
28-Mar				1936	2092	1581	2600
29-Mar				1786	1976	1517	2600
30-Mar				1808	1966	1593	2600
31-Mar				1870	2086	1587	2600

ADDENDUM TO MONTHLY EMISSIONS REPORT

Final NOx Concentration (mg/Nm³)

Date	U1	U2	U3	U4	U5	U6	**Limit**
01-Mar	902		848		518	860	1100
02-Mar	841	542	977			900	1100
03-Mar	804	511	918		552	968	1100
04-Mar	770	492	995	541	742	963	1100
05-Mar		547	943	797	764	990	1100
06-Mar		580	1017	879	826	954	1100
07-Mar		578	1023	922	699	829	1100
08-Mar		492	919	895	666	817	1100
09-Mar		509	1089	847	733	871	1100
10-Mar		509	1038	790	673	899	1100
11-Mar		586	985	790	672	899	1100
12-Mar		565	995	790	772	899	1100
13-Mar		580	998	842	823	1000	1100
14-Mar		467	985	834	701	952	1100
15-Mar		485	989	833	838	990	1100
16-Mar		584	1028	770	752	1081	1100
17-Mar		603	938	915	766	939	1100
18-Mar		562	895	760	727	899	1100
19-Mar		594	858	801	654	798	1100
20-Mar		523	898	681	674	731	1100
21-Mar		548	884	708	667	831	1100
22-Mar		549	866	682	674	813	1100
23-Mar		559	912	749	695	810	1100
24-Mar		531	902	800	693	793	1100
25-Mar		517	875	660	715	890	1100
26-Mar		523	897	792	709	861	1100
27-Mar			839	807	665	920	1100
28-Mar				763	716	948	1100
29-Mar				700	708	919	1100
30-Mar				862	674	940	1100
31-Mar				907	630	913	1100

13. AVAILABILITY

ESP utilisation

Availability												
Month	Unit 1	Days Affected	Unit 2	Days Affected	Unit 3	Days Affected	Unit 4	Days Affected	Unit 5	Days Affected	Unit 6	Days Affected
Feb-25	99.18%	0.92	99.84%	0.17	100.00%	0.00	100.00%	0.00	100.00%	0.00	98.90%	1.24
Mar-25	98.08%	2.4	99.27%	0.9	98.99%	1.3	100.00%	0.0	95.52%	5.6	100.00%	0.00
Apr-25	98.21%	2.15	100.00%	0.00	100.00%	0.00	100.00%	0.00	97.50%	3.00	98.48%	1.82
May-25	99.33%	0.84	100.00%	0.00	97.26%	3.39	100.00%	0.00	100.00%	0.00	100.00%	0.00
Jun-25	98.12%	2.3	100.00%	0.0	100.00%	0.0	100.00%	0.0	99.16%	1.0	100.00%	0.00
Jul-25	97.94%	2.6	100.00%	0.0	100.00%	0.0	100.00%	0.0	98.41%	2.0	100.00%	0.00
Aug-25	97.72%	2.8	100.00%	0.0	99.62%	0.5	99.33%	0.8	98.18%	2.3	100.00%	0.00
Sept-25	96.23%	4.5	100.00%	0.0	100.00%	0.0	100.00%	0.0	100.00%	0.0	99.17%	0.99
Oct-25	100.00%	0.0	100.00%	0.0	99.21%	1.0	100.00%	0.0	100.00%	0.0	100.00%	0.0
Nov-25	97.77%	2.7	100.00%	0.0	99.18%	1.0	100.00%	0.0	100.00%	0.0	100.00%	0.0
Dec-25	97.24%	3.4	100.00%	0.0	100.00%	0.0	100.00%	0.0	100.00%	0.0	100.00%	0.0
Jan-26	97.66%	2.9	100.00%	0.0	100.00%	0.0	100.00%	0.0	100.00%	0.0	100.00%	0.0
Feb-26	99.30%	0.8	100.00%	0.0	100.00%	0.0	98.20%	2.0	100.00%	0.0	100.00%	0.0
Mar-26	100.00%	0.0	100.00%	0.0	100.00%	0.0	98.94%	1.3	100.00%	0.0	100.00%	0.0

SO3 plant utilisation

Availability												
Month	Unit 1	Days Affected	Unit 2	Days Affected	Unit 3	Days Affected	Unit 4	Days Affected	Unit 5	Days Affected	Unit 6	Days Affected
Oct-24	99.85%	0.0	95.65%	1.3	Off-line	Off-line	98.92%	0.3	93.82%	1.9	99.59%	0.13
Nov-24	99.99%	0.00	96.60%	1.02	Off-line	Off-line	99.17%	0.25	97.46%	0.76	99.21%	0.24
Dec-24	52.80%	14.6	27.08%	22.6	Off-line	Off-line	77.33%	7.0	66.67%	10.3	60.94%	12.11
Jan-25	95.59%	1.4	93.50%	2.0	Off-line	Off-line	96.18%	1.2	90.28%	3.0	94.33%	1.76
Feb-25	91.37%	2.4	95.28%	1.3	67.36%	9.14	95.45%	1.3	91.35%	2.4	97.77%	0.62
Mar-25	98.52%	0.5	96.36%	1.1	85.05%	4.63	98.61%	0.4	99.91%	0.0	88.42%	3.59
Apr-25	95.63%	1.3	Off-line	Offline	91.27%	2.62	85.62%	4.3	88.61%	3.4	99.78%	0.07
May-25	96.57%	1.1	Off-line	Offline	98.12%	0.58	99.01%	0.3	100.00%	0.0	99.03%	0.30
Jun-25	99.86%	0.0	Off-line	Offline	99.25%	0.22	99.83%	0.1	98.19%	0.5	99.22%	0.24
Jul-25	99.87%	0.0	Off-line	Offline	99.06%	0.29	100.00%	0.0	98.79%	0.4	66.67%	10.33
Aug-25	99.73%	0.1	Off-line	Offline	96.41%	1.11	98.87%	0.4	99.87%	0.0	98.06%	0.60
Sept-25	99.17%	0.2	94.99%	1.5	99.31%	0.21	95.14%	1.5	86.85%	3.9	98.73%	0.38
Oct-25	99.54%	0.1	99.04%	0.3	93.28%	2.08	93.04%	2.2	OFF	OFF	98.96%	0.3
Nov-25	97.96%	0.6	99.97%	0.0	98.06%	0.58	87.67%	3.7	OFF	OFF	96.77%	1.0
Dec-25	97.92%	0.6	97.39%	0.8	89.91%	3.13	98.00%	0.6	OFF	OFF	95.34%	1.4
Jan-26	97.98%	0.6	96.81%	1.0	99.16%	0.26	94.41%	1.7	OFF	OFF	96.20%	1.2
Feb-26	100.00%	0.0	99.80%	0.1	99.83%	0.05	100.00%	0.0	91.67%	2.3	99.70%	0.1
Mar-26	90.79%	2.9	99.53%	0.1	95.22%	1.48	100.00%	0.0	98.78%	0.4	100.00%	0.0

ADDENDUM TO MONTHLY EMISSIONS REPORT

Particulate Emission Monitors

Availability						
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Feb-25	98.72%	97.70%	85.64%	99.62%	93.53%	98.72%
Mar-25	93.15%	96.04%	96.08%	99.85%	92.61%	97.36%
Apr-25	71.99%	OFF	99.17%	87.49%	94.03%	99.11%
May-25	67.27%	OFF	98.66%	99.17%	98.40%	99.86%
Jun-25	96.88%	OFF	98.09%	99.48%	98.44%	99.22%
Jul-25	99.46%	OFF	100.00%	99.45%	98.39%	66.67%
Aug-25	99.03%	Exempt	99.71%	99.58%	99.46%	99.17%
Sept-25	99.71%	99.72%	100.00%	99.17%	92.68%	99.83%
Oct-25	97.69%	95.33%	97.78%	99.43%	OFF	99.71%
Nov-25	99.57%	99.78%	98.47%	99.17%	OFF	100.00%
Dec-25	98.86%	97.13%	97.07%	99.38%	OFF	99.47%
Jan-26	98.30%	100.00%	99.60%	99.80%	OFF	100.00%
Feb-26	99.10%	100.00%	100.00%	99.70%	99.70%	100.00%
Mar-26	100.00%	100.00%	96.30%	98.80%	100.00%	98.30%

Gaseous Emission Monitors

Availability												
	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Unit 6	
Month	SOx	NOx	SOx	NOx	SOx	NOx	SOx	NOx	SOx	NOx	SOx	NOx
Feb-25	98.2%	100.0%	100.0%	99.6%	86.1%	85.2%	96.0%	96.0%	94.6%	94.6%	96.2%	96.2%
Mar-25	93.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Apr-25	98.6%	98.6%	OFF	OFF	98.6%	98.6%	92.6%	91.9%	99.2%	99.2%	99.2%	99.2%
May-25	97.6%	97.6%	OFF	OFF	98.1%	98.1%	97.5%	97.5%	97.8%	97.8%	98.1%	98.1%
Jun-25	99.9%	99.9%	OFF	OFF	96.0%	96.0%	99.8%	99.8%	99.7%	99.6%	99.6%	99.8%
Jul-25	99.7%	99.7%	OFF	OFF	99.7%	99.7%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%
Aug-25	100.0%	87.9%	100.0%	98.0%	93.6%	87.4%	84.9%	84.9%	96.0%	86.2%	77.9%	93.9%
Sept-25	94.7%	94.7%	94.0%	91.5%	95.0%	95.0%	95.0%	95.0%	98.1%	98.1%	93.5%	93.5%
Oct-25	100.0%	99.7%	99.9%	99.0%	100.0%	100.0%	100.0%	99.6%	OFF	OFF	100.0%	100.0%
Nov-25	100.0%	100.0%	100.0%	99.8%	100.0%	100.0%	100.0%	100.0%	OFF	OFF	94.4%	94.4%
Dec-25	100.0%	100.0%	84.4%	84.4%	99.3%	99.4%	100.0%	100.0%	OFF	OFF	99.8%	99.8%
Jan-26	99.6%	99.6%	99.6%	99.4%	99.6%	99.6%	99.1%	99.1%	55.0%	100.0%	99.6%	99.5%
Feb-26	99.6%	99.9%	99.8%	97.9%	100.0%	100.0%	100.0%	92.4%	100.0%	100.0%	100.0%	100.0%
Mar-26	98.0%	100.0%	98.0%	97.8%	98.1%	98.1%	92.6%	85.6%	98.5%	98.6%	98.3%	79.8%

Oxygen Monitor Availability						
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Feb-25	99.70%	99.24%	85.19%	95.83%	94.39%	60.94%
Mar-25	100.00%	100.00%	100.00%	100.00%	99.81%	99.87%
Apr-25	98.74%	OFF	98.44%	92.56%	99.03%	99.00%
May-25	97.27%	OFF	97.98%	97.53%	97.52%	97.98%
Jun-25	99.72%	OFF	95.83%	99.83%	99.57%	99.64%
Jul-25	99.73%	OFF	99.73%	99.73%	99.60%	100.00%
Aug-25	87.50%	100.00%	85.42%	87.32%	87.98%	95.47%
Sept-25	94.57%	93.90%	94.86%	94.86%	98.06%	93.53%
Oct-25	100.00%	99.73%	99.86%	100.00%	OFF	100.00%
Nov-25	100.00%	100.00%	72.50%	99.80%	OFF	94.40%
Dec-25	100.00%	100.00%	72.50%	99.80%	OFF	94.40%
Jan-26	99.46%	99.46%	99.60%	99.48%	100.00%	99.33%
Feb-26	99.70%	99.50%	99.80%	100.00%	100.00%	100.00%
Mar-26	100.00%	98.70%	98.60%	92.30%	98.30%	92.60%

ADDENDUM TO MONTHLY EMISSIONS REPORT

14. EFFICIENCY

ESP Efficiency (%)						
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Feb-25	99.455%	99.758%	97.777%	99.804%	99.266%	99.787%
Mar-25	99.510%	99.690%	97.280%	99.770%	99.010%	99.780%
Apr-25	94.943%	Unit Off-line	99.464%	97.853%	99.121%	99.825%
May-25	93.936%	Unit Off-line	99.442%	99.670%	99.743%	99.863%
Jun-25	99.760%	Unit Off-line	99.800%	99.790%	99.743%	99.880%
Jul-25	99.804%	Unit Off-line	99.823%	99.693%	99.501%	99.967%
Aug-25	99.774%	Off-line	99.833%	99.780%	99.701%	99.668%
Sept-25	99.760%	99.902%	99.874%	99.542%	98.953%	99.904%
Oct-25	99.830%	99.880%	99.840%	99.660%	Unit Off-line	99.900%
Nov-25	99.780%	99.900%	99.860%	99.610%	Unit Off-line	99.901%
Dec-25	99.810%	99.870%	99.810%	99.570%	Unit Off-line	99.900%
Jan-26	99.650%	99.850%	99.830%	99.790%	Unit Off-line	99.890%
Feb-26	99.682%	99.906%	99.836%	99.574%	99.928%	99.700%
Mar-26	99.692%	99.903%	99.853%	99.294%	99.913%	99.877%

15. REMARKS

UNIT	MWLOSS	REASON	ACTUALSTARTDATE	ACTUALENDDATE
1	178	AM: High stack emissions	2026/03/01 00:00:00	2026/03/02 01:10:00
1	593	Gen rotor earth fault.	2026/03/04 01:33:00	2026/03/31 23:59:59
2	593	Boiler tube leak	2026/03/01 00:00:00	2026/03/01 05:18:00
2	0	Cold Reserve	2026/03/01 05:18:00	2026/03/02 07:44:00
2	212	Boiler pressure unstable.	2026/03/02 22:57:00	2026/03/03 01:16:00
2	181	high stack emissions	2026/03/04 19:22:00	2026/03/05 00:37:00
2	593	Trip on low drum level	2026/03/07 08:34:00	2026/03/07 12:34:00
2	593	Gen stator repairs	2026/03/26 22:31:00	2026/03/31 23:59:59
3	111	Poor condenser vacuum	2026/03/06 21:50:00	2026/03/07 06:59:00
3	18	High sox and nox	2026/03/09 16:14:00	2026/03/09 19:43:00
3	36	High Nox and Sox.	2026/03/09 19:43:00	2026/03/09 22:13:00
3	114	High Nox.	2026/03/09 22:13:00	2026/03/10 01:53:00
3	34	High Nox and Sox	2026/03/10 05:53:00	2026/03/10 17:50:00
3	25	High Sox & Nox	2026/03/10 17:50:00	2026/03/11 05:35:00
3	21	High Sox & Nox	2026/03/11 05:35:00	2026/03/12 05:41:00
3	127	T13C gearbox repair	2026/03/13 23:25:00	2026/03/13 23:38:00
3	162	T13C gearbox repair	2026/03/13 23:38:00	2026/03/14 07:52:00
3	0	Cold Reserve	2026/03/27 00:25:00	2026/03/29 12:00:00
3	593	Precip casings and main condenser washing	2026/03/29 12:00:00	2026/03/31 23:59:59
4	593	Fuel oil repairs and Vacuum flashing & LH PA FAN MOTOR Replacement.	2026/03/01 00:00:00	2026/03/04 13:34:00
4	593	Outage slip Fuel oil repairs and Vacuum flashing & LH PA FAN MOTOR Replacement.	2026/03/04 13:34:00	2026/03/04 16:05:00
4	377	BFPT faulty	2026/03/04 19:05:00	2026/03/05 05:45:00
4	247	BFPT faulty	2026/03/05 05:46:00	2026/03/05 06:47:00
4	40	High stack emissions	2026/03/06 07:09:00	2026/03/06 09:04:00
4	140	High stack emissions	2026/03/06 09:04:00	2026/03/07 04:44:00
4	136	High stack emissions	2026/03/09 15:56:00	2026/03/09 16:43:00
4	160	High stack emissions.	2026/03/09 16:43:00	2026/03/10 07:01:00
4	37	High stack emissions	2026/03/12 17:52:00	2026/03/12 23:48:00
4	140	High stack emissions.	2026/03/12 23:48:00	2026/03/13 00:00:00
4	18	high stack emissions	2026/03/14 05:09:00	2026/03/14 18:04:00
4	90	High stack emissions	2026/03/14 18:04:00	2026/03/14 19:17:00
4	140	High stack emissions	2026/03/14 19:17:00	2026/03/15 04:57:00
4	40	High stack emissions.	2026/03/15 04:57:00	2026/03/15 06:20:00
4	58	High stack emissions	2026/03/15 06:20:00	2026/03/15 09:46:00
4	140	High stack emissions.	2026/03/15 09:46:00	2026/03/15 14:14:00
4	138	High stack emissions	2026/03/16 17:00:00	2026/03/17 01:37:00
4	140	High stack emissions.	2026/03/18 09:52:00	2026/03/19 00:06:00
4	137	High stack emissions	2026/03/20 05:26:00	2026/03/20 15:14:00
4	150	High stack emissions	2026/03/20 15:14:00	2026/03/21 05:15:00
4	140	High stack emissions.	2026/03/24 04:10:00	2026/03/24 07:36:00
4	160	High stack emissions	2026/03/24 07:36:00	2026/03/24 08:15:00
4	140	High stack emissions.	2026/03/24 08:15:00	2026/03/24 12:30:00
4	40	LH outer precipt casing.	2026/03/24 12:30:00	2026/03/25 08:32:00
4	160	High stack emissions	2026/03/25 08:32:00	2026/03/26 01:28:00
4	142	High stack emissions.	2026/03/27 03:51:00	2026/03/28 00:05:00
4	140	High stack emissions	2026/03/29 00:59:00	2026/03/29 06:53:00
4	160	AM: High stack emissions.	2026/03/31 07:14:00	2026/03/31 12:20:00
4	40	AM: LHO Precip casing repairs.	2026/03/31 12:20:00	2026/03/31 23:59:00
4	140	High stack emissions.	2026/03/31 23:59:00	2026/03/31 23:59:59
5	122	Boiler tube leak.	2026/03/01 00:00:00	2026/03/01 08:03:00
5	100	Boiler tube leak	2026/03/01 08:03:00	2026/03/01 10:35:00
5	0	Cold Reserve	2026/03/01 10:35:00	2026/03/03 10:50:00
5	336	EFP-B discharge valve fails to open	2026/03/03 13:50:00	2026/03/04 02:01:00
5	248	EFP-B discharge valve fails to open	2026/03/04 02:03:00	2026/03/04 05:19:00
5	115	Emission Correlation Test	2026/03/06 22:06:00	2026/03/07 02:42:00
5	166	Correlation test	2026/03/07 02:42:00	2026/03/07 04:49:00
5	113	Correlation test	2026/03/12 23:39:00	2026/03/13 05:53:00
5	170	Correlation test	2026/03/13 23:45:00	2026/03/14 05:23:00
6	218	High stack emissions.	2026/03/11 14:08:00	2026/03/13 04:56:00
6	119	High stack emissions	2026/03/13 04:58:00	2026/03/13 07:39:00
6	217	RH FD fan vanes actuator replacement.	2026/03/13 15:12:00	2026/03/13 17:42:00
6	217	High stack emissions	2026/03/14 18:04:00	2026/03/14 19:44:00
6	168	High stack emissions.	2026/03/14 19:44:00	2026/03/14 22:09:00
6	217	6B JPC pulley replacement	2026/03/14 22:10:00	2026/03/15 04:30:00
6	217	High stack emissions	2026/03/15 21:56:00	2026/03/16 00:26:00
6	218	High stack emissions	2026/03/17 01:41:00	2026/03/17 16:45:00
6	169	High stack emissions	2026/03/17 16:45:00	2026/03/18 03:44:00