	Medupi Power Station Monthly Emissions Report	Template Identifier	240-43921804	Rev	6
		Document Identifier	240-88543153	Rev	1
		Effective Date	February 2018		
		Review Date	February 2023		

Stanley Koenaitse

Waterberg District Municipality
Private Bag X1018
Modimolle
0510

skoenaite@waterberg.gov.za

Date: 2021/04/16

Enquiries: TR. Rammutla
Tel: 014 762 6375

Ref: H16/1/13-AEL/M1/R1 – Feb 2021 Rev.1

Dear Mr Koenaitse

MEDUPI POWER STATION MONTHLY EMISSIONS REPORT FOR THE MONTH OF FEBRUARY 2021

This document serves as the monthly report required in terms of Section 7.7.1 of Medupi Power Station Provisional Atmospheric Emission License (AEL), H16/1/13-AEL/M1/R1.

This report is a reflection of Unit 2, 3, 4, 5 and 6 gaseous and particulate emissions performance against the AEL limit for the month of February 2021 only.

1. Raw Materials and Products

Table 1: Quantity of raw materials and products for Unit 2, 3, 4, 5 and 6 in February 2021

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Unit 2, 3, 4, 5 and 6 consumption February 2021
	Coal	Tons/month	1 875 000	741 905
	Fuel Oil	Tons/month	20 000	1510
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted (Quantity)	Unit 2, 3, 4, 5 and 6 Production Rate in Month of February 2021
	Energy	MW	4 800	2814
	Ash Emitted	Tons/month	not specified	177.4

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Table 2: Daily consumption and production rates


Date	Reportable hours of Operation					Coal usage	Production rate (MW)				
	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6		U2	U3	U4	U5	U6
01-February- 21	0.0	24.0	24.0	0.0	11.3	19966	433.9	467.4	565.6	401.6	503.7
02-February- 21	8.2	24.0	24.0	15.7	0.0	15218	330.7	470.0	433.2	439.9	296.9
03-February- 21	0.0	24.0	24.0	24.0	4.7	20456		522.1	509.3	455.2	476.8
04-February- 21	0.0	24.0	24.0	24.0	24.0	25271	455.9	567.0	482.6	460.8	458.7
05-February- 21	1.5	3.6	2.6	0.9	24.0	7548	389.9	434.7	418.9	427.4	446.6
06-February- 21	0.0	6.9	0.0	0.0	24.0	14591	412.0	534.8	323.6		444.4
07-February- 21	17.3	24.0	4.8	0.0	24.0	24951	514.8	514.7	545.2	438.4	550.2
08-February- 21	24.0	24.0	24.0	16.6	24.0	27426	531.6	628.1	576.8	499.7	502.5
09-February- 21	24.0	24.0	24.0	24.0	24.0	26764	426.5	641.7	514.1	458.0	516.2
10-February- 21	24.0	24.0	24.0	24.0	24.0	29666	459.0	683.8	663.9	509.4	537.8
11-February- 21	24.0	24.0	24.0	24.0	24.0	31753	481.3	723.0	784.2	517.2	500.5
12-February- 21	24.0	24.0	24.0	24.0	24.0	32632	532.7	716.4	702.9	494.2	608.8
13-February- 21	24.0	24.0	24.0	24.0	24.0	33714	745.3	733.4	741.8	471.0	556.9
14-February- 21	24.0	24.0	24.0	24.0	24.0	32640	666.0	684.9	790.0	516.1	558.8
15-February- 21	24.0	24.0	24.0	24.0	24.0	35221	787.6	666.3	788.7	488.7	595.3
16-February- 21	24.0	24.0	24.0	24.0	24.0	30139	521.9	594.8	632.4	453.0	562.9
17-February- 21	24.0	24.0	24.0	24.0	24.0	32836	674.3	675.0	702.8	434.7	569.0
18-February- 21	24.0	24.0	24.0	0.6	24.0	27446	686.2	665.5	668.7	315.1	516.2
19-February- 21	24.0	24.0	24.0	0.0	24.0	26534	670.4	623.7	579.8		545.0
21-February- 21	24.0	24.0	24.0	0.0	24.0	26153	614.7	603.4	580.0		540.9
21-February- 21	24.0	24.0	24.0	0.0	24.0	26036	598.0	651.9	580.0		526.3
22-February- 21	24.0	24.0	24.0	0.0	24.0	26178	704.2	631.0	620.1		487.1
23-February- 21	24.0	24.0	24.0	0.0	24.0	26615	767.4	657.2	707.0		452.9
24-February- 21	24.0	24.0	24.0	0.0	24.0	29061	751.2	690.2	786.7		481.4
25-February- 21	24.0	24.0	24.0	0.0	24.0	29508	786.9	634.1	780.3		550.0
26-February- 21	24.0	24.0	24.0	0.0	24.0	27797	729.8	600.0	730.1		547.5
27-February- 21	24.0	24.0	24.0	0.0	24.0	27740	752.9	593.0	735.9		550.0
28-February- 21	24.0	24.0	24.0	0.0	24.0	28048	656.4	622.3	699.9		549.8

Note: Unit off-load in grey shaded areas

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2. Abatement Technology

Table 3: Abatement Equipment Control Technology efficiency for month of February 2021

Associated Unit/Stack	Technology Type	Efficiency
Unit 1	Fabric Filter Plant (FFP)	-
Unit 2	Fabric Filter Plant (FFP)	99.993%
Unit 3	Fabric Filter Plant (FFP)	99.919%
Unit 4	Fabric Filter Plant (FFP)	99.854%
Unit 5	Fabric Filter Plant (FFP)	99.958%
Unit 6	Fabric Filter Plant (FFP)	99.879%

3. Energy Source Characteristics

Table 4: Energy Source Material Characteristics for the month of February 2021

Characteristic	Stipulated Range (% by weight on a dry basis)	Monthly Average Content (% by weight on a dry basis)
Coal		
Sulphur Content	1.3 - 2.2	1.38
Ash Content	35 - 39	31.4

Table 5: Energy Source Material Characteristics for the month of February 2021

Characteristic	Stipulated Range (%)	Monthly Average Content (%)
Oil		
Sulphur Content	0.5 - 3.5	2.1
Ash Content	0.02 - 0.1	0.01

4. Emissions Reporting

Medupi Power Station uses Continuous Emission Monitoring System which uses the extractive method for analysis.

The emission limits are as follows:

SO₂ Monthly = 3500 mg/Nm³

Dust Daily= 50 mg/Nm³

NO₂ Daily= 750 mg/Nm³

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Table 6: Daily averages emissions for the month of February 2021

Date	Final PM mg/Nm ³ (minus 24 hrs for tonnage calc.)						Velocity (m/s) to Gas Volume (Nm ³ /s)						Unit 2 Final CEM mg/Nm ³			Unit 2 Other CEMS Data				Unit 3 Final CEM mg/Nm ³			Unit 3 Other CEMS Data			
	U1	U2	U3	U4	U5	U6	U1	U2	U3	U4	U5	U6	SOx	NOx	CO	O ₂	°C	kPa	m/s	SOx	NOx	CO	O ₂	°C	kPa	m/s
2021/02/01			24.3	38.2		15.5		908.5	322.0	746.6	733.7	828.4	3 314	364	15	8.1	129.2	89.1	22.3	2 645	545	27	13.7	120.5	83.3	15.7
2021/02/02		6.6	21.8	25.1	30.6			790.0	423.5	699.4	784.3	495.5	3 210	376	18	8.9	126.5	89.4	20.7	2 159	478	994	11.8	118.4	83.6	15.9
2021/02/03			16.8	41.5	25.3	22.8			701.9	676.7	826.7	759.8								3 002	274	53	7.5	121.7	83.5	16.9
2021/02/04			17.2	4.9	33.4	17.4		970.0	713.5	1016.3	784.0	731.3	3 605	446	13	7.3	127.1	89.3	21.8	3 134	266	82	7.7	127.2	83.4	17.8
2021/02/05		4.7	9.0	5.9	33.8	7.9		906.2	664.0	1031.3	766.7	707.5	3 420	453	13	7.7	122.5	89.5	21.0	2 848	256	76	7.2	119.0	83.5	15.6
2021/02/06			17.6			8.8		918.6	699.1	795.5		721.8	3 548	513	15	8.2	110.5	89.3	21.6	3 218	279	27	7.7	120.4	83.5	17.1
2021/02/07		3.0	14.7	9.1		9.9		1048.0	715.7	766.4	665.3	892.2	3 453	443	13	7.2	122.3	89.1	23.1	2 934	270	29	7.4	121.6	83.3	17.2
2021/02/08		2.8	21.8	12.0	14.2	10.5		1091.2	768.5	965.8	679.0	807.5	3 246	408	13	6.9	123.4	89.1	23.5	3 007	265	66	7.7	127.4	83.3	19.2
2021/02/09		2.8	24.0	8.4	8.4	17.3		937.2	764.4	891.8	650.3	834.9	3 303	447	13	7.8	124.5	89.3	21.9	3 272	315	22	7.7	132.1	83.4	19.3
2021/02/10		3.7	28.3	10.0	8.6	24.7		974.4	784.9	1062.1	702.0	869.4	3 208	431	11	7.5	125.2	89.3	22.3	3 266	316	29	7.7	135.1	83.4	19.9
2021/02/11		5.6	31.6	10.9	7.1	20.6		1002.7	811.2	1227.2	713.2	795.5	3 462	436	12	7.3	125.6	89.2	22.5	3 517	299	18	7.7	139.4	83.3	20.9
2021/02/12		3.0	29.4	10.6	6.4	48.5		1062.0	807.6	1148.2	693.5	963.1	3 653	452	15	6.8	128.7	86.3	23.8	3 642	313	24	7.7	138.6	83.1	20.7
2021/02/13		0.9	29.3	10.8	7.9	27.8		1216.4	817.5	1144.6	695.2	882.3	3 580	434	20	6.3	131.3	84.6	26.7	3 696	316	19	7.7	139.0	83.0	21.1
2021/02/14		0.9	26.3	11.5	5.0	24.0		1156.5	796.6	1225.7	728.0	887.9	3 431	403	20	6.9	127.5	88.6	25.2	3 490	288	24	7.7	135.5	82.9	20.4
2021/02/15		0.7	27.2	11.6	3.9	43.8		1393.3	776.3	1230.2	709.8	949.4	3 418	425	45	5.9	134.5	88.4	28.5	3 481	292	37	7.7	136.1	82.8	19.9
2021/02/16		0.3	20.7	9.9	3.9	38.7		1004.6	724.8	981.2	684.8	898.9	3 298	420	18	8.0	127.0	88.8	24.0	3 299	274	25	7.7	134.0	83.0	18.4
2021/02/17		2.6	27.1	10.6	4.0	34.4		1216.9	791.9	1095.0	675.7	896.1	3 238	394	22	6.8	130.7	89.0	26.3	3 244	278	22	7.7	134.1	83.2	20.1
2021/02/18		2.6	29.9	9.4	3.6	31.7		1250.0	781.8	1075.2	632.2	815.9	2 913	350	38	6.5	131.9	89.1	26.4	2 982	310	26	7.7	133.6	83.2	19.9
2021/02/19		2.6	30.3	7.1		38.7		1220.6	753.9	931.2		868.6	3 309	355	19	6.6	134.3	89.1	26.3	3 173	314	52	7.7	133.9	83.2	19.1
2021/02/20		2.6	24.1	2.6		50.3		1144.4	736.4	937.5		868.4	3 013	332	19	7.0	134.1	89.1	25.3	2 998	309	76	7.7	134.1	83.1	18.7

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2021/02/21		2.6	29.2	3.3		51.1		1112.6	763.6	939.2		839.4	3 083	331	17	7.3	132.3	89.2	25.1	3 008	290	76	7.7	132.3	83.2	19.3
2021/02/22		2.6	29.6	28.5		44.8		1267.5	760.2	993.6		765.1	3 088	344	16	6.5	131.9	89.4	26.6	2 967	289	76	7.6	130.4	83.5	19.0
2021/02/23		0.1	31.3	48.3		31.3		1293.3	784.4	1126.3		698.1	2 988	347	19	7.3	125.6	89.5	28.7	2 893	253	76	7.7	132.1	83.5	19.7
2021/02/24		2.6	31.1	86.0		32.8		1206.7	792.9	1255.5		760.0	3 438	380	14	8.1	124.3	89.2	28.7	3 422	301	16	7.7	137.5	83.3	20.3
2021/02/25		2.6	25.2	84.3		37.4		1246.6	743.7	1229.9		868.1	3 233	379	19	8.0	123.6	89.1	29.3	3 279	319	8	7.7	135.4	83.3	18.9
2021/02/26		2.6	26.4	72.6		31.4		1247.9	745.0	1149.7		869.8	3 199	379	21	6.7	131.6	89.1	26.9	3 188	319	76	7.7	132.9	83.3	18.9
2021/02/27		1.2	27.7	52.9		36.0		1330.2	749.6	1170.5		892.4	3 144	375	14	6.2	125.7	89.3	26.9	3 044	304	1	7.7	130.7	83.4	18.8
2021/02/28		2.6	29.7	57.2		25.0		1215.5	774.5	1102.6		884.2	3 491	420	16	6.8	126.1	89.5	25.8	3 319	347	76	7.7	135.7	83.5	19.7

Note: Unit 3 O₂ measurement is an average for a month; this is due to unavailability of the O₂ monitor. Unit 1 is not yet in commercial operation. There is no reportable for the area shaded purple due to the grace period on reporting for PM, the grey blocks on gases represent days wherein unit was off load.

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Date	Unit 4 Final CEM mg/Nm ³			Unit 4 Other CEMS Data				Unit 5 Final CEM mg/Nm ³			Unit 5 Other CEMS Data				Unit 6 Final CEM mg/Nm ³			Unit 6 Other CEMS Data			
	SOx	NOx	CO	O ₂	°C	kPa	m/s	SOx	NOx	CO	O ₂	°C	kPa	m/s	SOx	NOx	CO	O ₂	°C	kPa	m/s
2021/02/01	3 971	445	22	11.2	126.3	89.4	22.5	3 394	502	14	8.0	133.5	89.4	16.9	2 802	321	16	9.0	130.7	89.3	20.7
2021/02/02	4 221	469	24	11.9	126.3	89.8	22.5	3 754	540	10	6.8	135.6	89.7	16.6	2 915	402	22	12.6	104.2	89.8	16.5
2021/02/03	3 407	532	22	12.2	126.1	89.7	22.5	3 633	591	12	6.7	132.9	94.8	16.3	2 705	304	37	9.2	128.0	89.7	19.0
2021/02/04	1 252	300	8	7.8	124.9	89.5	22.5	3 476	555	13	7.0	132.7	91.0	16.5	2 734	348	17	9.8	130.8	89.5	19.4
2021/02/05	1 143	294	5	7.8	120.8	89.9	22.5	3 650	570	240	7.0	129.9	90.3	16.1	2 864	481	10	9.8	120.0	89.7	18.2
2021/02/06	2 520	512	15	11.2	103.0	89.5	22.5							2 642	443	18	10.0	116.6	89.6	18.8	
2021/02/07	3 045	471	10	10.3	120.7	89.5	20.8	3 365	554	16	9.4	132.3	89.5	17.2	2 575	360	26	8.3	123.2	89.4	20.5
2021/02/08	3 269	356	10	7.5	122.5	89.4	20.9	2 977	442	19	9.0	132.0	89.4	17.0	2 441	374	19	9.1	123.2	89.4	19.8
2021/02/09	3 480	370	10	8.0	124.1	89.6	20.0	3 077	459	14	9.1	131.7	89.5	16.3	2 581	324	62	8.7	127.2	89.6	20.0
2021/02/10	3 374	355	14	7.1	127.2	89.6	22.5	3 055	466	18	8.7	129.8	89.5	17.0	2 514	382	13	8.4	136.7	89.6	20.9
2021/02/11	3 580	341	31	6.0	131.6	89.5	24.4	3 103	443	17	8.7	130.1	89.4	17.3	2 633	362	25	9.2	128.9	89.5	20.0
2021/02/12	3 903	360	32	6.4	130.9	89.3	23.4	3 266	483	16	8.7	131.2	89.2	16.8	2 842	356	67	8.0	134.2	89.2	22.3
2021/02/13	3 940	360	22	6.4	130.6	89.0	23.5	3 208	478	20	9.0	130.6	89.0	17.3	2 890	349	25	8.6	129.6	89.0	21.3
2021/02/14	3 792	348	33	6.1	132.7	88.9	24.8	3 211	450	19	8.4	131.7	88.8	17.4	2 910	338	46	8.4	134.3	88.8	21.4
2021/02/15	3 686	351	12	6.1	134.2	88.7	25.1	3 148	500	17	8.4	131.7	88.7	17.0	2 827	358	56	8.0	139.0	88.7	22.4
2021/02/16	3 372	378	16	7.0	128.2	89.1	20.8	2 957	418	18	8.6	124.7	89.0	16.3	2 763	330	34	8.3	138.1	89.0	21.6
2021/02/17	3 017	383	105	6.4	128.5	89.3	22.3	2 862	462	29	8.9	127.5	89.2	16.6	2 684	320	52	8.3	137.1	89.2	21.4
2021/02/18	2 694	331	89	6.6	129.1	89.4	22.2	2 604	527	19	9.5	132.7	89.4	16.5	2 397	360	30	9.0	134.0	89.3	20.5
2021/02/19	2 757	311	48	7.3	123.7	89.4	19.9							2 471	332	20	8.6	136.9	89.3	21.2	
2021/02/20	2 760	320	31	7.4	124.6	89.3	20.3							2 583	365	23	8.6	138.2	89.2	21.2	
2021/02/21	2 764	297	20	7.4	121.7	89.4	20.1							2 544	366	26	8.9	136.6	89.3	21.0	
2021/02/22	2 767	322	38	7.1	121.7	89.7	20.8							2 581	389	18	9.6	133.5	89.7	20.0	
2021/02/23	2 807	328	45	6.4	127.6	89.8	22.7							2 590	397	14	10.1	130.6	89.8	19.1	
2021/02/24	3 071	380	41	6.2	132.6	89.6	25.4							2 894	390	17	9.9	130.3	89.6	20.4	
2021/02/25	3 169	381	23	6.5	130.5	89.4	25.2							3 032	290	17	8.9	133.4	89.4	21.6	
2021/02/26	3 149	398	28	6.7	129.1	89.4	23.9							3 014	273	18	8.5	132.1	89.4	20.8	
2021/02/27	3 166	374	104	6.2	127.6	89.6	23.3							2 978	334	17	8.4	135.3	89.6	21.3	
2021/02/28	3 464	467	27	6.7	130.9	89.8	22.8							3 138	368	26	8.6	133.6	89.8	21.4	

Note: Unit 3 O2 measurement is an average for a month; this is due to unavailability of the O2 monitor. Unit 1 is not yet in commercial operation. There is no reportable for the area shaded purple due to the grace period on reporting for PM, the grey blocks on gases represent days wherein unit was off load.

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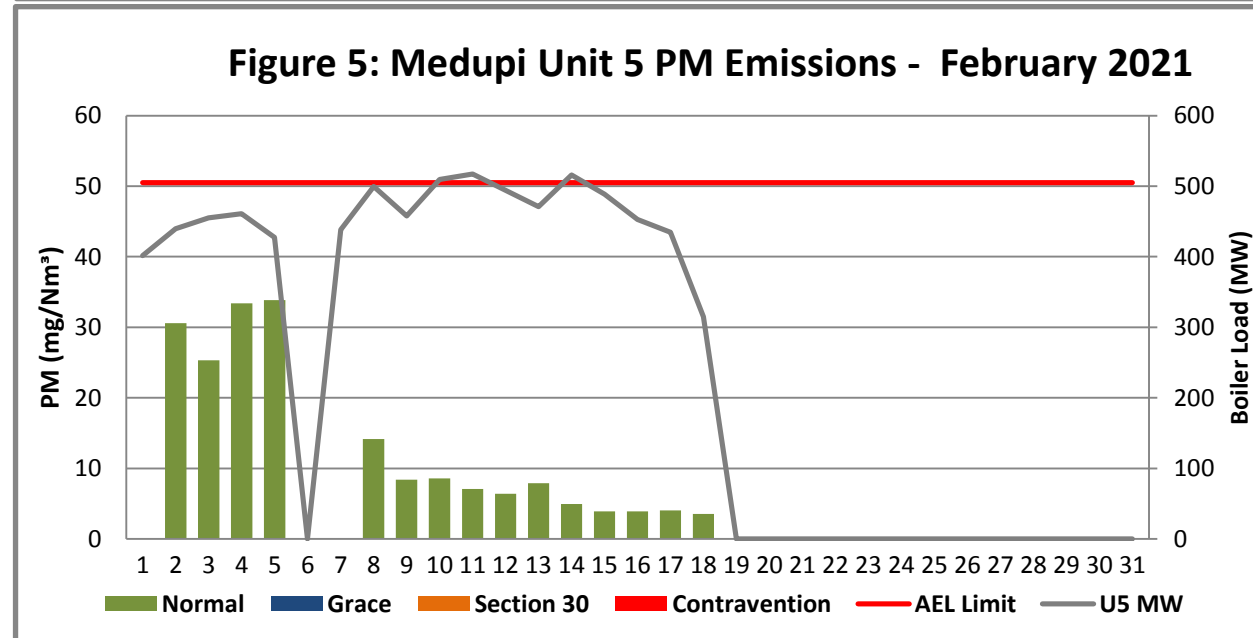
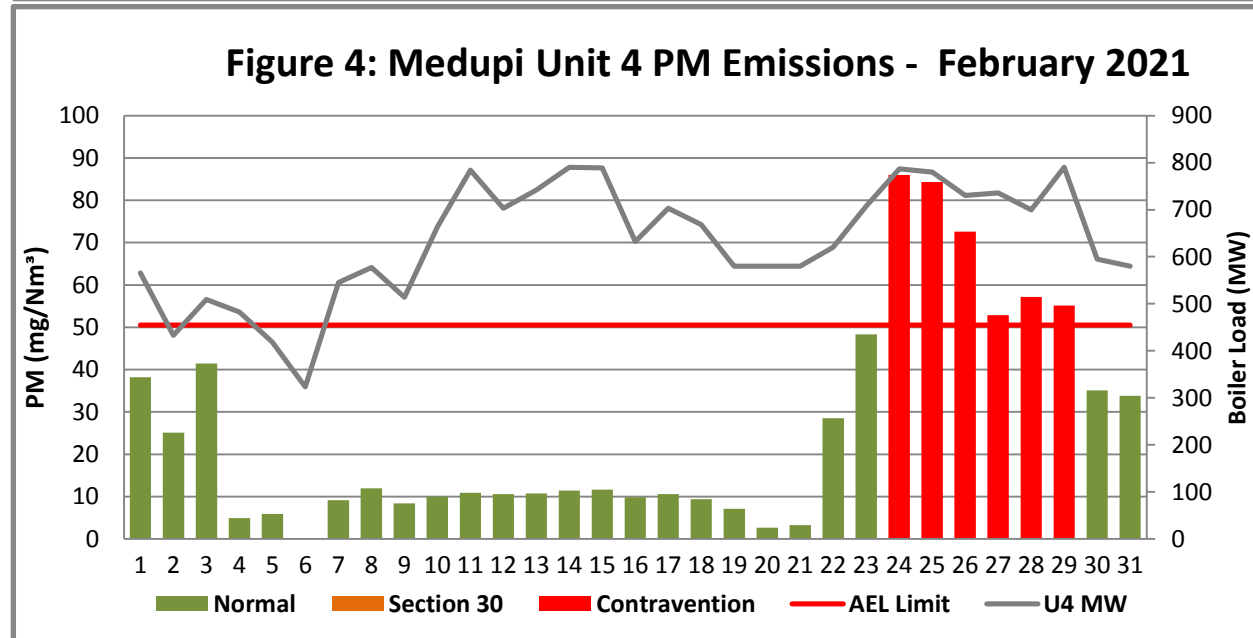
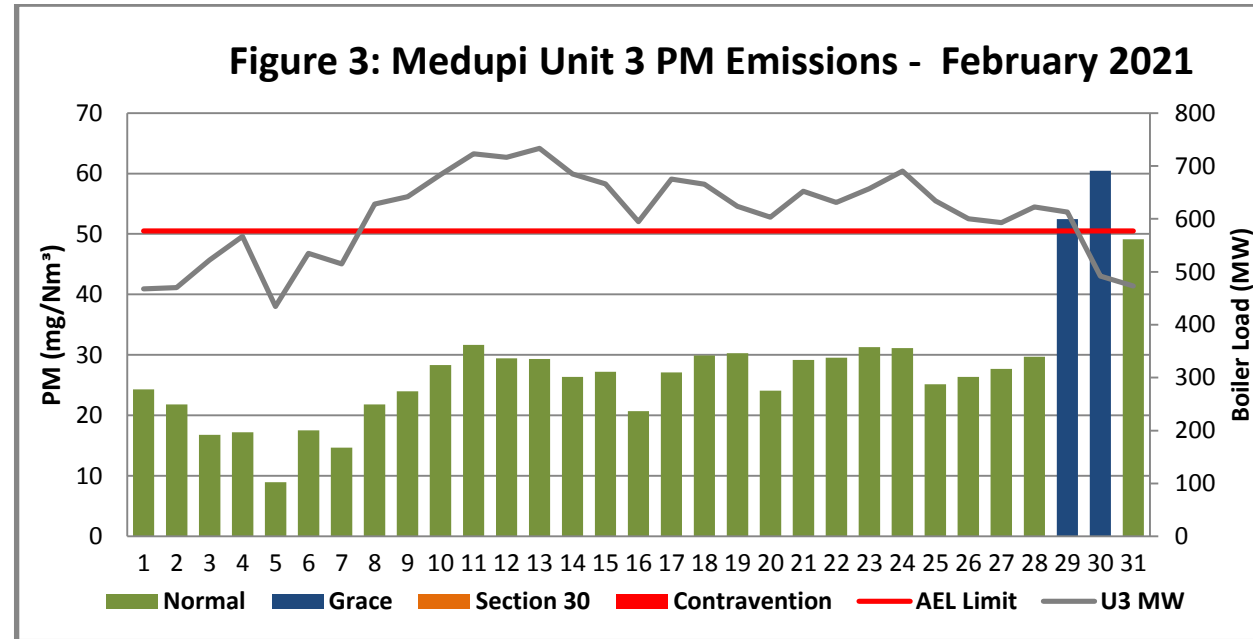
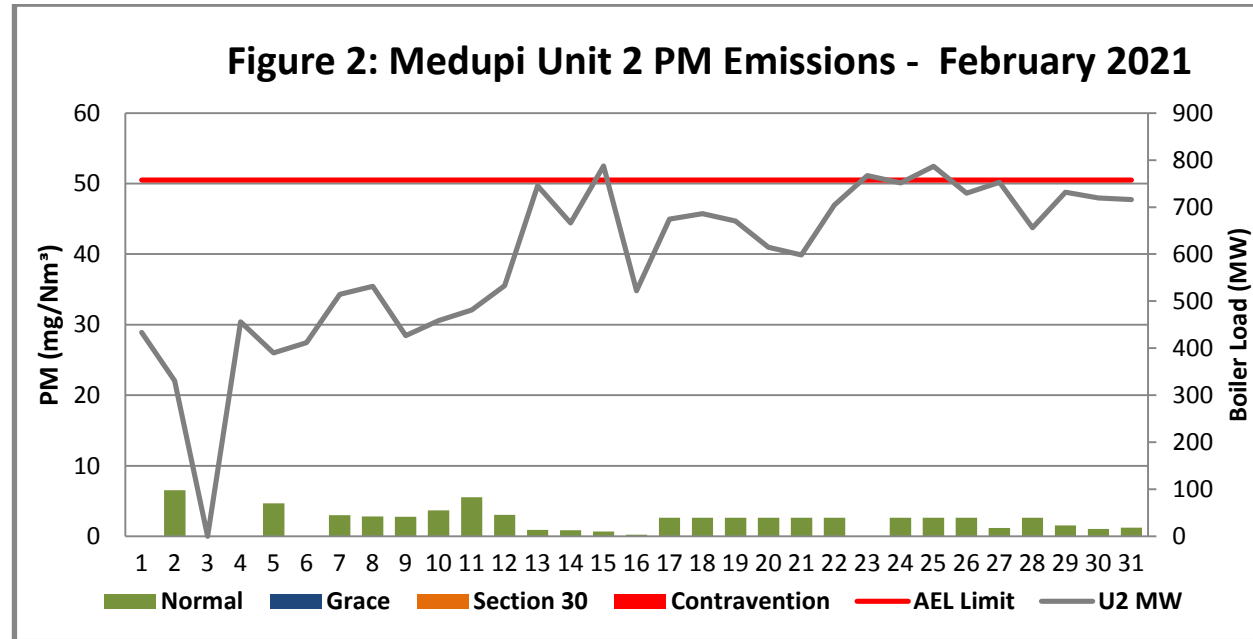
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Note: exceedances of PM limit are due incident of bag damages in the PJFF plant, cell are isolated and inspected online to identify those influencing emissions. Online bag replacement is done on those cells with high dust emissions. Unit 4 PM emissions was realised after data was back-fitted and as such does not qualify to be reported in terms of NEMA s30. Points 29-31 on all the graphs represent the day 1-3 of March 2021.

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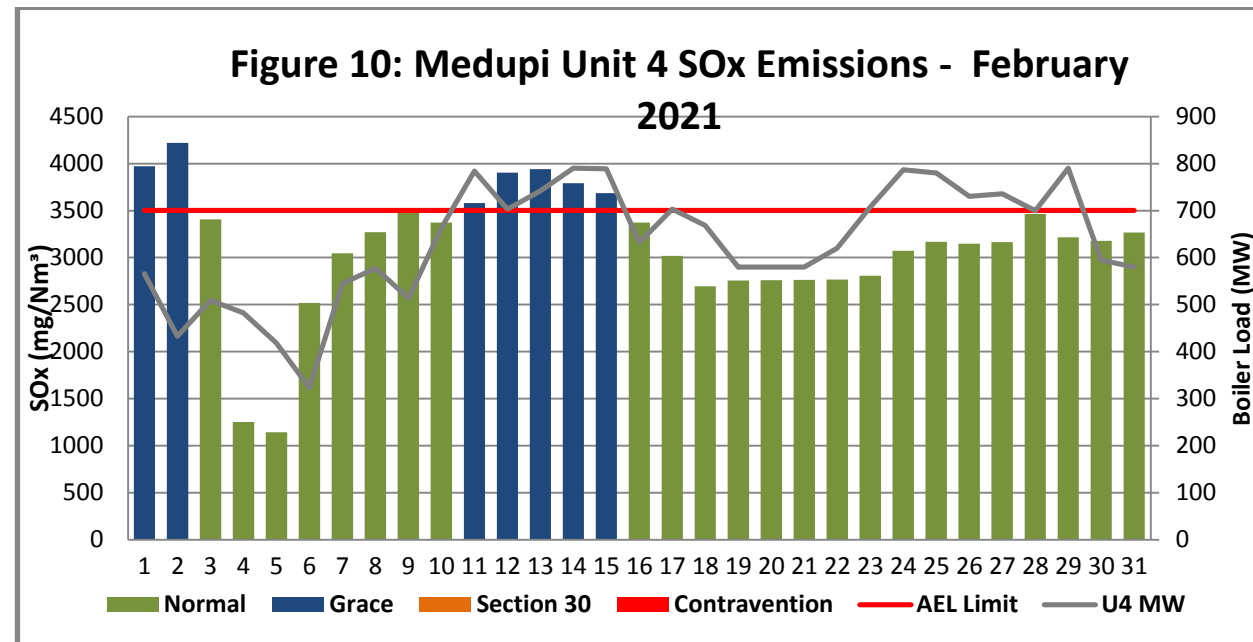
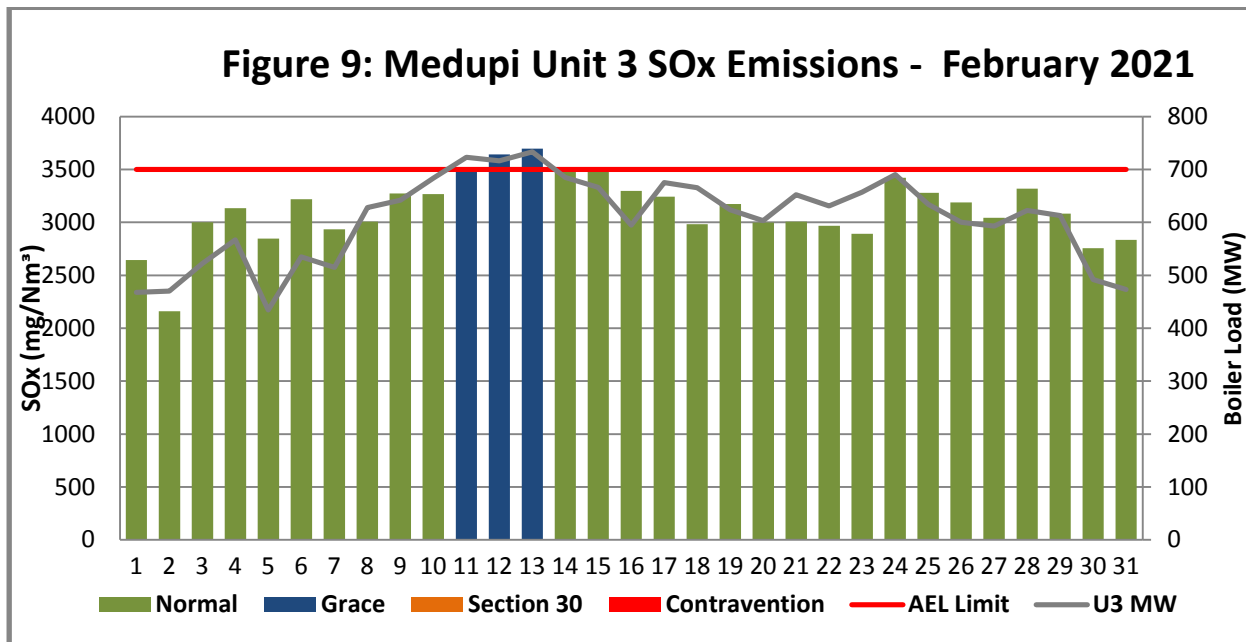
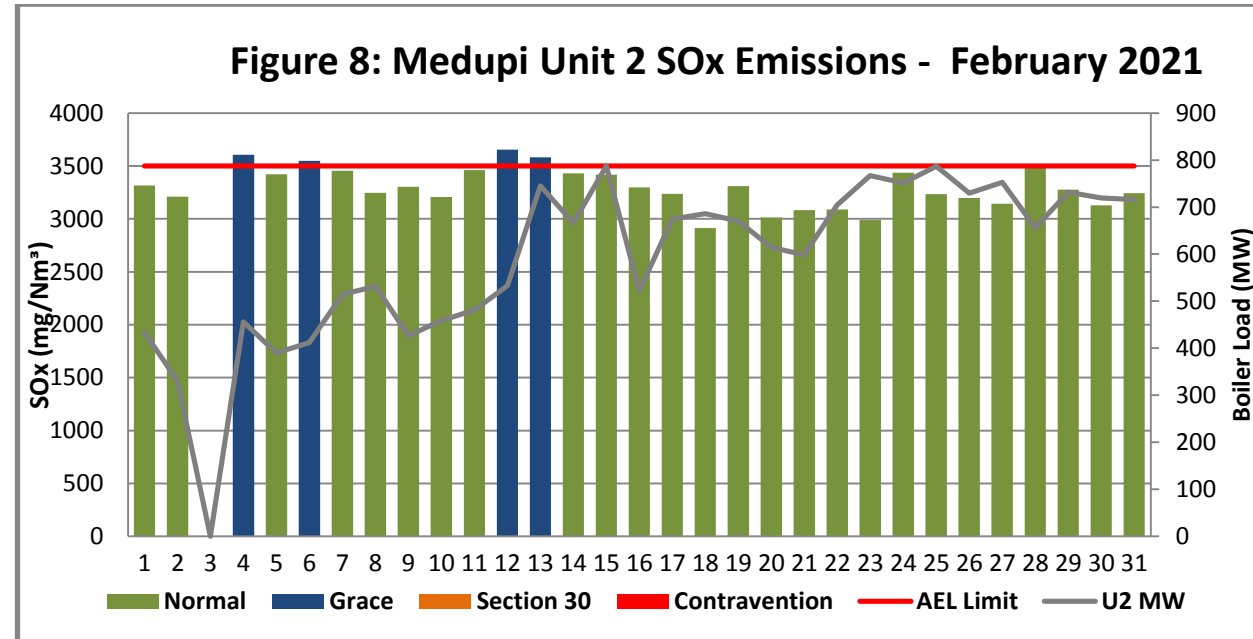
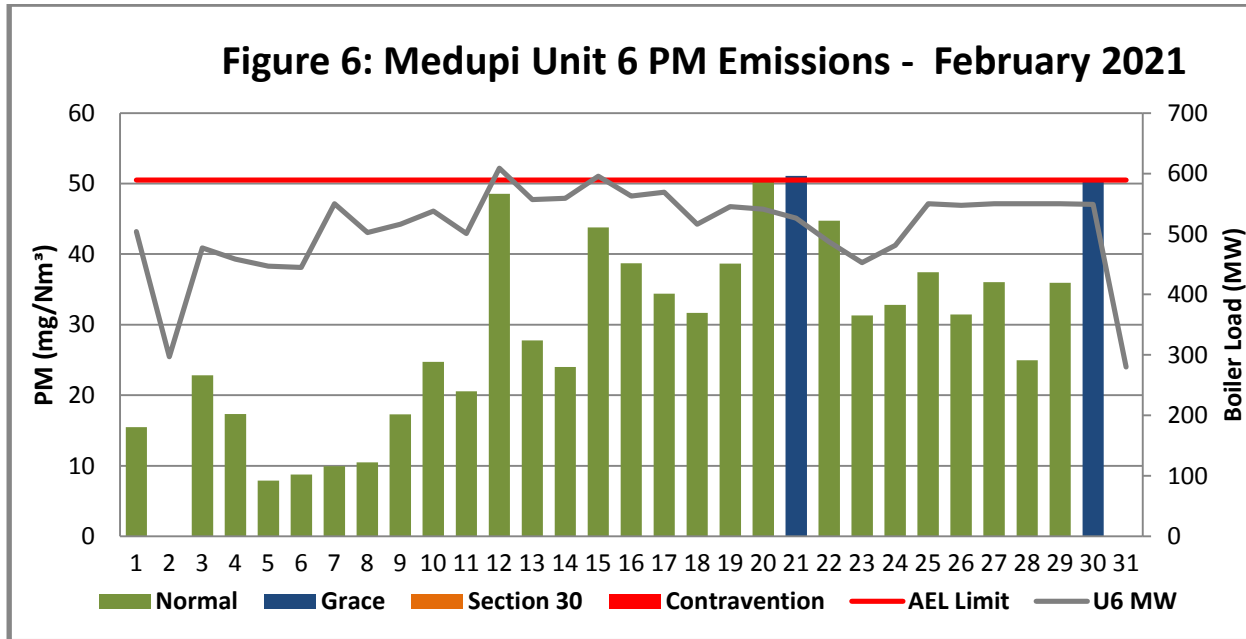
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Note: SO₂ emissions intermittent exceedances of daily limit of 3500mg/Nm³ (station internal limit) is evident in the SO₂ figures, there was no incident that led to exceedance of the monthly limit of 3500mg/Nm³ (AEL limit). The monthly average emission for unit was 3407mg/Nm³.

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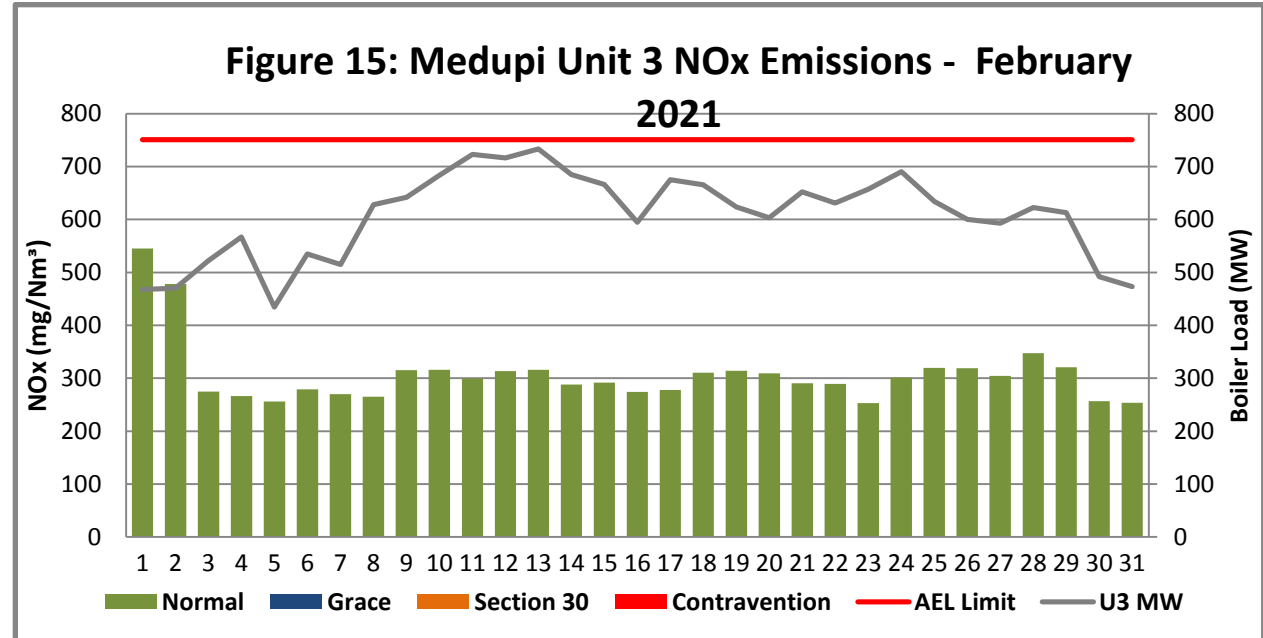
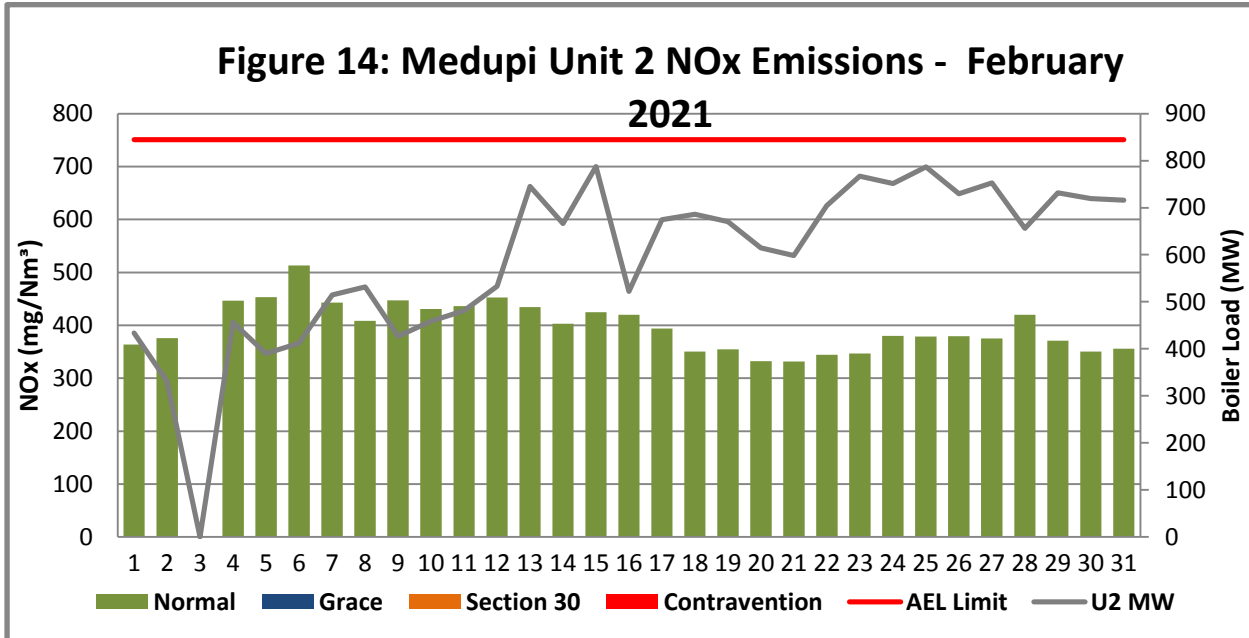
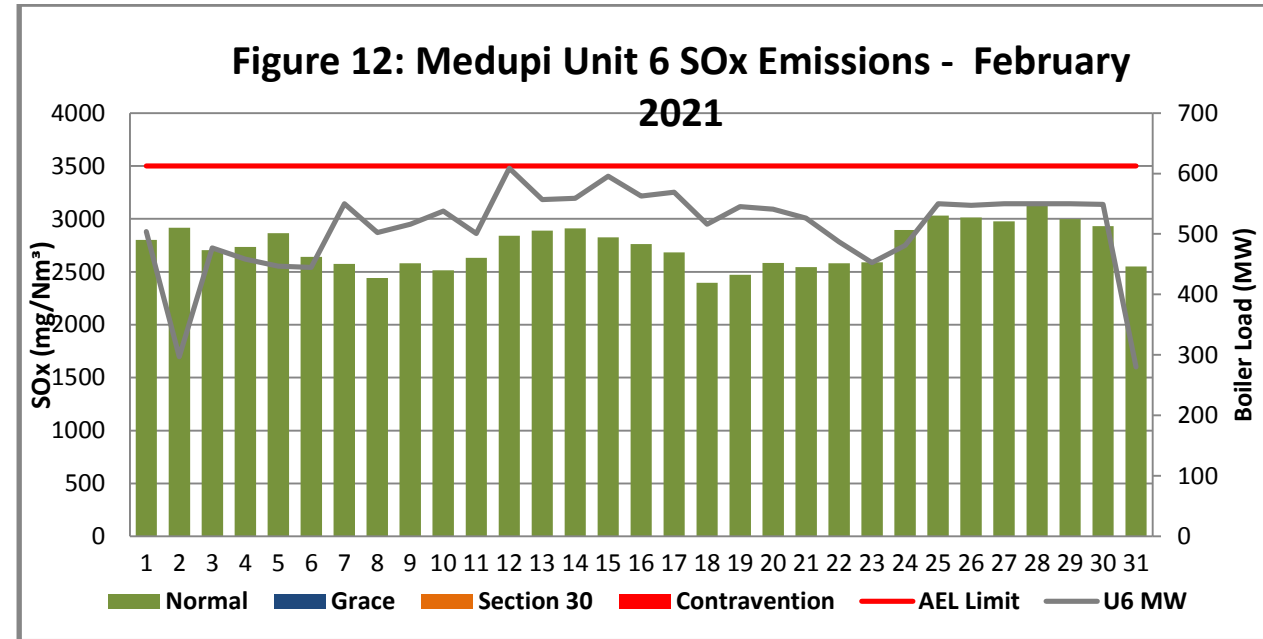
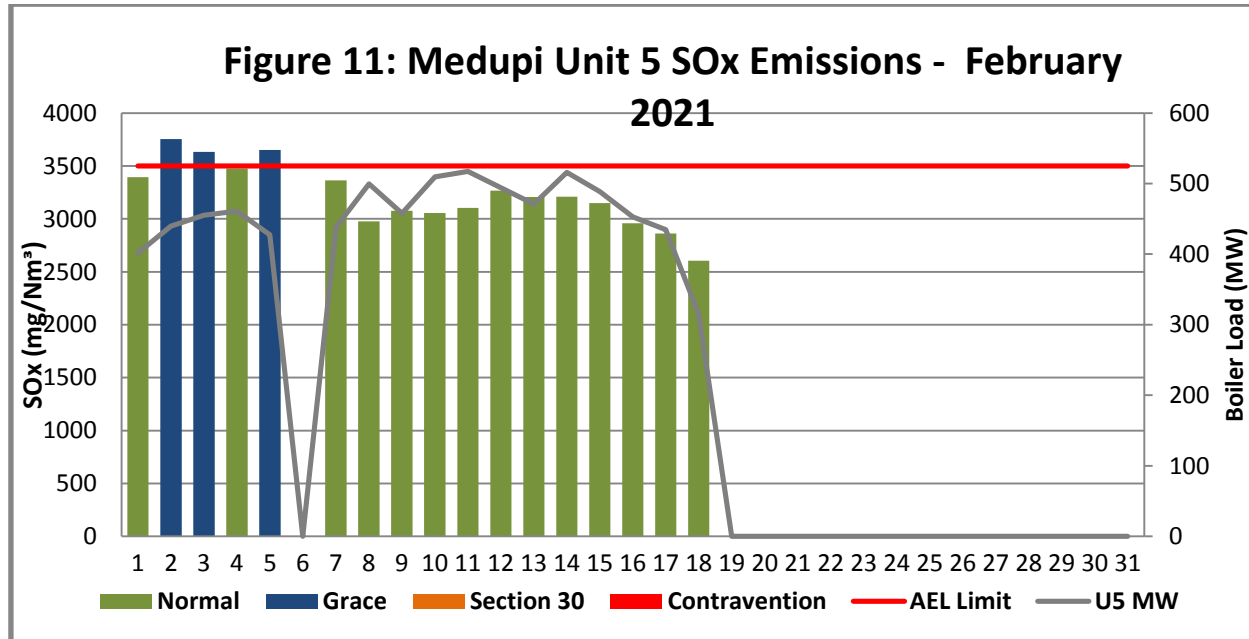
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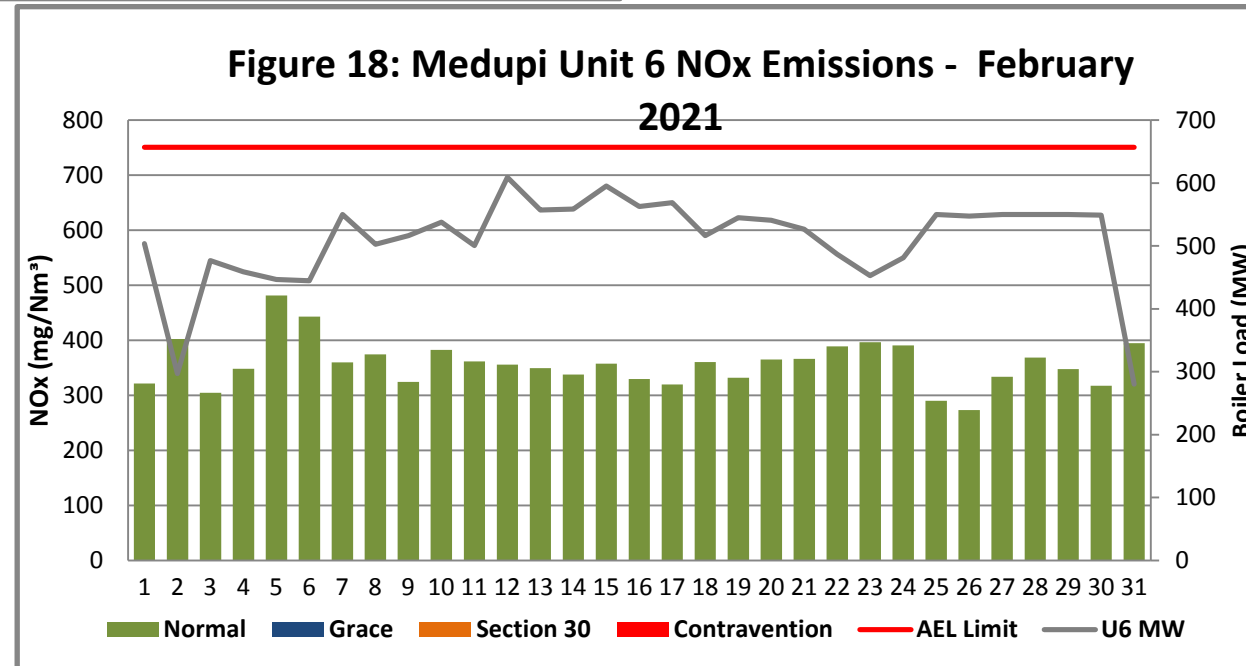
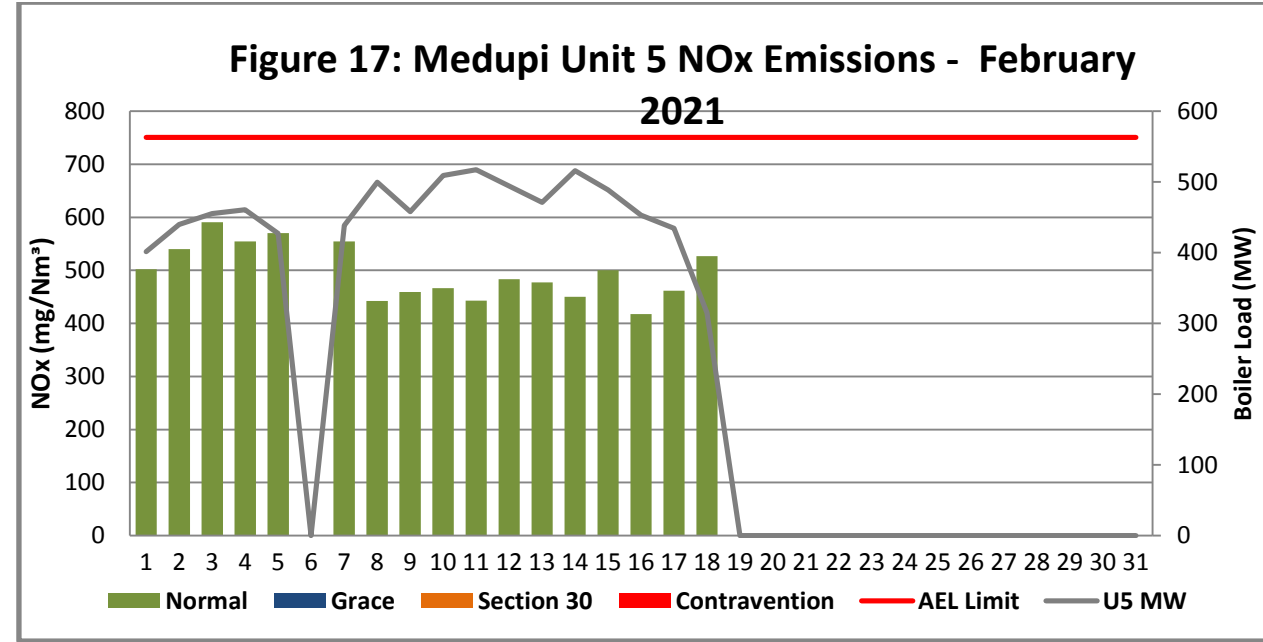
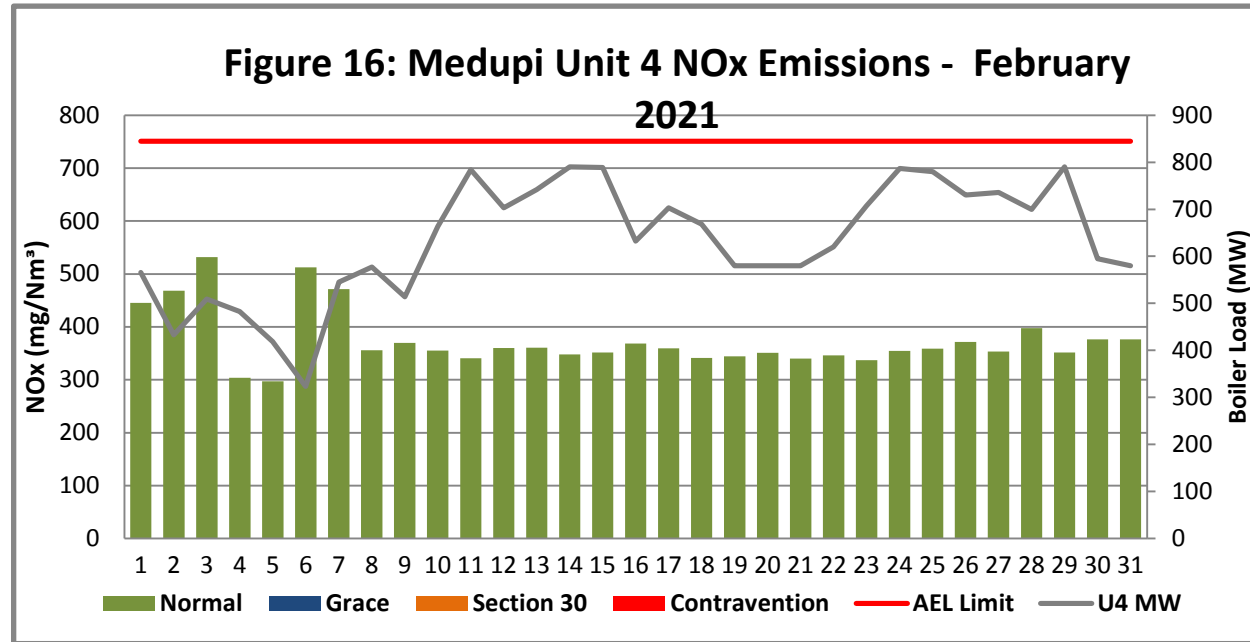
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Medupi Power Station graphical representation of the daily average emissions

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Table 7: Monthly tonnages for the month of February 2021

Unit	PM (tons)	SO ₂ (tons)	NO ₂ (tons)	CO (tons)
1	-	-	-	-
2	3.3	4 935	591	29
3	42.1	5 335	509	104
4	72.2	8 581	981	93
5	7.9	2 449	371	13
6	51.9	4 900	638	51
SUM	177.4	26 199	3 090	291

5. Shutdown/start-up information


Table 8: PM Start-up information for the month of February 2021

Unit No.	2		2		3		4	
Breaker Open (BO)	11:25 AM	2021/02/02	02:50 AM	2021/02/05	03:35 AM	2021/02/05	02:35 AM	2021/02/05
Draught Group (DG) Shut Down (SD)	DG did not trip or SD	DG did not trip or SD	DG did not trip or SD	DG did not trip or SD	DG did not trip or SD	DG did not trip or SD	02:35 AM	2021/02/05
BO to DG SD (duration)	n/a	DD:HH:MM	n/a	DD:HH:MM	n/a	DD:HH:MM	00:00:00	DD:HH:MM
Fires in time	-	-	-	-	-	-	02:55 AM	2021/02/05
Synch. to Grid (or BC)	-	-	-	-	-	-	07:10 PM	2021/02/06
Fires in to BC (duration)		DD:HH:MM		DD:HH:MM		DD:HH:MM	01:16:15	DD:HH:MM
Emissions below limit from BC (end date)	-	-	-	-	-	-	not > limit	not > limit
Emissions below limit from BC (duration)	-	DD:HH:MM		DD:HH:MM	-	DD:HH:MM	n/a	DD:HH:MM

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Unit No. 5	Event 1		Event 2	
Breaker Open (BO)	12:55 AM	2021/02/05	12:35 AM	2021/02/18
Draught Group (DG) Shut Down (SD)	12:00 AM	2021/02/03	10:00 PM	2021/02/18
BO to DG SD (duration)	-	DD:HH:MM	00:21:25	DD:HH:MM
Fires in time	02:35 PM	2021/02/03	-	-
Synch. to Grid (or BC)	07:20 AM	2021/02/07	-	-
Fires in to BC (duration)	03:16:45	DD:HH:MM	-	DD:HH:MM
Emissions below limit from BC (end date)	not > limit	not > limit	-	-
Emissions below limit from BC (duration)	n/a	DD:HH:MM	-	DD:HH:MM

6. Continuous Emission Monitoring Systems (CEMS)

Unit 3, 4, 5 and 6 Continuous Emission Monitoring Systems were in operation at all times when the unit was on load.

Table 7: Periods during which CEMS was inoperative

Date	Time	CEMS status	Comments
February 2021	N/A	malfunction	Unit 2,4 and 5 dust monitor component (blower) malfunctioning

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Table 8: CEMS Monitor Reliability

Associated Unit/Stack	PM	SO ₂	NO	O ₂
Unit 1	-	-	-	-
Unit 2	97.9	97.3	97.3	97.8
Unit 3	100.0	100.0	100.0	6.6
Unit 4	98.8	100.0	96.6	91.1
Unit 5	100.0	100.0	99.5	100.0
Unit 6	99.9	99.9	99.9	99.9

7. CEMS Calibration certificates and equipment used for calibration

CEMS calibration certificates shall be made available for all units upon request.

8. Ambient Air Quality Monitoring Report

The Ambient Air Quality Monitoring and Dust fall-out report are emailed to the Licensing authority on a monthly basis.

9. Visual inspection of the exterior walls of the fuel oil tanks and TVOC Estimation

Visual inspection was conducted and there were no leaks observed on the exterior walls of the fuel oil tanks.


Table 9: Total Volatile Organic Compound (TVOC) for February 2021

FINAL OUTPUT:	Result	Unit
Breathing losses:	0.70	kg/month
Working losses:	0.04	kg/month
TOTAL LOSSES (Total TVOC Emissions for the month):	0.74	kg/month

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10. Air quality improvements initiatives and public education and awareness campaigns

No awareness campaign.

11. Complaints Register


Table 10: Complaints for the month of February 2021

Source Code/ Name	Air pollution complaints received	Calculation of Impacts/ emissions associated with the incident	Date of complaint and date of response by the license holder	Results of investigation	Action taken to resolve the complaint
N/A	No complaints received	N/A	N/A	N/A	N/A

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Compiled by: Lufuno Tshidzumba 
Senior Environmental Advisor

Verified by: Malose Langa 
System Engineer Boiler

Supported by: Sithokozile Hlongwa 
Boiler Engineering Manager

Supported by: Rosetta Rammutla 
Environmental Manager

Supported by: Jabulani Mkhathshwa 
Engineering Group Manager

I Wikus Janse Van Rensburg, declares that the information provided in this report is accurate and correct.

Yours sincerely



Wikus Janse Van Rensburg
GENERAL MANAGER: MEDUPI POWER STATION

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