

Dr Johan Schoeman
Air Quality Management
Eden District Municipality
PO Box 12
George
6530

Date:
23 Feb 2021

Enquiries:
021 941 5856

Ref: GOU/2021/01

Dear Dr Schoeman

GOURIKWA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF January 2021

This serves as the monthly report required in terms of Section 9 in Gourikwa Power Station's Atmospheric Emission License (WCCT036). The emissions are for the month of January, these being SO₂, CO₂, PM and NO_x (as NO₂).

1. Raw Materials and Products

Table 1. Quantity of Raw Materials and Products used/produced for the month of January 2021.

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Total consumption in Month of January
	Fuel Diesel	Tons/hour/unit	40	36 236 830.67
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted per unit (MW)	Total production/Power sent out in Month of January
	Energy	MWh/ /unit	170	114 205.70
	Fuel use per hour per unit (L)		Fuel efficiency Litres per MWH	
	Unit 11: 35 369 Unit 12: 34 084 Unit 13: 33 470 Unit 21: 35 250 Unit 22: 35 092		Unit 11: 325.07 Unit 12: 310.40 Unit 13: 302.23 Unit 21: 322.59 Unit 22: 321.39	

2. Abatement Technology

Table 2. Abatement Equipment Control Technology availability for the month of January

Associated Unit	Technology Type	Actual Utilisation (%) for the month of January
Unit 11	Low NOx burners	100%
Unit 12	Low NOx burners	100%
Unit 13	Low NOx burners	100%
Unit 21	Low NOx burners	100%
Unit 22	Low NOx burners	100%

3. Emissions Reporting

Table 3a: Total monthly emission rates and Licence limits

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
Hourly Licence Limit mg/Nm³			250	50	500
Unit11					
	2021/01/04 17:00	0	124	0.1	0
	2021/01/04 18:00	0	100	0.1	0
	2021/01/04 19:00	0.3	84	0.1	0.5
	2021/01/04 20:00	0.5	85	0.1	0
	2021/01/04 21:00	0.7	92	0.1	0.2
	2021/01/04 22:00	1.1	91	0.1	0.1
	2021/01/05 11:00	0.4	124	0.1	0.2
	2021/01/05 12:00	0.6	124	0.1	0
	2021/01/05 13:00	0.5	122	0.1	0
	2021/01/05 14:00	0.1	94	0.1	0
	2021/01/05 15:00	0.5	101	0.1	1
	2021/01/05 16:00	1.3	94	0.1	1.7
	2021/01/05 17:00	1.5	87	0.1	1.8
	2021/01/05 18:00	1.4	88	0.1	1.9
	2021/01/05 19:00	1.5	86	0.1	2.5
	2021/01/05 20:00	0.5	89	0.1	0.2
	2021/01/05 21:00	0.6	84	0.1	0.2
	2021/01/05 22:00	0.8	85	0.1	0.2
	2021/01/05 23:00	0.6	84	0.1	0.2
	2021/01/06 00:00	0.7	90	0.1	0.2
	2021/01/06 11:00	0.3	134	0.1	1.5
	2021/01/06 12:00	0.7	125	0.2	0.2
	2021/01/06 13:00	0.5	124	0.1	0.2
	2021/01/06 14:00	0.7	125	0.1	0.1
	2021/01/06 15:00	0.3	125	0.2	0.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/06 16:00	0.8	134	0.1	0.1
	2021/01/06 17:00	0.7	133	0.1	0.2
	2021/01/06 18:00	0.9	135	0.1	0.2
	2021/01/06 19:00	0.7	97	0.1	0.1
	2021/01/06 20:00	0.2	86	0.1	0.1
	2021/01/06 21:00	73.3	164	0.3	0.2
	2021/01/08 15:00	0.6	142	0.2	0.1
	2021/01/08 16:00	0.9	120	0.1	0.3
	2021/01/08 17:00	0.8	120	0.1	0.5
	2021/01/08 18:00	0.8	129	0.1	0.5
	2021/01/08 19:00	0.9	128	0.1	0.3
	2021/01/08 20:00	1	135	0.1	0.2
	2021/01/08 21:00	1.1	132	0.1	0.2
	2021/01/09 09:00	1.2	132	0.1	0.2
	2021/01/09 10:00	0	125	0.1	0.2
	2021/01/09 11:00	0.1	103	0.1	0.3
	2021/01/09 12:00	0.4	119	0.1	1.4
	2021/01/09 13:00	0.6	121	0.1	2.2
	2021/01/09 14:00	0.6	119	0.2	1.8
	2021/01/09 15:00	0.6	126	0.3	1.6
	2021/01/09 16:00	0.6	106	0.1	0.4
	2021/01/09 17:00	0.4	92	0.1	0.2
	2021/01/09 18:00	0.6	94	0.1	0.6
	2021/01/09 19:00	0.4	94	0.1	0.3
	2021/01/09 20:00	1.1	116	0.1	0
	2021/01/09 21:00	0.8	90	0.1	0
	2021/01/09 22:00	0.9	97	0.1	0
	2021/01/09 23:00	0.8	100	0.1	0.6
	2021/01/11 12:00	1.1	114	0.1	0.1
	2021/01/11 13:00	0	93	0.1	0
	2021/01/11 14:00	0	106	0.1	0
	2021/01/11 15:00	0	107	0.1	0
	2021/01/11 16:00	0.3	90	0.1	0.1
	2021/01/11 17:00	0.4	90	0.1	0
	2021/01/11 18:00	0.4	91	0.1	0
	2021/01/11 19:00	0.5	90	0.1	0.2
	2021/01/11 20:00	0.9	89	0.1	0.1
	2021/01/11 21:00	0.9	88	0.1	0.1
	2021/01/12 11:00	0.3	126	0.1	0.2
	2021/01/12 12:00	0.1	90	0.1	0.5
	2021/01/12 13:00	0.4	92	0.1	1.1
	2021/01/12 14:00	0.3	90	0.1	1.4
	2021/01/12 15:00	0.4	85	0.1	1.4
	2021/01/12 16:00	0.7	87	0.1	0.4
	2021/01/12 17:00	0.8	88	0.1	0.5

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/12 18:00	0.8	88	0.1	1
	2021/01/12 19:00	1	89	0.1	1.3
	2021/01/12 20:00	0.8	90	0.1	0.4
	2021/01/12 21:00	0.9	88	0.1	0.1
	2021/01/12 22:00	0.7	88	0.1	0.1
	2021/01/13 06:00	0	128	0.1	0.1
	2021/01/13 07:00	0.4	126	0.1	0.6
	2021/01/13 08:00	0.8	122	0.1	1
	2021/01/13 09:00	0.8	92	0.1	1.2
	2021/01/13 10:00	0.8	88	0.1	1.2
	2021/01/13 11:00	0.7	86	0.1	1.1
	2021/01/13 12:00	0.3	93	0.1	0.1
	2021/01/13 13:00	0.2	91	0.1	0.1
	2021/01/13 14:00	0.2	93	0.1	0.1
	2021/01/13 15:00	0.3	97	0.1	0.1
	2021/01/13 16:00	0.9	115	0.1	0.3
	2021/01/13 17:00	1.1	111	0.1	0.4
	2021/01/13 18:00	1.1	107	0.1	0.3
	2021/01/13 19:00	1.1	106	0.1	1.1
	2021/01/13 20:00	0.4	101	0.1	0.2
	2021/01/13 21:00	0.5	94	0.1	0.1
	2021/01/13 22:00	0.5	93	0.1	0.1
	2021/01/13 23:00	0.5	106	0.1	0.1
	2021/01/14 00:00	0.7	109	0.1	0.1
	2021/01/14 01:00	0.9	114	0.1	0.1
	2021/01/14 02:00	1	112	0.1	0.1
	2021/01/14 03:00	0.9	111	0.1	0.4
	2021/01/14 04:00	1.1	106	0.1	0.7
	2021/01/14 05:00	1.4	107	0.1	1.2
	2021/01/14 06:00	1.2	99	0.1	1.5
	2021/01/14 07:00	1.1	108	0.1	1.6
	2021/01/14 08:00	0.9	104	0.1	0.1
	2021/01/14 09:00	0.7	89	0.1	0.1
	2021/01/14 10:00	0.8	97	0.1	0.2
	2021/01/14 11:00	0.5	88	0.1	0.1
	2021/01/14 12:00	0.3	93	0.1	0.1
	2021/01/14 13:00	0.2	87	0.1	0.8
	2021/01/14 14:00	0.7	107	0.2	1.3
	2021/01/14 15:00	0.9	97	0.6	1.8
	2021/01/14 16:00	0.3	98	0.1	0.1
	2021/01/14 17:00	0.1	84	0.1	0
	2021/01/14 18:00	0.1	82	0.1	0
	2021/01/14 19:00	0.3	81	0.1	0.6
	2021/01/14 20:00	0.9	87	0.1	0.3
	2021/01/14 21:00	0.8	81	0.1	0.1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/14 22:00	0.8	84	0.1	0.1
	2021/01/14 23:00	0.8	83	0.1	0.5
	2021/01/15 07:00	0.1	89	0.1	0
	2021/01/15 08:00	0.3	91	0.1	0.1
	2021/01/15 09:00	0.2	84	0.1	0
	2021/01/15 10:00	0.3	87	0.1	0.2
	2021/01/15 11:00	0.1	100	0.1	0
	2021/01/15 12:00	0.3	136	0.1	0.2
	2021/01/15 13:00	0.5	134	0.1	0.2
	2021/01/15 14:00	0.8	144	0.2	0.2
	2021/01/15 15:00	0.7	136	0.5	0.1
	2021/01/15 16:00	1.4	117	0.1	0.2
	2021/01/15 17:00	1.7	117	0.1	0.2
	2021/01/15 18:00	1.7	100	0.1	0.2
	2021/01/15 19:00	1.4	99	0.1	0
	2021/01/15 20:00	0.2	106	0.1	0
	2021/01/15 21:00	0.4	98	0.1	0
	2021/01/15 22:00	0.1	86	0.1	0
	2021/01/15 23:00	0.5	93	0.1	0.4
	2021/01/21 19:00	0.1	100	0.1	0
	2021/01/21 20:00	0.5	107	0.1	0.1
	2021/01/21 21:00	0.4	101	0.1	0.1
	2021/01/22 10:00	0.3	130	0.1	1.1
	2021/01/22 11:00	0.2	126	0.1	1.2
	2021/01/22 12:00	0.8	119	0.1	0.1
	2021/01/22 13:00	0.6	113	0.1	0
	2021/01/22 14:00	0.7	126	0.3	0.1
	2021/01/22 15:00	0.8	127	1.1	0.1
	2021/01/22 16:00	0.7	122	0.1	0.1
	2021/01/22 17:00	0.8	121	0.1	0.3
	2021/01/22 18:00	0.7	115	0.1	0
	2021/01/22 19:00	0.6	115	0.1	0
	2021/01/22 20:00	0.1	95	0.1	0
	2021/01/22 21:00	0.1	80	0.1	0
	2021/01/23 10:00	0.4	125	0.1	0.3
	2021/01/23 11:00	0.4	126	0.1	0.2
	2021/01/23 12:00	0.8	129	0.1	1.2
	2021/01/23 13:00	0.8	130	0.1	1.3
	2021/01/23 14:00	1.3	132	0.3	1.9
	2021/01/23 15:00	1	105	0.5	1.8
	2021/01/27 18:00	0.2	115	0.1	0.2
	2021/01/27 19:00	0.1	132	0.1	0.2
	2021/01/27 20:00	0.7	118	0.1	0.6
	2021/01/27 21:00	0.6	107	0.1	0.7
	2021/01/27 22:00	0.7	96	0.1	0.5

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/28 11:00	0.9	153	0.1	6
	2021/01/28 12:00	0.7	137	0.1	0.7
	2021/01/28 13:00	0.7	128	0.1	0.7
	2021/01/28 14:00	0.6	138	0.4	0.9
	2021/01/28 15:00	0.8	127	1.2	0.6
	2021/01/28 16:00	0.6	132	0.1	0
	2021/01/28 17:00	0.6	132	0.1	0
	2021/01/28 18:00	0.3	128	0.1	0
	2021/01/28 19:00	0.4	109	0.1	0.1
	2021/01/28 20:00	0.8	128	0.1	0.1
	2021/01/29 08:00	0.4	134	0.1	0
	2021/01/29 09:00	0.1	134	0.1	0.1
	2021/01/29 10:00	0.1	136	0.1	0.2
	2021/01/29 11:00	0.2	137	0.1	0.9
	2021/01/29 12:00	0.6	135	0.1	1
	2021/01/29 13:00	0.7	133	0.2	1.2
	2021/01/29 14:00	0.9	130	0.6	1.4
	2021/01/29 15:00	1	133	1.2	1.1
	2021/01/29 16:00	0.2	100	0.1	0.1
	2021/01/29 17:00	0.1	101	0.1	0
	2021/01/29 18:00	0.1	104	0.1	0
	2021/01/29 19:00	0.2	103	0.1	0.3
	2021/01/29 20:00	0.9	117	0.1	0.6
	2021/01/29 21:00	1.4	118	0.1	0.8
	2021/01/29 22:00	0.7	97	0.1	0.8
	2021/01/29 23:00	0.8	97	0.1	0.7
Unit12					
	2021/01/04 17:00	0.3	110	0.1	0.1
	2021/01/04 18:00	0.3	111	0.1	0.1
	2021/01/04 19:00	0.2	94	0.1	0
	2021/01/04 20:00	0.6	104	0.1	0.7
	2021/01/04 21:00	1.1	111	0.1	0.8
	2021/01/04 22:00	1.2	110	0.1	0.7
	2021/01/05 12:00	1	111	0.1	0.5
	2021/01/05 13:00	1.1	112	0.1	0.7
	2021/01/05 14:00	1.1	110	0.1	0.6
	2021/01/05 15:00	1.1	110	0.1	0.8
	2021/01/05 16:00	1.1	110	0.1	0.8
	2021/01/05 17:00	1.1	112	0.1	0
	2021/01/05 18:00	1.2	111	0.1	0.1
	2021/01/05 19:00	1.2	110	0.1	0.1
	2021/01/05 20:00	1.3	111	0.1	1.3
	2021/01/05 21:00	1.3	108	0.1	1.3
	2021/01/05 22:00	1.3	97	0.1	1.4

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/05 23:00	1.4	110	0.1	1.5
	2021/01/06 13:00	0.7	119	0.1	0.3
	2021/01/06 14:00	0.6	119	0.1	0.2
	2021/01/06 15:00	0.5	121	0.1	0.4
	2021/01/06 16:00	0.8	122	0.1	0.3
	2021/01/06 17:00	1.1	123	0.1	0.1
	2021/01/06 18:00	1.1	125	0.1	0.1
	2021/01/06 19:00	1.1	110	0.1	0.1
	2021/01/06 20:00	0.8	116	0.1	0.1
	2021/01/08 15:00	0.7	127	0.1	0.6
	2021/01/08 16:00	1	126	0.1	0.6
	2021/01/08 17:00	1.5	123	0.1	0.8
	2021/01/08 18:00	1.6	123	0.1	0.8
	2021/01/08 19:00	1.6	120	0.1	0.8
	2021/01/08 20:00	1.2	118	0.1	0.5
	2021/01/08 21:00	1	118	0.1	0.2
	2021/01/09 09:00	1.9	122	0.1	1.2
	2021/01/09 10:00	1.3	115	0.1	1.3
	2021/01/09 11:00	1.2	98	0.1	1.8
	2021/01/09 12:00	1.2	104	0.1	1.4
	2021/01/09 13:00	1.1	109	0.1	0.8
	2021/01/09 14:00	1	89	0.1	0.8
	2021/01/09 15:00	0.8	81	0.2	0.7
	2021/01/09 16:00	0.9	84	0.1	0.7
	2021/01/09 17:00	1	85	0.1	0.7
	2021/01/09 18:00	1.1	87	0.1	0.6
	2021/01/09 19:00	1	86	0.1	0.6
	2021/01/09 20:00	1.1	105	0.1	0.5
	2021/01/09 21:00	1.2	87	0.1	0.6
	2021/01/09 22:00	1.2	93	0.1	0.5
	2021/01/09 23:00	1.2	95	0.1	0.5
	2021/01/11 13:00	1	120	0.1	0.9
	2021/01/13 06:00	0.9	115	0.1	1
	2021/01/13 07:00	1	117	0.1	0.9
	2021/01/13 08:00	1.1	117	0.1	1
	2021/01/13 09:00	1.2	90	0.1	0.8
	2021/01/13 10:00	1.1	86	0.1	0.8
	2021/01/13 11:00	1.1	86	0.1	0.8
	2021/01/13 12:00	1.3	88	0.1	1
	2021/01/13 13:00	1.5	88	0.1	0.8
	2021/01/13 14:00	1.4	88	0.1	0.7
	2021/01/13 15:00	1.5	95	0.1	0.8
	2021/01/13 16:00	1.7	115	0.1	0.9
	2021/01/13 17:00	1.8	108	0.1	0.9
	2021/01/13 18:00	1.7	108	0.1	0.9

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/13 19:00	1.7	102	0.1	0.9
	2021/01/13 20:00	1.2	100	0.1	0.7
	2021/01/14 07:00	1.5	121	0.1	2.2
	2021/01/14 08:00	1.2	110	0.1	1.8
	2021/01/14 09:00	1.2	113	0.1	0.6
	2021/01/14 10:00	1.2	113	0.1	0.7
	2021/01/14 11:00	1.2	114	0.1	0.8
	2021/01/14 12:00	1.3	118	0.1	0.8
	2021/01/14 13:00	1.3	118	0.1	0.3
	2021/01/14 14:00	1.2	119	0.1	0.3
	2021/01/14 15:00	1.3	118	0.2	0.4
	2021/01/14 16:00	1.2	118	0.1	0.3
	2021/01/14 17:00	0.9	118	0.1	0.1
	2021/01/14 18:00	0.8	117	0.1	0.3
	2021/01/14 19:00	1	112	0.1	0.3
	2021/01/14 20:00	0.9	110	0.1	0.5
	2021/01/14 21:00	1	94	0.1	0.6
	2021/01/14 22:00	0.9	79	0.1	0.7
	2021/01/15 07:00	1.3	96	0.1	2.2
	2021/01/15 08:00	1.4	104	0.1	1.7
	2021/01/15 09:00	1.6	108	0.1	1.1
	2021/01/15 10:00	1.8	112	0.1	1.8
	2021/01/15 11:00	1.7	119	0.1	2.2
	2021/01/15 12:00	1.4	122	0.1	1.9
	2021/01/15 13:00	1.4	118	0.1	1
	2021/01/15 14:00	1.4	125	0.1	1
	2021/01/15 15:00	1.5	120	0.2	1
	2021/01/15 16:00	1.2	105	0.1	0.9
	2021/01/15 17:00	1.1	105	0.1	0.3
	2021/01/15 18:00	1	86	0.1	0.3
	2021/01/15 19:00	0.9	90	0.1	0.2
	2021/01/15 20:00	0.8	95	0.1	0.4
	2021/01/15 21:00	0.8	89	0.1	0.4
	2021/01/21 19:00	0.7	111	0.1	1
	2021/01/21 20:00	1.1	103	0.1	1
	2021/01/21 21:00	1.1	93	0.1	0.7
	2021/01/22 12:00	1	116	0.1	0.9
	2021/01/22 13:00	1	114	0.1	0.5
	2021/01/22 14:00	1.1	117	0.1	0.6
	2021/01/22 15:00	1.1	117	0.2	0.6
	2021/01/22 16:00	1.1	115	0.1	1.2
	2021/01/22 17:00	1.2	114	0.1	1.7
	2021/01/22 18:00	1.1	108	0.1	1.7
	2021/01/22 19:00	1.1	96	0.1	1.7
	2021/01/22 20:00	0.9	83	0.1	1.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/22 21:00	0.9	79	0.1	0.2
	2021/01/23 10:00	1	116	0.1	2.6
	2021/01/23 11:00	1.1	120	0.1	3.4
	2021/01/23 12:00	1.2	120	0.1	2.3
	2021/01/23 13:00	1.3	121	0.1	0.7
	2021/01/23 14:00	1.4	121	0.1	0.7
	2021/01/27 18:00	0.6	104	0.1	0.6
	2021/01/27 19:00	0.7	126	0.1	0.7
	2021/01/27 20:00	1	115	0.1	1.6
	2021/01/27 21:00	1.3	105	0.1	2.1
	2021/01/27 22:00	1.2	92	0.1	2.1
	2021/01/28 15:00	0.5	130	0.3	0.3
	2021/01/28 16:00	0.7	133	0.1	1.1
	2021/01/28 17:00	1.1	134	0.1	1.3
	2021/01/28 18:00	1.1	133	0.1	1.4
	2021/01/28 19:00	1.1	114	0.1	1.6
	2021/01/28 20:00	1.5	134	0.1	1.2
	2021/01/29 10:00	0.3	132	0.1	0.1
	2021/01/29 11:00	0.5	134	0.1	0.4
	2021/01/29 12:00	0.8	130	0.1	0.6
	2021/01/29 13:00	1.1	129	0.1	0.7
	2021/01/29 14:00	1	126	0.1	0.5
	2021/01/29 15:00	1	129	0.3	0.6
	2021/01/29 16:00	0.9	99	0.1	0.6
	2021/01/29 17:00	1.1	102	0.1	0.9
	2021/01/29 18:00	1.1	105	0.1	0.8
	2021/01/29 19:00	1.1	111	0.1	0.9
	2021/01/29 20:00	1.1	122	0.1	0.7
	2021/01/29 21:00	1.1	123	0.1	0.4
	2021/01/29 22:00	0.8	98	0.1	0.6
	2021/01/29 23:00	0.8	94	0.1	0.6
Unit 13					
	2021/01/04 17:00	1.4	117	0.1	0.5
	2021/01/04 18:00	1.5	115	0.1	0.3
	2021/01/04 19:00	1.8	99	0.1	0.6
	2021/01/04 20:00	0.7	110	0.1	0.5
	2021/01/04 21:00	0.8	114	0.1	0.3
	2021/01/04 22:00	0.7	114	0.1	0.1
	2021/01/04 23:00	0.6	102	0.1	0.2
	2021/01/05 12:00	0.9	114	0.2	0.6
	2021/01/05 13:00	1	115	0.2	0.2
	2021/01/05 14:00	1.1	113	0.2	0
	2021/01/05 15:00	1.4	119	0.2	0
	2021/01/05 16:00	1	112	0.1	0.7

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/05 17:00	0.8	112	0.1	0.7
	2021/01/05 18:00	1	114	0.1	0.9
	2021/01/05 19:00	1	107	0.2	1.1
	2021/01/05 20:00	1	107	0.2	0.5
	2021/01/05 21:00	1	102	0.1	0.6
	2021/01/05 22:00	0.6	101	0.2	0.5
	2021/01/05 23:00	0.7	113	0.1	0.2
	2021/01/06 13:00	1	122	0.1	0.7
	2021/01/06 14:00	1.2	126	0.1	0.6
	2021/01/06 15:00	1.2	127	0.1	0.8
	2021/01/06 16:00	0.6	125	0.1	0.7
	2021/01/06 17:00	0.7	125	0.1	0.4
	2021/01/06 18:00	0.9	127	0.1	0.5
	2021/01/06 19:00	0.7	103	0.1	0.7
	2021/01/06 20:00	1	109	0.1	0.1
	2021/01/08 15:00	1.4	134	0.1	1.4
	2021/01/08 16:00	0.6	128	0.1	0.6
	2021/01/08 17:00	0.9	127	0.2	0.8
	2021/01/08 18:00	0.9	120	0.2	0.7
	2021/01/08 19:00	0.9	115	0.1	0.8
	2021/01/08 20:00	1.1	118	0.2	0.4
	2021/01/08 21:00	1.1	102	0.2	0.4
	2021/01/09 10:00	1.2	116	0.1	0.5
	2021/01/09 11:00	0.9	101	0.1	0.2
	2021/01/09 12:00	1.3	111	0.1	0.3
	2021/01/09 13:00	1.7	122	0.1	0.4
	2021/01/09 14:00	1.9	101	0.2	0.6
	2021/01/09 15:00	1.7	96	0.1	0.6
	2021/01/09 16:00	0.6	91	0.2	0.1
	2021/01/09 17:00	0.7	93	0.2	0.3
	2021/01/09 18:00	0.8	95	0.1	0.2
	2021/01/09 19:00	0.6	94	0.2	0.6
	2021/01/09 20:00	0.7	111	0.1	0.1
	2021/01/09 21:00	0.4	92	0.1	0.1
	2021/01/09 22:00	0.6	97	0.1	0.2
	2021/01/09 23:00	0.5	99	0.1	0.1
	2021/01/12 12:00	1.1	94	0.1	1.4
	2021/01/12 13:00	0.6	99	0.1	0
	2021/01/13 06:00	0.5	116	0.2	0.7
	2021/01/13 07:00	0.8	118	0.2	0.6
	2021/01/13 08:00	0.8	114	0.1	0.3
	2021/01/13 09:00	0	96	0.1	0.4
	2021/01/13 10:00	0	99	0.2	0.6
	2021/01/13 11:00	0	104	0.2	0.4
	2021/01/13 12:00	0.8	96	0.2	0.4

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/13 13:00	0.7	97	0.2	0.4
	2021/01/13 14:00	0.8	101	0.1	0.6
	2021/01/13 15:00	0.6	99	0.1	0.4
	2021/01/13 16:00	0.7	115	0.2	0.2
	2021/01/13 17:00	0.7	108	0.1	0
	2021/01/13 18:00	0.5	106	0.1	0.2
	2021/01/13 19:00	0.8	102	0.1	0.3
	2021/01/13 20:00	0.5	104	0.1	0
	2021/01/13 21:00	0.5	99	0.1	0.2
	2021/01/13 22:00	0.3	99	0.1	0
	2021/01/13 23:00	0.3	107	0.1	0
	2021/01/14 00:00	0.8	114	0.2	0.7
	2021/01/14 01:00	1.2	115	0.1	0.6
	2021/01/14 02:00	1.3	112	0.2	1
	2021/01/14 03:00	1.3	113	0.1	0.9
	2021/01/14 04:00	0.6	112	0.1	0.3
	2021/01/14 05:00	0.4	111	0.2	0.1
	2021/01/14 06:00	0.8	106	0.1	0.2
	2021/01/14 07:00	0.6	112	0.2	0.2
	2021/01/14 08:00	0.5	110	0.2	0
	2021/01/14 09:00	0.6	114	0.1	0
	2021/01/14 10:00	0.4	114	0.2	0
	2021/01/14 11:00	0.3	114	0.2	0
	2021/01/14 12:00	0.8	116	0.2	0.1
	2021/01/14 13:00	1.4	119	0.1	0
	2021/01/14 14:00	1.7	119	0.1	0.2
	2021/01/14 15:00	1.5	120	0.1	0.1
	2021/01/14 16:00	0.9	119	0.1	0.5
	2021/01/14 17:00	0.7	120	0.1	0.6
	2021/01/14 18:00	0.7	118	0.1	0.4
	2021/01/14 19:00	0.9	111	0.2	0.4
	2021/01/14 20:00	0.6	109	0.1	0.8
	2021/01/14 21:00	0.5	94	0.1	0.9
	2021/01/14 22:00	0.1	81	0.2	0.9
	2021/01/15 10:00	0.7	121	0.2	0.3
	2021/01/15 11:00	0.7	124	0.1	0.4
	2021/01/15 12:00	1.3	123	0.1	0.8
	2021/01/15 13:00	2.4	125	0.2	1.3
	2021/01/15 14:00	2.6	134	0.1	1.4
	2021/01/15 15:00	2.6	127	0.1	1.2
	2021/01/15 16:00	0.9	119	0.1	0.6
	2021/01/15 17:00	0.9	114	0.1	0.5
	2021/01/15 18:00	0.8	97	0.2	0.5
	2021/01/15 19:00	0.8	98	0.2	0.6
	2021/01/15 20:00	0.8	104	0.2	1.1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/15 21:00	0.4	97	0.1	0.9
	2021/01/15 22:00	0.1	88	0.1	1
	2021/01/22 10:00	0.7	119	0.1	0.1
	2021/01/22 11:00	1.5	122	0.1	0.1
	2021/01/22 12:00	1.1	117	0.2	0.5
	2021/01/22 13:00	1.2	121	0.1	0.4
	2021/01/22 14:00	1.3	124	0.1	0.3
	2021/01/22 15:00	1.7	127	0.1	0.4
	2021/01/22 16:00	0.7	119	0.2	0.4
	2021/01/22 17:00	0.6	118	0.2	0.6
	2021/01/22 18:00	0.4	114	0.1	0.5
	2021/01/22 19:00	0.3	104	0.1	0.5
	2021/01/22 20:00	0.4	94	0.1	0.4
	2021/01/22 21:00	0.1	86	0.1	0.4
	2021/01/23 10:00	1.2	114	0.1	0.4
	2021/01/23 11:00	0.4	121	0.1	0.1
	2021/01/23 12:00	1.5	124	0.1	0.2
	2021/01/23 13:00	2.4	128	0.1	0.4
	2021/01/23 14:00	2.9	129	0.2	0.7
	2021/01/27 18:00	0.8	109	0.2	0.9
	2021/01/27 19:00	1.3	128	0.1	0.8
	2021/01/27 20:00	0.8	114	0.1	0.6
	2021/01/27 21:00	0.8	110	0.2	0.8
	2021/01/27 22:00	0.6	99	0.1	1.2
	2021/01/28 15:00	1.6	131	0.1	1.3
	2021/01/28 16:00	1	141	0.1	0.5
	2021/01/28 17:00	0.8	143	0.1	0.4
	2021/01/28 18:00	0.8	141	0.2	0.5
	2021/01/28 19:00	0.8	123	0.1	0.6
	2021/01/28 20:00	1.1	134	0.1	0.5
	2021/01/29 12:00	1.5	133	0.2	1.1
	2021/01/29 13:00	2.1	135	0.2	0.1
	2021/01/29 14:00	2	132	0.2	0.3
	2021/01/29 15:00	1.6	136	0.1	0.3
	2021/01/29 16:00	0.8	102	0.1	0.4
	2021/01/29 17:00	0.9	106	0.2	0.4
	2021/01/29 18:00	0.8	107	0.1	0.4
	2021/01/29 19:00	1.1	108	0.1	0.4
	2021/01/29 20:00	1.4	124	0.2	0.6
	2021/01/29 21:00	1.4	124	0.2	0.9
	2021/01/29 22:00	0.9	102	0.1	1.1
	2021/01/29 23:00	0.6	99	0.1	1.2
Unit 21					
	2021/01/04 15:00	1.1	124	0	1.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/04 16:00	1.7	121	0	0.9
	2021/01/04 17:00	1.7	121	0	0.6
	2021/01/04 18:00	1.7	116	0	0.5
	2021/01/04 19:00	1.7	95	0	0.7
	2021/01/04 20:00	1.7	111	0	0.8
	2021/01/04 21:00	2	112	0	0.8
	2021/01/04 22:00	1.8	107	0	0.9
	2021/01/04 23:00	1.7	109	0	0.7
	2021/01/05 10:00	1	126	0	0.6
	2021/01/05 11:00	1.2	123	0	0.8
	2021/01/05 12:00	1.7	127	0	0.7
	2021/01/05 13:00	1.5	124	0	0.7
	2021/01/05 14:00	1.6	119	0	0.8
	2021/01/05 15:00	1.5	122	0	0.7
	2021/01/05 16:00	1.7	116	0	0.7
	2021/01/05 17:00	1.8	119	0	0.6
	2021/01/05 18:00	1.6	118	0	0.6
	2021/01/05 19:00	1.6	116	0	0.5
	2021/01/05 20:00	1.8	119	0	1.1
	2021/01/05 21:00	1.7	112	0	1.1
	2021/01/05 22:00	1.4	105	0	1.3
	2021/01/05 23:00	1.5	118	0	1.2
	2021/01/06 11:00	0.9	129	0	1
	2021/01/06 12:00	1.4	130	0	0.7
	2021/01/06 13:00	1.7	128	0	1
	2021/01/06 14:00	1.5	128	0	0.8
	2021/01/06 15:00	1.3	129	0	0.8
	2021/01/06 16:00	1.3	130	0	0.6
	2021/01/06 17:00	1.3	131	0	0.2
	2021/01/06 18:00	1.5	132	0	0.2
	2021/01/06 19:00	1.8	109	0	0.5
	2021/01/06 20:00	1.6	114	0	0.6
	2021/01/08 13:00	1.4	136	0	1.4
	2021/01/08 14:00	1.4	137	0	1.4
	2021/01/08 15:00	1.4	138	0	1.4
	2021/01/08 16:00	1.9	134	0	1
	2021/01/08 17:00	1.9	132	0	0.8
	2021/01/08 18:00	1.9	129	0	0.7
	2021/01/08 19:00	1.8	128	0	0.8
	2021/01/08 20:00	1.9	127	0	0.9
	2021/01/08 21:00	2	126	0	0.9
	2021/01/08 22:00	2	112	0	0.9
	2021/01/09 05:00	1.3	128	0	0.4
	2021/01/09 06:00	1.2	124	0	0.6
	2021/01/09 07:00	1.3	125	0	0.4

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/09 08:00	1.4	104	0	0.6
	2021/01/09 09:00	1.6	96	0	0.6
	2021/01/09 10:00	1.9	121	0	0.6
	2021/01/09 11:00	1.8	115	0	0.9
	2021/01/09 12:00	1.3	95	0	0.6
	2021/01/09 13:00	1.3	91	0	0.7
	2021/01/09 14:00	1.2	89	0	0.7
	2021/01/09 15:00	1.2	94	0	0.6
	2021/01/09 16:00	1.4	95	0	0.4
	2021/01/09 17:00	1.4	93	0	0.7
	2021/01/09 18:00	1.2	92	0	0.9
	2021/01/09 19:00	1.1	91	0	0.7
	2021/01/09 20:00	1.7	123	0	0.4
	2021/01/09 21:00	1.8	93	0	0.6
	2021/01/09 22:00	1.9	108	0	0.7
	2021/01/09 23:00	1.9	114	0	0.6
	2021/01/11 12:00	1.6	94	0	0.8
	2021/01/11 13:00	1.6	94	0	0.5
	2021/01/11 14:00	1.9	111	0	0.5
	2021/01/11 15:00	1.9	103	0	0.5
	2021/01/11 16:00	1.5	93	0	0.6
	2021/01/11 17:00	1.5	93	0	0.6
	2021/01/11 18:00	1.4	95	0	0.7
	2021/01/11 19:00	1.6	94	0	0.6
	2021/01/11 20:00	1.2	88	0	0.4
	2021/01/11 21:00	1.1	88	0	0.5
	2021/01/12 10:00	2.3	115	0	2.2
	2021/01/12 11:00	2.9	100	0	3.4
	2021/01/12 12:00	4.1	95	0	2.6
	2021/01/12 13:00	5.9	114	0	4
	2021/01/12 14:00	6.4	113	0	4.9
	2021/01/12 15:00	6.7	106	0	5.1
	2021/01/12 16:00	2	87	0	1.9
	2021/01/12 17:00	1.4	88	0	0.8
	2021/01/12 18:00	1.3	87	0	1
	2021/01/12 19:00	1.2	87	0	1
	2021/01/12 20:00	1.8	87	0	1
	2021/01/12 21:00	1.8	88	0	1.5
	2021/01/12 22:00	1.8	87	0	1.5
	2021/01/13 06:00	1.3	128	0	0.4
	2021/01/13 07:00	1.3	130	0	0.4
	2021/01/13 08:00	1.5	123	0	0.8
	2021/01/13 09:00	1.1	89	0	1
	2021/01/13 10:00	1.1	93	0	1
	2021/01/13 11:00	0.9	98	0	1.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/13 12:00	1.2	86	0	0.9
	2021/01/13 13:00	1.2	87	0	0.6
	2021/01/13 14:00	1.2	89	0	0.3
	2021/01/13 15:00	1.2	101	0	0.6
	2021/01/13 16:00	1.5	125	0	1.4
	2021/01/13 17:00	1.7	116	0	1.4
	2021/01/13 18:00	1.8	114	0	1.5
	2021/01/13 19:00	2	109	0	1.9
	2021/01/13 20:00	1.9	112	0	1
	2021/01/13 21:00	1.7	104	0	0.6
	2021/01/13 22:00	1.7	106	0	1
	2021/01/13 23:00	1.8	118	0	0.7
	2021/01/14 00:00	2.4	129	0	1.3
	2021/01/14 01:00	2.5	131	0	1
	2021/01/14 02:00	2.4	129	0	1.1
	2021/01/14 03:00	2.5	130	0	1.8
	2021/01/14 04:00	1.8	121	0	0.9
	2021/01/14 05:00	2	120	0	0.9
	2021/01/14 06:00	1.8	109	0	0.9
	2021/01/14 07:00	1.8	121	0	0.9
	2021/01/14 08:00	1.7	110	0	1.4
	2021/01/14 09:00	1.9	117	0	1.4
	2021/01/14 10:00	1.9	117	0	1.5
	2021/01/14 11:00	1.7	118	0	1.4
	2021/01/14 12:00	1.5	122	0	0.7
	2021/01/14 13:00	1.5	122	0	0.7
	2021/01/14 14:00	1.5	123	0	1.1
	2021/01/14 15:00	1.4	123	0	0.9
	2021/01/14 16:00	1.5	126	0	0.7
	2021/01/14 17:00	1.3	125	0	0.6
	2021/01/14 18:00	1.5	124	0	0.3
	2021/01/14 19:00	1.5	119	0	0.4
	2021/01/14 20:00	1.8	123	0	0.7
	2021/01/14 21:00	1.6	103	0	0.8
	2021/01/14 22:00	1.5	89	0	0.8
	2021/01/15 07:00	0.8	122	0	0.8
	2021/01/15 08:00	1.5	125	0	0.8
	2021/01/15 09:00	1.7	122	0	1.3
	2021/01/15 10:00	2	126	0	1.6
	2021/01/15 11:00	2.3	135	0	2
	2021/01/15 12:00	1.6	130	0	1.6
	2021/01/15 13:00	1.7	125	0	1.6
	2021/01/15 14:00	1.7	132	0	1.3
	2021/01/15 15:00	1.6	126	0	1.5
	2021/01/15 16:00	1.8	114	0	1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/15 17:00	1.7	118	0	0.8
	2021/01/15 18:00	1.4	97	0	0.9
	2021/01/15 19:00	1.4	102	0	0.9
	2021/01/15 20:00	1.5	105	0	0.5
	2021/01/15 21:00	0.6	97	0	0.1
	2021/01/15 22:00	0.6	83	0	0.1
	2021/01/20 16:00	1.8	102	0	0.9
	2021/01/20 17:00	2.1	103	0	0.9
	2021/01/20 18:00	2.3	102	0	0.9
	2021/01/20 19:00	2.4	116	0	0.9
	2021/01/20 20:00	1.7	136	0	0.9
	2021/01/20 21:00	1.8	135	0	0.8
	2021/01/20 22:00	1.8	106	0	1.3
	2021/01/21 14:00	0.3	130	0	0.6
	2021/01/21 15:00	0.3	126	0	0.5
	2021/01/21 16:00	1.8	125	0	1.3
	2021/01/21 17:00	1.9	126	0	1.3
	2021/01/21 18:00	2	114	0	0.8
	2021/01/21 19:00	2.1	97	0	1.1
	2021/01/21 20:00	2.1	110	0	1.4
	2021/01/21 21:00	2	95	0	1.4
	2021/01/22 10:00	2	133	0	1.3
	2021/01/22 11:00	1.8	124	0	1.4
	2021/01/22 12:00	1.6	126	0	0.8
	2021/01/22 13:00	1.6	114	0	0.9
	2021/01/22 14:00	1.5	131	0	0.8
	2021/01/22 15:00	1.6	132	0	0.9
	2021/01/22 16:00	2.2	126	0	1.2
	2021/01/22 17:00	2.3	122	0	1.3
	2021/01/22 18:00	2.1	110	0	1.1
	2021/01/22 19:00	2.1	117	0	1.4
	2021/01/22 20:00	0.9	91	0	0.3
	2021/01/22 21:00	0.8	93	0	0.1
	2021/01/23 10:00	1	111	0	1.7
	2021/01/23 11:00	1.6	100	0	2.5
	2021/01/23 12:00	1.6	98	0	1.2
	2021/01/23 13:00	1.4	91	0	0.5
	2021/01/23 14:00	1.3	86	0	0.5
	2021/01/23 15:00	1.3	87	0	0.3
	2021/01/27 18:00	0	128	0	0
	2021/01/27 19:00	0	143	0	0
	2021/01/27 20:00	1.7	117	0	1
	2021/01/27 21:00	1.9	112	0	1
	2021/01/27 22:00	1.6	104	0	0.8
	2021/01/28 11:00	1.6	142	0	0.9

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/05 18:00	1.5	115	0	0.2
	2021/01/05 19:00	1.7	112	0	0.1
	2021/01/05 20:00	2.2	116	0	0.2
	2021/01/05 21:00	2.5	109	0	0.1
	2021/01/05 22:00	2	103	0	0.2
	2021/01/05 23:00	2.1	118	0	0.2
	2021/01/06 00:00	1.7	118	0	0.3
	2021/01/06 11:00	1.6	129	0	0.7
	2021/01/06 12:00	1.6	129	0	0.3
	2021/01/06 13:00	1.1	129	0	0
	2021/01/06 14:00	1.1	129	0	0
	2021/01/06 15:00	0.9	131	0	0
	2021/01/06 16:00	2.1	132	0	0
	2021/01/06 17:00	2	131	0	0.1
	2021/01/06 18:00	1.8	133	0	0.1
	2021/01/06 19:00	1.9	108	0	0.1
	2021/01/06 20:00	2.5	114	0	0
	2021/01/08 13:00	0.7	133	0	0.2
	2021/01/08 14:00	0	133	0	0
	2021/01/08 15:00	0	135	0	0
	2021/01/08 16:00	2.3	137	0	0.2
	2021/01/08 17:00	2.2	135	0	0.3
	2021/01/08 18:00	2.1	132	0	0.2
	2021/01/08 19:00	2.1	130	0	0.2
	2021/01/08 20:00	1.7	128	0	0.2
	2021/01/08 21:00	1.5	128	0	0
	2021/01/09 05:00	0.9	127	0	0.2
	2021/01/09 06:00	0	124	0	0
	2021/01/09 07:00	0	124	0	0
	2021/01/09 08:00	1.9	110	0	0.1
	2021/01/09 09:00	2.2	102	0	0.2
	2021/01/09 10:00	3.1	124	0	0.4
	2021/01/09 11:00	3.4	121	0	0.3
	2021/01/09 12:00	2.1	108	0	0.3
	2021/01/09 13:00	2.4	123	0	0
	2021/01/09 14:00	2.6	104	0	0.2
	2021/01/09 15:00	2.2	104	0	0.1
	2021/01/09 16:00	1.8	97	0	0.2
	2021/01/09 17:00	1.8	97	0	0.2
	2021/01/09 18:00	1.6	100	0	0.1
	2021/01/09 19:00	1.5	97	0	0.2
	2021/01/09 20:00	1.8	110	0	0.2
	2021/01/09 21:00	1.5	93	0	0.2
	2021/01/09 22:00	1.3	104	0	0.2
	2021/01/09 23:00	1.4	108	0	0.1
	2021/01/11 12:00	1.3	95	0	0.6

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/11 13:00	1.1	98	0	0.1
	2021/01/11 14:00	1.4	106	0	0.1
	2021/01/11 15:00	1.4	104	0	0.3
	2021/01/11 16:00	1.8	92	0	0.1
	2021/01/11 17:00	1.5	94	0	0.3
	2021/01/11 18:00	1.4	97	0	0.1
	2021/01/11 19:00	1.4	97	0	0.3
	2021/01/11 20:00	2.3	96	0	0.5
	2021/01/11 21:00	2	98	0	0.6
	2021/01/12 10:00	0.7	114	0	0.2
	2021/01/12 11:00	0.6	117	0	0.7
	2021/01/12 12:00	1.3	94	0	0.4
	2021/01/12 13:00	1.8	103	0	0.6
	2021/01/12 14:00	2	102	0	0.8
	2021/01/12 15:00	2	96	0	0.9
	2021/01/12 16:00	1.8	96	0	0.5
	2021/01/12 17:00	1.6	94	0	0.3
	2021/01/12 18:00	1.6	95	0	0.4
	2021/01/12 19:00	1.7	97	0	0.5
	2021/01/12 20:00	1.8	94	0	0.2
	2021/01/12 21:00	1.6	91	0	0.2
	2021/01/12 22:00	1.5	90	0	0.1
	2021/01/13 06:00	0.2	124	0	0
	2021/01/13 07:00	0.2	124	0	0
	2021/01/13 08:00	1.3	126	0	0.3
	2021/01/13 09:00	1.4	96	0	0.3
	2021/01/13 10:00	1.5	99	0	0.1
	2021/01/13 11:00	1.7	105	0	0.2
	2021/01/13 12:00	2.2	95	0	0.5
	2021/01/13 13:00	2	97	0	0.5
	2021/01/13 14:00	1.8	96	0	0.5
	2021/01/13 15:00	1.6	104	0	0.5
	2021/01/13 16:00	2.1	124	0	0.4
	2021/01/13 17:00	2	116	0	0.3
	2021/01/13 18:00	2	114	0	0.1
	2021/01/13 19:00	2.4	110	0	0.2
	2021/01/13 20:00	2	111	0	0.4
	2021/01/13 21:00	1.9	103	0	0.4
	2021/01/13 22:00	1.9	103	0	0.4
	2021/01/13 23:00	2.1	113	0	0.6
	2021/01/14	1.9	120	0	0.3
	2021/01/14 01:00	2.1	121	0	0.4
	2021/01/14 02:00	1.9	119	0	0.3
	2021/01/14 03:00	1.9	119	0	0.3
	2021/01/14 04:00	2.2	124	0	0.5
	2021/01/14 05:00	2.2	123	0	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/14 06:00	1.8	113	0	0.4
	2021/01/14 07:00	2	123	0	0.5
	2021/01/14 08:00	1.9	118	0	0.1
	2021/01/14 09:00	2.2	123	0	0.3
	2021/01/14 10:00	2.3	123	0	0.2
	2021/01/14 11:00	2.4	124	0	0.3
	2021/01/14 12:00	2.2	125	0	0.1
	2021/01/14 13:00	2.4	125	0	0.3
	2021/01/14 14:00	2.6	126	0	0.3
	2021/01/14 15:00	2.6	126	0	0.5
	2021/01/14 16:00	1.9	123	0	0.4
	2021/01/14 17:00	2	122	0	0.4
	2021/01/14 18:00	2.1	122	0	0.3
	2021/01/14 19:00	2.2	117	0	0.5
	2021/01/14 20:00	2.1	124	0	0.2
	2021/01/14 21:00	1.6	103	0	0.1
	2021/01/14 22:00	1.7	91	0	0.1
	2021/01/15 07:00	0.6	121	0	0.3
	2021/01/15 08:00	1.3	122	0	0.2
	2021/01/15 09:00	1.2	118	0	0.4
	2021/01/15 10:00	1.1	120	0	0.1
	2021/01/15 11:00	1.4	127	0	0.1
	2021/01/15 12:00	2	130	0	0.4
	2021/01/15 13:00	3	125	0	0.6
	2021/01/15 14:00	3.3	131	0	1
	2021/01/15 15:00	3.5	126	0	1
	2021/01/15 16:00	1.8	116	0	0.5
	2021/01/15 17:00	1.3	118	0	0.1
	2021/01/15 18:00	1	100	0	0.1
	2021/01/15 19:00	0.9	108	0	0
	2021/01/15 20:00	1.7	110	0	0.2
	2021/01/15 21:00	1.7	105	0	0.1
	2021/01/15 22:00	1.2	98	0	0.1
	2021/01/20 16:00	1.5	102	0	0.5
	2021/01/20 17:00	0.8	102	0	0.1
	2021/01/20 18:00	0.7	100	0	0.2
	2021/01/20 19:00	1	113	0	0
	2021/01/20 20:00	2.1	137	0	0.1
	2021/01/20 21:00	2.1	136	0	0
	2021/01/20 22:00	1.8	111	0	0
	2021/01/21 14:00	0.3	129	0	0.1
	2021/01/21 15:00	0	126	0	0
	2021/01/21 16:00	1.7	129	0	0.3
	2021/01/21 17:00	1.5	127	0	0.4
	2021/01/21 18:00	1.4	114	0	0.3
	2021/01/21 19:00	1.1	98	0	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/21 20:00	1.8	112	0	0.3
	2021/01/21 21:00	1.6	98	0	0.3
	2021/01/22 10:00	1.2	123	0	0.5
	2021/01/22 11:00	0.3	114	0	0.1
	2021/01/22 12:00	1.8	122	0	0.3
	2021/01/22 13:00	2	109	0	0.3
	2021/01/22 14:00	2.1	126	0	0.4
	2021/01/22 15:00	2.1	128	0	0.2
	2021/01/22 16:00	1.9	126	0	0.1
	2021/01/22 17:00	1.9	127	0	0
	2021/01/22 18:00	1.8	120	0	0
	2021/01/22 19:00	1.4	117	0	0
	2021/01/22 20:00	1.5	93	0	0.3
	2021/01/22 21:00	1.6	93	0	0.3
	2021/01/23 10:00	0.8	106	0	0.2
	2021/01/23 11:00	0	92	0	0
	2021/01/23 12:00	2.7	103	0	0.8
	2021/01/23 13:00	3.6	97	0	1.8
	2021/01/23 14:00	4.1	98	0	2.3
	2021/01/23 15:00	3.5	99	0	2.1
	2021/01/27 18:00	0.6	124	0	0.2
	2021/01/27 19:00	0	135	0	0.1
	2021/01/27 20:00	2	120	0	0.3
	2021/01/27 21:00	1.7	116	0	0.2
	2021/01/27 22:00	1.3	109	0	0.3
	2021/01/28 11:00	3.8	142	0	2.8
	2021/01/28 12:00	2.1	138	0	2.8
	2021/01/28 13:00	1.8	129	0	0
	2021/01/28 14:00	1.7	138	0	0.1
	2021/01/28 15:00	1.3	122	0	0.1
	2021/01/28 16:00	1.4	116	0	0.3
	2021/01/28 17:00	1.6	115	0	0.1
	2021/01/28 18:00	1.3	109	0	0.2
	2021/01/28 19:00	1.6	109	0	0.3
	2021/01/28 20:00	2.3	104	0	0.1
	2021/01/29 08:00	1.6	120	0	0.2
	2021/01/29 09:00	0.6	113	0	0
	2021/01/29 10:00	0.5	105	0	0
	2021/01/29 11:00	1.3	117	0	0.3
	2021/01/29 12:00	2.5	125	0	0.4
	2021/01/29 13:00	2.8	136	0	0.4
	2021/01/29 14:00	2.5	133	0	0.3
	2021/01/29 15:00	2.1	137	0	0.2
	2021/01/29 16:00	1.8	108	0	0.3
	2021/01/29 17:00	1.9	126	0	0.2
	2021/01/29 18:00	1.6	117	0	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm3)	PM (mg/Nm3)	SO ₂ (mg/Nm3)
	2021/01/29 19:00	1.7	109	0	0.1
	2021/01/29 20:00	2.3	130	0	0.3
	2021/01/29 21:00	2.3	130	0	0.3
	2021/01/29 22:00	2.1	111	0	0.5
	2021/01/29 23:00	1.9	110	0	0.4

Table 3 b Total Emissions

	CO mass (kg)	NO _x mass (kg)	PM mass (kg)	SO ₂ mass (kg)
TOTAL	4479	86497	3	361

Table 4: Each unit and respective days operating under normal operation

Unit	Hours operating under normal operation	Test-run hours	Total
11	184	0	184
12	138	0	138
13	144	0	144
21	206	0	206
22	206	0	206
<i>Total</i>	878	0	878

Table 5 Continuous Emission Monitoring System (CEMS) availability

Associated Unit	Technology Type	Actual Utilisation (%) for the month of January
Unit 11	CEMS	100%
Unit 12	CEMS	100%
Unit 13	CEMS	100%
Unit 21	CEMS	100%
Unit 22	CEMS	100%

NOTE: Continuous Emission Monitoring System (CEMS) is always online unless a fault is reported. The system auto calibrates every four (4) hours and raises an alarm if auto calibration is out of spec. Onsite technicians calibrate the system with calibration gas annually.

Table 6 Average Point Source Emissions released during start-up, maintenance and shut down for the month of January 2021 in mg/Nm³

Associated Unit	NO _x	SO ₂
Unit 11	113.406	4.700
Unit 12	96.528	6.533
Unit 13	113	4.591
Unit 21	128	2.963
Unit 22	123.806	2.544

4. Comments on the performance

- All 5 units were available to generate power for the month of January 2021
- **Leak detection and Repair programme** – No leaks were reported during January 2021.

5. Load Factor: 33.57%

6. Complaints Register

Table 7. Complaints

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

9 General

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

Do not hesitate to contact Hilton Westman 021-9415856 for any related queries.

Yours sincerely



Pamela Mrubata

ANKERLIG POWER STATION