

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

Date:
 23 FEB 2021

Enquiries:
 021 941 5856

Ref: GOU/2020/12

Dear Dr Schoeman

GOURIKWA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF December 2020

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 December, 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 December 2020.

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Total consumption in Month of December
	Fuel Diesel	Tons/hour/unit	40	37 915 823.31
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted per unit (MW)	Total production/Power sent out in Month of December
	Energy	MWh/ /unit	170	122 091.78
Fuel use per hour per unit (L)		Fuel efficiency Litres per MWH		
	Unit 11: 43 047.84		Unit 11: 313.14	
	Unit 12: 41 574.21		Unit 12: 307.31	
	Unit 13: 39 690.05		Unit 13: 301.06	
	Unit 21: 42 171.86		Unit 21: 315.2	
	Unit 22: 42 172.37		Unit 22: 315.07	

2. Abatement Technology

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

Associated Unit	Technology Type	Actual Utilisation (%) for the month of December
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 3: Total monthly emission rates and Licence limits

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
Hourly Licence Limit mg/Nm³			250	50	500
Unit 11					
	2020/12/09 12:00	0.1	148	0.1	0.3
	2020/12/09 13:00	0	144	0.1	0
	2020/12/09 14:00	0	144	0.2	0
	2020/12/09 15:00	0.3	143	0.1	0
	2020/12/09 16:00	0.4	139	0.1	0.1
	2020/12/09 17:00	0.3	138	0.1	0
	2020/12/09 18:00	0.3	135	0.1	0
	2020/12/09 19:00	0.3	136	0.1	0
	2020/12/09 20:00	0.3	139	0.1	0
	2020/12/09 21:00	0.5	137	0.1	0.1
	2020/12/09 22:00	0.3	133	0.1	0
	2020/12/09 23:00	0.6	134	0.1	0.5
	2020/12/10 00:00	1	133	0.1	0.4
	2020/12/10 10:00	0.1	130	0.1	0.2
	2020/12/10 11:00	0.1	119	0.1	0.2
	2020/12/10 12:00	0.2	102	0.1	0.2
	2020/12/10 13:00	0.4	113	0.1	0.7
	2020/12/10 14:00	0.5	106	0.2	1.2
	2020/12/10 15:00	0.6	122	0.2	0.8
	2020/12/10 16:00	0.7	124	0.1	0.1
	2020/12/10 17:00	0.7	137	0.1	0.3
	2020/12/10 18:00	1	140	0.1	0.2
	2020/12/10 19:00	0.9	140	0.1	0.3
	2020/12/10 20:00	0.5	140	0.1	0.1
	2020/12/10 21:00	0.7	140	0.1	0.3
	2020/12/10 22:00	0.6	139	0.1	0.3

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/10 23:00	0.7	137	0.1	0.4
	2020/12/11 00:00	0.4	141	0.1	0.1
	2020/12/11 01:00	0.3	139	0.1	0.1
	2020/12/11 03:00	0.4	128	0.1	0.4
	2020/12/11 04:00	0.5	129	0.1	0.3
	2020/12/11 05:00	0.4	127	0.1	0.4
	2020/12/11 06:00	0.5	128	0.1	0.3
	2020/12/11 07:00	0.5	127	0.1	0.3
	2020/12/11 08:00	0.8	130	0.1	0.1
	2020/12/11 09:00	0.7	131	0.1	0
	2020/12/11 10:00	0.6	134	0.1	0.3
	2020/12/11 11:00	0.8	134	0.1	0.5
	2020/12/11 12:00	0.3	120	0.1	2.3
	2020/12/11 13:00	0.2	121	0.1	2
	2020/12/11 14:00	0.3	120	0.1	2.3
	2020/12/11 15:00	0.3	123	0.1	2.2
	2020/12/11 16:00	0.4	130	0.1	0.2
	2020/12/11 17:00	0.5	128	0.1	0.3
	2020/12/11 18:00	0.6	126	0.1	0.3
	2020/12/11 19:00	0.6	130	0.1	0.3
	2020/12/11 20:00	0.7	129	0.1	0.2
	2020/12/11 21:00	1	127	0.1	0.3
	2020/12/11 22:00	1	126	0.1	0.3
	2020/12/11 23:00	0.9	126	0.1	0.4
	2020/12/12 00:00	1	128	0.1	0.3
	2020/12/12 01:00	0.7	114	0.1	0.2
	2020/12/12 02:00	0.9	113	0.1	0.3
	2020/12/12 03:00	0.5	124	0.1	0.3
	2020/12/12 04:00	0.2	113	0.1	1.1
	2020/12/12 05:00	0.1	114	0.1	0.8
	2020/12/12 06:00	0.3	115	0.1	1.3
	2020/12/12 07:00	0.4	117	0.1	1.2
	2020/12/12 08:00	0.7	127	0.1	0
	2020/12/12 09:00	0.8	130	0.1	0.2
	2020/12/12 10:00	0.7	135	0.1	0.1
	2020/12/12 11:00	0.9	136	0.1	0.1
	2020/12/12 12:00	0.9	132	0.1	0.3
	2020/12/14 17:00	0.4	131	0.1	0.2
	2020/12/14 18:00	0.1	135	0.1	0.2
	2020/12/14 19:00	0.4	136	0.1	0.1
	2020/12/14 20:00	1.4	141	0.1	0
	2020/12/14 21:00	2.2	142	0.1	0.1
	2020/12/14 22:00	1.9	140	0.1	0.2
	2020/12/14 23:00	2.1	138	0.1	0.2
	2020/12/15 00:00	1.2	136	0.1	0.2

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/15 16:00	0	125	0.1	0.1
	2020/12/15 17:00	0	126	0.1	0.2
	2020/12/15 18:00	0	127	0.1	0.1
	2020/12/15 19:00	0.4	104	0.1	0.1
	2020/12/15 20:00	0.8	132	0.1	0.4
	2020/12/15 21:00	1.2	135	0.1	0.4
	2020/12/15 22:00	1	124	0.1	0.3
	2020/12/16 19:00	0.3	105	0.1	0.2
	2020/12/16 20:00	0.3	97	0.1	0
	2020/12/16 21:00	0.5	124	0.1	0.3
	2020/12/16 22:00	0.7	132	0.1	0.2
	2020/12/16 23:00	0.9	130	0.1	0.4
	2020/12/17 00:00	1.4	131	0.1	0.1
	2020/12/17 01:00	1.4	105	0.1	0.1
	2020/12/17 14:00	0.2	108	0.1	0
	2020/12/17 15:00	0.1	129	0.2	0.1
	2020/12/17 16:00	0.7	127	0.1	0.3
	2020/12/17 17:00	0.9	133	0.1	0.4
	2020/12/17 18:00	0.9	132	0.1	0.7
	2020/12/17 19:00	0.8	119	0.1	0.3
	2020/12/17 20:00	0.6	118	0.1	1
	2020/12/17 21:00	0.7	118	0.1	1.1
	2020/12/18 14:00	0	127	0.2	0
	2020/12/18 15:00	0.1	138	0.2	0
	2020/12/18 16:00	0.5	138	0.1	0.1
	2020/12/18 17:00	0.5	136	0.1	0.2
	2020/12/18 18:00	0.6	135	0.1	0.1
	2020/12/18 19:00	0.7	124	0.1	0.2
	2020/12/18 20:00	0.6	129	0.1	0.1
	2020/12/18 21:00	0.5	128	0.1	0.2
	2020/12/19 11:00	0.5	109	0.1	0.9
	2020/12/19 12:00	0.9	107	0.1	0.1
	2020/12/19 13:00	0.8	102	0.1	0.2
	2020/12/19 14:00	1.1	102	0.2	0.1
	2020/12/19 15:00	1.1	99	0.2	0.1
	2020/12/19 16:00	0.7	102	0.1	0.2
	2020/12/19 17:00	0.7	93	0.1	0.2
	2020/12/19 18:00	0.3	92	0.1	0.3
	2020/12/19 19:00	0.4	111	0.1	0.2
	2020/12/19 20:00	1.1	131	0.1	0
	2020/12/21 13:00	0	121	0.1	0.5
	2020/12/21 14:00	0	119	0.1	0
	2020/12/21 15:00	0.4	118	0.1	0
	2020/12/21 16:00	0.4	112	0.1	0.1
	2020/12/21 17:00	0.5	98	0.1	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/21 18:00	0.7	113	0.1	0.1
	2020/12/21 19:00	0.8	113	0.1	0.1
	2020/12/21 20:00	0.8	106	0.1	0.3
	2020/12/21 21:00	0.9	109	0.1	0.3
	2020/12/21 22:00	0.6	93	0.1	0.2
	2020/12/21 23:00	0.9	99	0.1	1
	2020/12/22 00:00	0.3	92	0.1	0.9
	2020/12/22 01:00	0.4	88	0.1	1.6
	2020/12/22 02:00	0.4	91	0.1	1.5
	2020/12/22 03:00	0.6	90	0.1	1.4
	2020/12/22 04:00	0.2	93	0.1	0.2
	2020/12/22 05:00	0.5	113	0.1	0.7
	2020/12/22 06:00	0.4	120	0.1	0.7
	2020/12/22 07:00	0.4	119	0.1	0.4
	2020/12/22 08:00	0.3	120	0.1	0
	2020/12/22 09:00	0.5	123	0.1	0.2
	2020/12/22 10:00	0.5	122	0.1	0.3
	2020/12/22 11:00	0.6	123	0.1	0.8
	2020/12/22 12:00	0.6	127	0.1	0.1
	2020/12/22 13:00	0.6	128	0.1	0.2
	2020/12/22 14:00	0.6	127	0.1	0.3
	2020/12/22 15:00	0.7	124	0.1	0
	2020/12/22 16:00	0.9	125	0.1	0.1
	2020/12/22 17:00	0.8	126	0.1	0.1
	2020/12/22 18:00	0.8	124	0.1	0.1
	2020/12/22 19:00	0.9	106	0.1	0.2
	2020/12/22 20:00	1.7	119	0.1	0.8
	2020/12/22 21:00	1.8	108	0.1	1.2
	2020/12/29 00:00	0.1	114	0.1	0
	2020/12/29 01:00	0	108	0.1	0.3
	2020/12/29 02:00	0.1	98	0.1	0.1
	2020/12/29 03:00	0.3	106	0.1	0.4
	2020/12/29 04:00	0.9	101	0.1	0.2
	2020/12/29 05:00	1.1	124	0.1	0.1
	2020/12/29 06:00	1.3	109	0.1	0.2
	2020/12/29 07:00	1.1	99	0.1	0.1
	2020/12/29 08:00	0.7	108	0.1	0
	2020/12/29 09:00	0.4	108	0.1	0
	2020/12/29 10:00	0.2	97	0.1	0.1
	2020/12/29 11:00	0.5	106	0.1	0.1
	2020/12/29 12:00	0.4	96	0.1	0
	2020/12/29 13:00	0.4	96	0.1	0.1
	2020/12/29 14:00	0.9	98	0.1	0.4
	2020/12/29 15:00	0.6	98	0.1	0.2
	2020/12/29 16:00	0.3	99	0.1	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/29 17:00	0.2	100	0.1	0.1
	2020/12/29 18:00	0.2	106	0.1	0.2
	2020/12/29 19:00	0.4	103	0.1	0.3
	2020/12/29 20:00	0.5	110	0.1	0.7
	2020/12/29 21:00	0.5	111	0.1	0.9
	2020/12/29 22:00	0.6	108	0.1	1
	2020/12/29 23:00	0.7	104	0.1	1.7
	2020/12/30 00:00	0.7	95	0.1	2
	2020/12/30 19:00	0.1	104	0.1	0
	2020/12/30 20:00	0.9	122	0.1	0
	2020/12/30 21:00	0.6	116	0.1	0
	2020/12/30 22:00	0.7	112	0.1	0.2
	2020/12/30 23:00	0.7	100	0.1	0.2
	2020/12/31 00:00	0.9	115	0.1	0.1
	2020/12/31 01:00	1	102	0.1	0.2
	2020/12/31 02:00	1	102	0.1	0
	2020/12/31 03:00	1	100	0.1	0.1
	2020/12/31 04:00	0.8	95	0.1	0.2
	2020/12/31 05:00	0.5	97	0.1	0.1
	2020/12/31 17:00	0.1	107	0.1	0
	2020/12/31 18:00	0	106	0.1	0
	2020/12/31 19:00	0.1	100	0.1	0
	2020/12/31 20:00	0.6	116	0.1	0
	2020/12/31 21:00	0.6	106	0.1	0.1
	2020/12/31 22:00	0.9	108	0.1	0.1
	2020/12/31 23:00	0.7	107	0.1	0.4
Unit 12					
	2020/12/09 16:00	2	129	15.17	0.1
	2020/12/09 17:00	1	120	15.16	0.1
	2020/12/09 18:00	1.1	120	15.16	0.1
	2020/12/09 19:00	1.1	120	15.17	0.1
	2020/12/09 20:00	1	119	15.17	0.1
	2020/12/09 21:00	0.9	117	15.17	0.1
	2020/12/09 22:00	0.9	117	15.17	0.1
	2020/12/09 23:00	0.9	118	15.18	0.1
	2020/12/10 11:00	0.2	113	15.24	0.1
	2020/12/10 12:00	0.8	99	15.49	0.1
	2020/12/10 13:00	1.3	107	15.4	0.1
	2020/12/10 14:00	1.3	102	15.48	0.1
	2020/12/10 15:00	1.4	114	15.31	0.1
	2020/12/10 16:00	1	115	15.27	0.1
	2020/12/10 17:00	0.4	114	15.23	0.1
	2020/12/10 18:00	0.4	94	15.41	0.1
	2020/12/10 19:00	0.4	86	15.55	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/10 20:00	0.9	99	15.44	0.1
	2020/12/10 21:00	1.4	118	15.22	0.1
	2020/12/10 22:00	1.2	125	15.19	0.1
	2020/12/10 23:00	1.2	120	15.2	0.1
	2020/12/11 01:00	1	113	15.17	0.1
	2020/12/11 02:00	1	116	15.16	0.1
	2020/12/11 03:00	1	116	15.15	0.1
	2020/12/11 04:00	1.1	116	15.18	0.1
	2020/12/11 05:00	1.2	115	15.2	0.1
	2020/12/11 06:00	1.1	98	15.42	0.1
	2020/12/11 07:00	1.1	101	15.34	0.1
	2020/12/11 08:00	1.2	109	15.26	0.1
	2020/12/11 09:00	1.3	118	15.24	0.1
	2020/12/11 10:00	1.3	125	15.2	0.1
	2020/12/11 11:00	1.3	126	15.2	0.1
	2020/12/11 12:00	1.4	124	15.21	0.1
	2020/12/11 13:00	1.3	120	15.21	0.1
	2020/12/11 14:00	1.4	121	15.22	0.1
	2020/12/11 15:00	1.2	122	15.22	0.1
	2020/12/11 16:00	1.3	120	15.23	0.1
	2020/12/11 17:00	1.4	110	15.3	0.1
	2020/12/11 18:00	1.2	94	15.57	0.1
	2020/12/11 19:00	1.1	91	15.68	0.1
	2020/12/11 20:00	1.2	99	15.53	0.1
	2020/12/11 21:00	1.4	103	15.33	0.1
	2020/12/11 22:00	1.3	95	15.46	0.1
	2020/12/11 23:00	1.4	103	15.33	0.1
	2020/12/12 00:00	0.9	103	15.31	0.1
	2020/12/12 01:00	0.6	108	15.22	0.1
	2020/12/12 02:00	0.6	100	15.29	0.1
	2020/12/12 03:00	0.5	106	15.27	0.1
	2020/12/12 04:00	0.8	101	15.33	0.1
	2020/12/12 05:00	1.1	116	15.27	0.1
	2020/12/12 06:00	1.1	115	15.25	0.1
	2020/12/12 07:00	0.9	89	15.64	0.1
	2020/12/12 08:00	0.7	90	15.6	0.1
	2020/12/12 09:00	0.6	90	15.59	0.1
	2020/12/12 10:00	0.8	90	15.68	0.1
	2020/12/12 11:00	0.9	94	15.58	0.1
	2020/12/12 12:00	0.9	92	15.57	0.1
	2020/12/14 17:00	0.8	122	15.17	0.1
	2020/12/14 18:00	0.8	125	15.17	0.1
	2020/12/14 19:00	0.9	123	15.19	0.1
	2020/12/14 20:00	1.1	123	15.2	0.1
	2020/12/14 21:00	1.3	128	15.19	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/14 22:00	1.2	111	15.38	0.1
	2020/12/14 23:00	1.2	92	15.61	0.1
	2020/12/15 00:00	1	98	15.46	0.1
	2020/12/15 16:00	1	124	15.15	0.1
	2020/12/15 17:00	0.9	124	15.17	0.1
	2020/12/15 18:00	1.1	124	15.17	0.1
	2020/12/15 19:00	1	104	15.45	0.1
	2020/12/15 20:00	0.9	124	15.17	0.1
	2020/12/15 21:00	1	126	15.18	0.1
	2020/12/16 19:00	1	96	15.59	0.1
	2020/12/16 20:00	1	96	15.6	0.1
	2020/12/16 21:00	1.2	123	15.24	0.1
	2020/12/16 22:00	1.4	130	15.17	0.1
	2020/12/16 23:00	1.3	127	15.21	0.1
	2020/12/17 00:00	1.5	119	15.34	0.1
	2020/12/17 14:00	0.7	114	15.31	0.1
	2020/12/17 15:00	0.6	123	15.25	0.1
	2020/12/17 16:00	0.9	121	15.23	0.1
	2020/12/17 17:00	1.3	127	15.17	0.1
	2020/12/17 18:00	1.3	127	15.17	0.1
	2020/12/17 19:00	1.2	117	15.23	0.1
	2020/12/17 20:00	1.2	120	15.23	0.1
	2020/12/17 21:00	1.4	121	15.22	0.1
	2020/12/18 15:00	0.8	124	15.21	0.1
	2020/12/18 16:00	0.7	121	15.21	0.1
	2020/12/18 17:00	0.9	119	15.19	0.1
	2020/12/18 18:00	1.1	118	15.18	0.1
	2020/12/18 19:00	0.9	106	15.31	0.1
	2020/12/18 20:00	0.8	120	15.19	0.1
	2020/12/18 21:00	0	121	15.19	0.1
	2020/12/19 11:00	1.2	102	15.47	0.1
	2020/12/19 12:00	1.2	105	15.38	0.1
	2020/12/19 13:00	1.1	98	15.5	0.1
	2020/12/19 14:00	1.1	96	15.52	0.1
	2020/12/19 15:00	1.1	90	15.62	0.1
	2020/12/19 16:00	1.1	101	15.42	0.1
	2020/12/19 17:00	1.1	91	15.57	0.1
	2020/12/19 18:00	1.1	91	15.56	0.1
	2020/12/19 19:00	1.3	110	15.32	0.1
	2020/12/19 20:00	1.4	118	15.2	0.1
	2020/12/21 13:00	1	116	15.15	0.1
	2020/12/21 14:00	1.1	114	15.18	0.1
	2020/12/21 15:00	1.3	115	15.18	0.1
	2020/12/21 16:00	1.5	110	15.22	0.1
	2020/12/21 17:00	1.8	94	15.48	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/21 18:00	1.8	108	15.26	0.1
	2020/12/21 19:00	1.7	106	15.27	0.1
	2020/12/21 20:00	1.4	106	15.29	0.1
	2020/12/21 21:00	0.9	108	15.25	0.1
	2020/12/21 22:00	0.8	91	15.46	0.1
	2020/12/21 23:00	0.8	99	15.4	0.1
	2020/12/22 00:00	0.8	88	15.56	0.1
	2020/12/22 01:00	0.9	85	15.56	0.1
	2020/12/22 02:00	1	93	15.36	0.1
	2020/12/22 03:00	1.1	89	15.42	0.1
	2020/12/22 04:00	1.2	92	15.42	0.1
	2020/12/22 05:00	1.5	116	15.21	0.1
	2020/12/22 06:00	1.3	122	15.19	0.1
	2020/12/22 07:00	1.5	119	15.2	0.1
	2020/12/22 08:00	1.2	117	15.2	0.1
	2020/12/22 09:00	0.9	116	15.2	0.1
	2020/12/22 10:00	0.9	114	15.21	0.1
	2020/12/22 11:00	1	116	15.21	0.1
	2020/12/22 12:00	1.4	113	15.24	0.1
	2020/12/22 13:00	1.9	117	15.24	0.1
	2020/12/22 14:00	1.9	118	15.23	0.1
	2020/12/22 15:00	2	117	15.23	0.1
	2020/12/22 16:00	1.5	117	15.22	0.1
	2020/12/22 17:00	1.2	117	15.21	0.1
	2020/12/22 18:00	1.2	114	15.22	0.1
	2020/12/22 19:00	1.1	101	15.26	0.1
	2020/12/22 20:00	0.9	113	15.2	0.1
	2020/12/22 21:00	0.7	100	15.27	0.1
	2020/12/29 00:00	0.8	112	15.22	0.1
	2020/12/29 01:00	0.8	107	15.24	0.1
	2020/12/29 02:00	0.8	97	15.4	0.1
	2020/12/29 03:00	0.9	104	15.3	0.1
	2020/12/29 04:00	0.6	88	15.55	0.1
	2020/12/29 05:00	0.8	112	15.26	0.1
	2020/12/29 06:00	0.8	101	15.35	0.1
	2020/12/29 07:00	0.7	88	15.55	0.1
	2020/12/29 08:00	0.8	102	15.35	0.1
	2020/12/29 09:00	0.9	104	15.36	0.1
	2020/12/29 10:00	1	88	15.57	0.1
	2020/12/29 11:00	1	98	15.42	0.1
	2020/12/29 12:00	0.9	87	15.65	0.1
	2020/12/29 13:00	1.1	88	15.67	0.1
	2020/12/29 14:00	1.1	91	15.66	0.1
	2020/12/29 15:00	1.2	94	15.65	0.1
	2020/12/29 16:00	1	92	15.63	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/29 17:00	0.8	93	15.6	0.1
	2020/12/29 18:00	0.7	112	15.37	0.1
	2020/12/29 19:00	0.5	95	15.56	0.1
	2020/12/29 20:00	0.9	113	15.31	0.1
	2020/12/29 21:00	1.3	115	15.3	0.1
	2020/12/29 22:00	1.4	112	15.32	0.1
	2020/12/29 23:00	1.4	107	15.35	0.1
	2020/12/30 00:00	1	95	15.59	0.1
	2020/12/30 19:00	0.4	96	15.56	0.1
	2020/12/30 20:00	1.1	113	15.3	0.1
	2020/12/30 21:00	1	112	15.31	0.1
	2020/12/30 22:00	0.9	106	15.36	0.1
	2020/12/31 17:00	0.7	112	15.41	0.1
	2020/12/31 18:00	0.8	124	15.22	0.1
	2020/12/31 19:00	0.8	121	15.25	0.1
	2020/12/31 20:00	0.8	123	15.22	0.1
	2020/12/31 21:00	0.8	121	15.21	0.1
	2020/12/31 22:00	0.8	121	15.23	0.1
Unit 13					
	2020/12/09 17:00	1.3	126	15.13	0.1
	2020/12/09 18:00	1.2	127	15.13	0.2
	2020/12/09 19:00	1.3	127	15.13	0.1
	2020/12/09 20:00	0.7	124	15.13	0.1
	2020/12/09 21:00	0.7	124	15.13	0.2
	2020/12/09 22:00	0.6	122	15.12	0.1
	2020/12/09 23:00	0.5	121	15.12	0.2
	2020/12/10 10:00	0.4	112	15.22	0.2
	2020/12/10 11:00	0.2	103	15.3	0.1
	2020/12/10 12:00	1	105	15.4	0.1
	2020/12/10 13:00	0.9	111	15.37	0.1
	2020/12/10 14:00	1	107	15.42	0.2
	2020/12/10 15:00	1.1	120	15.25	0.1
	2020/12/10 16:00	0.9	119	15.23	0.1
	2020/12/10 17:00	0.7	125	15.18	0.1
	2020/12/10 18:00	0.7	103	15.38	0.1
	2020/12/10 19:00	0.6	98	15.52	0.1
	2020/12/10 20:00	1.1	103	15.4	0.1
	2020/12/10 21:00	1.3	118	15.18	0.2
	2020/12/10 22:00	1.1	126	15.15	0.1
	2020/12/10 23:00	1.1	121	15.18	0.1
	2020/12/11 00:00	0.6	126	15.2	0.1
	2020/12/11 01:00	0.7	123	15.2	0.1
	2020/12/11 03:00	0.7	119	15.19	0.1
	2020/12/11 04:00	0.5	111	15.18	0.1
	2020/12/11 05:00	0.6	112	15.19	0.2

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/11 06:00	0.5	98	15.38	0.1
	2020/12/11 07:00	0.5	99	15.31	0.2
	2020/12/11 08:00	1.1	108	15.26	0.1
	2020/12/11 09:00	1.3	120	15.19	0.1
	2020/12/11 10:00	1.4	128	15.18	0.1
	2020/12/11 11:00	1.6	129	15.16	0.1
	2020/12/11 12:00	1.2	123	15.17	0.1
	2020/12/11 13:00	1.2	123	15.17	0.1
	2020/12/11 14:00	1.1	122	15.15	0.1
	2020/12/11 15:00	1.1	123	15.16	0.2
	2020/12/11 16:00	1.5	123	15.18	0.2
	2020/12/11 17:00	1.6	107	15.24	0.1
	2020/12/11 18:00	1.4	96	15.51	0.2
	2020/12/11 19:00	1.5	95	15.63	0.1
	2020/12/11 20:00	0.9	101	15.53	0.1
	2020/12/11 21:00	1	102	15.29	0.1
	2020/12/11 22:00	0.7	96	15.43	0.1
	2020/12/11 23:00	0.3	100	15.29	0.1
	2020/12/12 00:00	0.7	96	15.3	0.1
	2020/12/12 01:00	0.9	107	15.22	0.2
	2020/12/12 02:00	0.9	98	15.26	0.2
	2020/12/12 03:00	0.7	104	15.26	0.1
	2020/12/12 04:00	0.5	96	15.28	0.1
	2020/12/12 05:00	0.4	105	15.25	0.1
	2020/12/12 06:00	0.8	104	15.23	0.2
	2020/12/12 07:00	0.6	86	15.63	0.1
	2020/12/12 08:00	0.6	92	15.57	0.1
	2020/12/12 09:00	0.3	94	15.55	0.1
	2020/12/12 10:00	0.8	98	15.65	0.2
	2020/12/12 11:00	1	103	15.54	0.1
	2020/12/12 12:00	0.7	100	15.54	0.2
	2020/12/14 17:00	0.2	2	20.98	0.1
	2020/12/14 18:00	0.4	2	20.97	0.2
	2020/12/14 19:00	0.3	2	20.97	0.1
	2020/12/14 20:00	0.1	1	20.97	0.1
	2020/12/14 21:00	0	1	20.97	0.2
	2020/12/14 22:00	0.1	1	20.97	0.1
	2020/12/14 23:00	0.1	1	20.97	0.2
	2020/12/15 00:00	0.2	2	20.97	0.2
	2020/12/15 16:00	0.2	1	20.96	0.1
	2020/12/15 17:00	0.1	1	20.96	0.2
	2020/12/15 18:00	0.2	1	20.96	0.1
	2020/12/15 19:00	0.3	1	20.96	0.2
	2020/12/15 20:00	0.2	4	20.97	0.1
	2020/12/15 21:00	0	4	20.97	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/16 19:00	0.3	2	20.99	0.1
	2020/12/16 20:00	0.2	4	20.98	0.1
	2020/12/16 21:00	0.3	4	20.97	0.2
	2020/12/16 22:00	0.3	4	20.98	0.2
	2020/12/16 23:00	0.3	4	20.98	0.1
	2020/12/17 00:00	0.3	3	20.98	0.2
	2020/12/17 14:00	0.1	2	20.98	0.1
	2020/12/17 15:00	0.3	3	20.98	0.1
	2020/12/17 16:00	0.1	2	20.96	0.2
	2020/12/17 17:00	0.1	3	20.97	0.2
	2020/12/17 18:00	0.1	2	20.97	0.1
	2020/12/17 19:00	0.2	2	20.97	0.1
	2020/12/17 20:00	0.2	2	20.97	0.1
	2020/12/17 21:00	0.1	0	20.97	0.2
	2020/12/18 14:00	0.6	1	20.98	0.1
	2020/12/18 15:00	0.7	1	20.97	0.2
	2020/12/18 16:00	2.1	118	16.86	0.2
	2020/12/18 17:00	0	116	15.15	0.1
	2020/12/18 18:00	0	123	15.15	0.1
	2020/12/18 19:00	0	112	15.26	0.1
	2020/12/18 20:00	0.8	124	15.14	0.2
	2020/12/18 21:00	0.7	122	15.13	0.1
	2020/12/19 11:00	1.2	118	15.16	0.1
	2020/12/19 12:00	1	103	15.31	0.1
	2020/12/19 13:00	1.3	100	15.45	0.2
	2020/12/19 14:00	1.1	100	15.46	0.1
	2020/12/19 15:00	0.9	95	15.57	0.1
	2020/12/19 16:00	0.9	99	15.28	0.2
	2020/12/19 17:00	1	91	15.6	0.1
	2020/12/19 18:00	1.1	92	15.53	0.1
	2020/12/19 19:00	0.8	88	15.59	0.1
	2020/12/19 20:00	0.7	85	15.54	0.1
	2020/12/21 16:00	1.3	103	15.19	0.2
	2020/12/21 17:00	1.7	96	15.43	0.1
	2020/12/21 18:00	1.5	104	15.22	0.2
	2020/12/21 19:00	1.5	102	15.25	0.2
	2020/12/21 20:00	1.2	101	15.26	0.1
	2020/12/21 21:00	0	106	15.17	0.1
	2020/12/21 22:00	0	92	15.43	0.2
	2020/12/21 23:00	0	102	15.36	0.1
	2020/12/22 00:00	0.4	92	15.56	0.1
	2020/12/22 01:00	0.4	93	15.53	0.1
	2020/12/22 02:00	0.5	94	15.33	0.2
	2020/12/22 03:00	0.8	92	15.38	0.2
	2020/12/22 04:00	0.7	92	15.37	0.1

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/22 05:00	1	114	15.15	0.1
	2020/12/22 06:00	0.8	120	15.14	0.1
	2020/12/22 07:00	1.1	117	15.15	0.2
	2020/12/22 08:00	0.2	114	15.17	0.1
	2020/12/22 09:00	0.4	118	15.14	0.2
	2020/12/22 10:00	0.3	116	15.14	0.1
	2020/12/22 11:00	0.3	116	15.12	0.1
	2020/12/22 12:00	0.9	116	15.16	0.1
	2020/12/22 13:00	1.2	119	15.14	0.1
	2020/12/22 14:00	1.4	121	15.12	0.2
	2020/12/22 15:00	1.5	120	15.12	0.2
	2020/12/22 16:00	1.2	115	15.14	0.1
	2020/12/22 17:00	1.2	115	15.16	0.1
	2020/12/22 18:00	1.2	112	15.16	0.2
	2020/12/22 19:00	1.2	97	15.23	0.1
	2020/12/22 20:00	1.2	116	15.16	0.2
	2020/12/22 21:00	1.4	105	15.21	0.1
	2020/12/29 00:00	1.2	120	15.13	0.1
	2020/12/29 01:00	1.1	120	15.1	0.2
	2020/12/29 02:00	1	102	15.37	0.1
	2020/12/29 03:00	1.4	107	15.25	0.1
	2020/12/29 04:00	0.8	94	15.48	0.2
	2020/12/29 05:00	0.9	115	15.24	0.2
	2020/12/29 06:00	0.9	104	15.3	0.1
	2020/12/29 07:00	0.8	95	15.52	0.1
	2020/12/29 08:00	0.5	104	15.29	0.1
	2020/12/29 09:00	0.4	104	15.32	0.1
	2020/12/29 10:00	0.3	96	15.55	0.1
	2020/12/29 11:00	0.7	101	15.38	0.1
	2020/12/29 12:00	0.7	95	15.61	0.1
	2020/12/29 13:00	0.8	93	15.62	0.2
	2020/12/29 14:00	0.8	96	15.62	0.2
	2020/12/29 15:00	0.8	94	15.61	0.1
	2020/12/29 16:00	0.6	98	15.59	0.2
	2020/12/29 17:00	0.8	101	15.5	0.2
	2020/12/29 18:00	0.5	102	15.62	0.2
	2020/12/29 19:00	0.5	103	15.53	0.1
	2020/12/29 20:00	0.6	115	15.26	0.1
	2020/12/29 21:00	0.5	115	15.25	0.1
	2020/12/29 22:00	0.7	113	15.25	0.1
	2020/12/29 23:00	0.7	108	15.3	0.1
	2020/12/30 00:00	0.8	104	15.5	0.2
	2020/12/30 19:00	0.8	105	15.51	0.1
	2020/12/30 20:00	1.7	116	15.25	0.1
	2020/12/30 21:00	1.6	114	15.28	0.2

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/30 22:00	1	107	15.35	0.2
	2020/12/30 23:00	1	99	15.59	0.2
	2020/12/31 00:00	0.6	109	15.23	0.2
	2020/12/31 01:00	0.5	97	15.44	0.2
	2020/12/31 02:00	0.4	94	15.44	0.2
	2020/12/31 03:00	0.5	94	15.36	0.1
	2020/12/31 04:00	0.8	93	15.58	0.2
	2020/12/31 05:00	0.8	93	15.56	0.2
	2020/12/31 17:00	0.8	109	15.42	0.1
	2020/12/31 18:00	1.1	126	15.15	0.1
	2020/12/31 19:00	1.1	122	15.17	0.1
	2020/12/31 20:00	0.7	123	15.14	0.2
	2020/12/31 21:00	0.8	123	15.17	0.2
	2020/12/31 22:00	0.7	122	15.17	0.1
	2020/12/31 23:00	0.6	121	15.17	0.1
Unit 21					
	2020/12/09 12:00	1.5	122	15.3	0
	2020/12/09 13:00	1.5	125	15.41	0
	2020/12/09 14:00	1.6	128	15.46	0
	2020/12/09 15:00	1.6	130	15.49	0
	2020/12/09 16:00	0.9	122	15.35	0
	2020/12/09 17:00	1.1	122	15.35	0
	2020/12/09 18:00	1.1	122	15.34	0
	2020/12/09 19:00	1	122	15.34	0
	2020/12/09 20:00	1.4	131	15.33	0
	2020/12/09 21:00	1.4	132	15.32	0
	2020/12/09 22:00	1.9	134	15.33	0
	2020/12/09 23:00	2.1	134	15.33	0
	2020/12/10 00:00	1.7	128	15.3	0
	2020/12/10 09:00	1.7	140	15.36	0
	2020/12/10 10:00	1.4	120	15.6	0
	2020/12/10 11:00	1.4	117	15.64	0
	2020/12/10 12:00	1.2	116	15.49	0
	2020/12/10 13:00	1.2	109	15.61	0
	2020/12/10 14:00	1.2	112	15.55	0
	2020/12/10 15:00	1.1	119	15.48	0
	2020/12/10 16:00	1.6	117	15.48	0
	2020/12/10 17:00	1.8	128	15.4	0
	2020/12/10 18:00	1.6	100	15.66	0
	2020/12/10 19:00	1.5	101	15.64	0
	2020/12/10 20:00	1.7	114	15.57	0
	2020/12/10 21:00	1.8	126	15.41	0
	2020/12/10 22:00	1.9	136	15.36	0
	2020/12/10 23:00	2	130	15.4	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/11 00:00	1.9	133	15.31	0
	2020/12/11 01:00	1.9	132	15.35	0
	2020/12/11 02:00	1.6	134	15.35	0
	2020/12/11 05:00	1.5	121	15.39	0
	2020/12/11 06:00	1.4	109	15.51	0
	2020/12/11 07:00	1.4	113	15.47	0
	2020/12/11 08:00	1.1	111	15.46	0
	2020/12/11 09:00	1.3	123	15.38	0
	2020/12/11 10:00	1.4	131	15.35	0
	2020/12/11 11:00	1.2	132	15.36	0
	2020/12/11 12:00	1.2	140	15.36	0
	2020/12/11 13:00	1	141	15.36	0
	2020/12/11 14:00	1.2	141	15.34	0
	2020/12/11 15:00	1.2	142	15.34	0
	2020/12/11 16:00	1.5	132	15.37	0
	2020/12/11 17:00	1.6	117	15.42	0
	2020/12/11 18:00	1.6	97	15.66	0
	2020/12/11 19:00	1.3	94	15.72	0
	2020/12/11 20:00	1.2	98	15.67	0
	2020/12/11 21:00	1.4	105	15.44	0
	2020/12/11 22:00	1.4	101	15.48	0
	2020/12/11 23:00	1.2	102	15.5	0
	2020/12/12 00:00	1.5	115	15.4	0
	2020/12/12 01:00	1.7	125	15.35	0
	2020/12/12 02:00	1.5	107	15.47	0
	2020/12/12 03:00	1.4	118	15.39	0
	2020/12/12 04:00	1.7	114	15.49	0
	2020/12/12 05:00	1.6	126	15.41	0
	2020/12/12 06:00	1.8	124	15.39	0
	2020/12/12 07:00	1.7	98	15.72	0
	2020/12/12 08:00	1.3	107	15.65	0
	2020/12/12 09:00	1.5	113	15.57	0
	2020/12/12 10:00	1.5	110	15.72	0
	2020/12/14 17:00	7.3	139	15.44	0
	2020/12/14 18:00	8.1	146	15.4	0
	2020/12/14 19:00	8.3	141	15.41	0
	2020/12/14 20:00	2.2	128	15.36	0
	2020/12/14 21:00	1.7	134	15.31	0
	2020/12/14 22:00	1.4	115	15.49	0
	2020/12/14 23:00	1.4	100	15.62	0
	2020/12/15 00:00	1.2	103	15.64	0
	2020/12/15 16:00	0.9	138	15.34	0
	2020/12/15 17:00	1.2	140	15.33	0
	2020/12/15 18:00	1.1	139	15.31	0
	2020/12/15 19:00	1	139	15.29	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/15 20:00	1.2	138	15.3	0
	2020/12/15 21:00	1.4	139	15.29	0
	2020/12/16 18:00	1.5	124	15.63	0
	2020/12/16 19:00	1.4	112	15.7	0
	2020/12/16 20:00	1.8	108	15.64	0
	2020/12/16 21:00	2	134	15.38	0
	2020/12/16 22:00	1.9	143	15.28	0
	2020/12/16 23:00	1.8	138	15.32	0
	2020/12/17 00:00	1.9	137	15.35	0
	2020/12/17 01:00	1.7	106	15.69	0
	2020/12/17 14:00	1.7	106	15.81	0
	2020/12/17 15:00	2.2	143	15.46	0
	2020/12/17 16:00	1.4	129	15.37	0
	2020/12/17 17:00	1.7	130	15.33	0
	2020/12/17 18:00	1.8	130	15.32	0
	2020/12/17 19:00	1.8	112	15.39	0
	2020/12/17 20:00	1.7	124	15.35	0
	2020/12/17 21:00	1.8	125	15.33	0
	2020/12/18 14:00	1.5	124	15.54	0
	2020/12/18 15:00	2.1	137	15.42	0
	2020/12/18 16:00	2	138	15.35	0
	2020/12/18 17:00	1.9	138	15.35	0
	2020/12/18 18:00	2	138	15.33	0
	2020/12/18 19:00	1.7	121	15.46	0
	2020/12/18 20:00	1.5	133	15.33	0
	2020/12/18 21:00	1.7	133	15.33	0
	2020/12/18 22:00	1.5	110	15.49	0
	2020/12/19 11:00	0.6	104	15.66	0
	2020/12/19 12:00	1.2	106	15.56	0
	2020/12/19 13:00	1.3	106	15.58	0
	2020/12/19 14:00	1.1	101	15.58	0
	2020/12/19 15:00	1.4	104	15.52	0
	2020/12/19 16:00	1.3	114	15.4	0
	2020/12/19 17:00	1.4	115	15.41	0
	2020/12/19 18:00	1.4	107	15.4	0
	2020/12/19 19:00	1.2	105	15.5	0
	2020/12/19 20:00	1.4	101	15.58	0
	2020/12/21 12:00	1.5	127	15.27	0
	2020/12/21 13:00	1.2	126	15.29	0
	2020/12/21 14:00	1.5	126	15.28	0
	2020/12/21 15:00	1.5	127	15.26	0
	2020/12/21 16:00	1.5	123	15.32	0
	2020/12/21 17:00	1.7	105	15.5	0
	2020/12/21 18:00	1.7	126	15.31	0
	2020/12/21 19:00	1.5	121	15.34	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/21 20:00	1.3	118	15.42	0
	2020/12/21 21:00	1.3	124	15.35	0
	2020/12/21 22:00	1.1	99	15.57	0
	2020/12/21 23:00	1.2	113	15.46	0
	2020/12/22 00:00	1.9	98	15.7	0
	2020/12/22 01:00	2	96	15.73	0
	2020/12/22 02:00	2	111	15.48	0
	2020/12/22 03:00	2.2	105	15.55	0
	2020/12/22 04:00	1.1	100	15.41	0
	2020/12/22 05:00	1.2	119	15.33	0
	2020/12/22 06:00	1.2	125	15.3	0
	2020/12/22 07:00	1.4	122	15.31	0
	2020/12/22 08:00	2	128	15.34	0
	2020/12/22 09:00	1.9	131	15.33	0
	2020/12/22 10:00	1.6	129	15.33	0
	2020/12/22 11:00	1.5	129	15.34	0
	2020/12/22 12:00	1.1	129	15.36	0
	2020/12/22 13:00	0.9	130	15.33	0
	2020/12/22 14:00	1.2	131	15.33	0
	2020/12/22 15:00	1.3	130	15.32	0
	2020/12/22 16:00	1.2	124	15.32	0
	2020/12/22 17:00	1.3	124	15.33	0
	2020/12/22 18:00	1.3	124	15.33	0
	2020/12/22 19:00	1.5	105	15.36	0
	2020/12/22 20:00	2	128	15.36	0
	2020/12/22 21:00	2.1	113	15.42	0
	2020/12/29 00:00	1.9	115	15.34	0
	2020/12/29 01:00	2.1	118	15.3	0
	2020/12/29 02:00	2.1	109	15.45	0
	2020/12/29 03:00	2	110	15.37	0
	2020/12/29 04:00	1.6	113	15.45	0
	2020/12/29 05:00	1.6	131	15.31	0
	2020/12/29 06:00	1.7	116	15.39	0
	2020/12/29 07:00	1.5	103	15.53	0
	2020/12/29 08:00	1.5	113	15.39	0
	2020/12/29 09:00	1.4	115	15.42	0
	2020/12/29 10:00	1.2	101	15.56	0
	2020/12/29 11:00	1.2	109	15.47	0
	2020/12/29 12:00	1	95	15.67	0
	2020/12/29 13:00	1	92	15.69	0
	2020/12/29 14:00	1	95	15.65	0
	2020/12/29 15:00	0.9	94	15.68	0
	2020/12/29 16:00	1.5	107	15.56	0
	2020/12/29 17:00	1.6	112	15.53	0
	2020/12/29 18:00	1.6	127	15.42	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/29 19:00	1.5	113	15.55	0
	2020/12/29 20:00	1.1	122	15.37	0
	2020/12/29 21:00	1.1	125	15.36	0
	2020/12/29 22:00	1	123	15.35	0
	2020/12/29 23:00	0.8	114	15.41	0
	2020/12/30 00:00	1.2	102	15.66	0
	2020/12/30 19:00	1.8	107	15.67	0
	2020/12/30 20:00	1.8	126	15.36	0
	2020/12/30 21:00	1.7	119	15.38	0
	2020/12/30 22:00	1.8	112	15.43	0
	2020/12/30 23:00	1.7	99	15.65	0
	2020/12/31 00:00	1.7	125	15.34	0
	2020/12/31 01:00	1.6	112	15.44	0
	2020/12/31 02:00	1.5	109	15.5	0
	2020/12/31 03:00	1.7	116	15.39	0
	2020/12/31 04:00	1.8	98	15.7	0
	2020/12/31 05:00	1.9	103	15.66	0
	2020/12/31 17:00	1.1	122	15.49	0
	2020/12/31 18:00	1.3	137	15.38	0
	2020/12/31 19:00	1.4	134	15.36	0
	2020/12/31 20:00	1.8	136	15.29	0
	2020/12/31 21:00	1.8	134	15.28	0
	2020/12/31 22:00	1.7	133	15.28	0
	2020/12/31 23:00	1.7	131	15.29	0
	2021/01/01	1	134	15.27	0
Unit 22					
	2020/12/09 12:00	1	123	15.09	0
	2020/12/09 13:00	0	119	15.1	0
	2020/12/09 14:00	0	120	15.07	0
	2020/12/09 15:00	0	122	15.1	0
	2020/12/09 16:00	2	127	15.09	0
	2020/12/09 17:00	1.9	127	15.09	0
	2020/12/09 18:00	1.9	127	15.1	0
	2020/12/09 19:00	2	127	15.1	0
	2020/12/09 20:00	1.8	126	15.09	0
	2020/12/09 21:00	1.9	127	15.11	0
	2020/12/09 22:00	2.1	127	15.12	0
	2020/12/09 23:00	2	127	15.11	0
	2020/12/10 00:00	1.4	129	15.1	0
	2020/12/10 09:00	1.6	132	15.03	0
	2020/12/10 10:00	0.7	112	15.24	0
	2020/12/10 11:00	0.3	108	15.27	0
	2020/12/10 12:00	1.7	114	15.28	0
	2020/12/10 13:00	2	109	15.43	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/10 14:00	2.1	112	15.34	0
	2020/12/10 15:00	2.1	119	15.28	0
	2020/12/10 16:00	1.8	115	15.28	0
	2020/12/10 17:00	1.7	124	15.18	0
	2020/12/10 18:00	1.6	99	15.48	0
	2020/12/10 19:00	1.7	100	15.48	0
	2020/12/10 20:00	2.2	111	15.34	0
	2020/12/10 21:00	2.4	119	15.18	0
	2020/12/10 22:00	2.1	128	15.13	0
	2020/12/10 23:00	2.1	122	15.16	0
	2020/12/11 00:00	2	129	15.12	0
	2020/12/11 01:00	2.3	126	15.15	0
	2020/12/11 02:00	1.9	129	15.14	0
	2020/12/11 05:00	2.4	119	15.22	0
	2020/12/11 06:00	2.3	107	15.31	0
	2020/12/11 07:00	2.2	111	15.29	0
	2020/12/11 08:00	1.5	111	15.26	0
	2020/12/11 09:00	1.4	121	15.18	0
	2020/12/11 10:00	1.3	129	15.14	0
	2020/12/11 11:00	1.5	130	15.14	0
	2020/12/11 12:00	1.8	131	15.15	0
	2020/12/11 13:00	1.7	131	15.15	0
	2020/12/11 14:00	1.7	131	15.15	0
	2020/12/11 15:00	1.7	132	15.16	0
	2020/12/11 16:00	2.2	126	15.17	0
	2020/12/11 17:00	2.3	112	15.19	0
	2020/12/11 18:00	2.1	97	15.55	0
	2020/12/11 19:00	1.9	97	15.65	0
	2020/12/11 20:00	1.5	102	15.55	0
	2020/12/11 21:00	1.8	108	15.26	0
	2020/12/11 22:00	1.6	102	15.33	0
	2020/12/11 23:00	1.7	103	15.32	0
	2020/12/12 00:00	1.9	113	15.21	0
	2020/12/12 01:00	2	118	15.19	0
	2020/12/12 02:00	1.9	107	15.27	0
	2020/12/12 03:00	1.8	117	15.16	0
	2020/12/12 04:00	2	111	15.28	0
	2020/12/12 05:00	2	123	15.26	0
	2020/12/12 06:00	1.9	118	15.24	0
	2020/12/12 07:00	1.7	99	15.64	0
	2020/12/12 08:00	2.2	103	15.5	0
	2020/12/12 09:00	2	104	15.38	0
	2020/12/12 10:00	2.1	102	15.57	0
	2020/12/14 17:00	4.6	128	15.14	0
	2020/12/14 18:00	4.8	137	15.09	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/14 19:00	4.8	131	15.13	0
	2020/12/14 20:00	2.5	127	15.14	0
	2020/12/14 21:00	2.6	134	15.08	0
	2020/12/14 22:00	2	117	15.37	0
	2020/12/14 23:00	1.9	106	15.54	0
	2020/12/15 00:00	1.8	102	15.52	0
	2020/12/15 16:00	1.7	134	15.1	0
	2020/12/15 17:00	1	134	15.08	0
	2020/12/15 18:00	0.8	135	15.1	0
	2020/12/15 19:00	0.6	135	15.08	0
	2020/12/15 20:00	1.7	134	15.1	0
	2020/12/15 21:00	1.9	134	15.07	0
	2020/12/16 18:00	1.6	124	15.39	0
	2020/12/16 19:00	0	101	15.46	0
	2020/12/16 20:00	1.9	105	15.46	0
	2020/12/16 21:00	2	128	15.23	0
	2020/12/16 22:00	1.7	136	15.1	0
	2020/12/16 23:00	1.9	131	15.18	0
	2020/12/17 00:00	2.1	131	15.2	0
	2020/12/17 01:00	1.9	109	15.59	0
	2020/12/17 14:00	0.2	102	15.59	0
	2020/12/17 15:00	0	130	15.13	0
	2020/12/17 16:00	2.5	130	15.15	0
	2020/12/17 17:00	2.6	131	15.13	0
	2020/12/17 18:00	2.5	132	15.13	0
	2020/12/17 19:00	2.7	116	15.22	0
	2020/12/17 20:00	2	123	15.15	0
	2020/12/17 21:00	2.4	124	15.13	0
	2020/12/18 14:00	0.2	118	15.27	0
	2020/12/18 15:00	0.3	130	15.13	0
	2020/12/18 16:00	2.4	134	16.43	0
	2020/12/18 17:00	3.7	24	15	0
	2020/12/18 18:00	0	127	15	0
	2020/12/18 19:00	5.7	69	15	0
	2020/12/18 20:00	0	107	15	0
	2020/12/18 21:00	0	118	15	0
	2020/12/19 11:00	2	97	15	0
	2020/12/19 12:00	1.3	97	15	0
	2020/12/19 13:00	1	93	15	0
	2020/12/19 14:00	0.9	92	15	0
	2020/12/19 15:00	0.9	93	15	0
	2020/12/19 16:00	0.9	101	15	0
	2020/12/19 17:00	0.8	103	15	0
	2020/12/19 18:00	0.7	99	15	0
	2020/12/19 19:00	0.6	94	15	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/19 20:00	0.5	93	15	0
	2020/12/21 13:00	1.2	116	15	0
	2020/12/21 14:00	1.3	118	15	0
	2020/12/21 15:00	1.2	117	15	0
	2020/12/21 16:00	0.9	111	15	0
	2020/12/21 17:00	0.6	89	15	0
	2020/12/21 18:00	0.8	111	15	0
	2020/12/21 19:00	0.7	106	15	0
	2020/12/21 20:00	0.5	105	15	0
	2020/12/21 21:00	0.3	110	15	0
	2020/12/21 22:00	0.2	84	15	0
	2020/12/21 23:00	0.4	97	15	0
	2020/12/22 00:00	0.2	83	15	0
	2020/12/22 01:00	0.1	80	15	0
	2020/12/22 02:00	0.2	94	15	0
	2020/12/22 03:00	0.2	88	15	0
	2020/12/22 04:00	0.2	93	15	0
	2020/12/22 05:00	0.3	109	15	0
	2020/12/22 06:00	0.3	117	15	0
	2020/12/22 07:00	0.3	114	15	0
	2020/12/22 08:00	0.3	115	15	0
	2020/12/22 09:00	0.4	117	15	0
	2020/12/22 10:00	0.5	116	15	0
	2020/12/22 11:00	0.7	116	15	0
	2020/12/22 12:00	0.5	114	15	0
	2020/12/22 13:00	0.8	116	15	0
	2020/12/22 14:00	0.7	116	15	0
	2020/12/22 15:00	0.7	115	15	0
	2020/12/22 16:00	0.7	115	15	0
	2020/12/22 17:00	0.9	115	15	0
	2020/12/22 18:00	0.9	115	15	0
	2020/12/22 19:00	1	98	15	0
	2020/12/22 20:00	1	85	15	0
	2020/12/22 21:00	0.9	79	15	0
	2020/12/22 22:00	0.8	94	15	0
	2020/12/29 00:00	1.3	115	15.15	0
	2020/12/29 01:00	1.1	118	15.13	0
	2020/12/29 02:00	0.7	112	15.33	0
	2020/12/29 03:00	0.8	112	15.3	0
	2020/12/29 04:00	1.8	110	15.31	0
	2020/12/29 05:00	2.1	126	15.17	0
	2020/12/29 06:00	1.8	109	15.35	0
	2020/12/29 07:00	1.9	102	15.45	0
	2020/12/29 08:00	2	113	15.25	0
	2020/12/29 09:00	2.1	115	15.28	0

	Date & Time	CO (mg/Nm ³)	NOx (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2020/12/29 10:00	1.7	102	15.48	0
	2020/12/29 11:00	1.8	110	15.36	0
	2020/12/29 12:00	1.6	99	15.59	0
	2020/12/29 13:00	1.8	97	15.65	0
	2020/12/29 14:00	2.1	101	15.6	0
	2020/12/29 15:00	1.9	100	15.62	0
	2020/12/29 16:00	1.6	104	15.46	0
	2020/12/29 17:00	1.5	108	15.38	0
	2020/12/29 18:00	1.6	123	15.27	0
	2020/12/29 19:00	1.6	110	15.46	0
	2020/12/29 20:00	1.5	119	15.23	0
	2020/12/29 21:00	1.9	120	15.21	0
	2020/12/29 22:00	1.9	118	15.2	0
	2020/12/29 23:00	1.5	109	15.3	0
	2020/12/30 19:00	0	104	15.49	0
	2020/12/30 20:00	2.1	125	15.15	0
	2020/12/30 21:00	2.1	118	15.23	0
	2020/12/30 22:00	2	112	15.31	0
	2020/12/30 23:00	1.8	102	15.57	0
	2020/12/31 00:00	1.8	122	15.14	0
	2020/12/31 01:00	1.8	108	15.34	0
	2020/12/31 02:00	1.6	107	15.36	0
	2020/12/31 03:00	1.7	108	15.25	0
	2020/12/31 04:00	1.8	103	15.59	0
	2020/12/31 05:00	1.6	105	15.57	0
	2020/12/31 17:00	0.3	119	15.29	0
	2020/12/31 18:00	0	132	15.13	0
	2020/12/31 19:00	0	129	15.15	0
	2020/12/31 20:00	1.9	135	15.1	0
	2020/12/31 21:00	2	135	15.13	0
	2020/12/31 22:00	1.9	134	15.13	0
	2020/12/31 23:00	2.1	131	15.16	0
	2021/01/01 00:00	2	136	15.15	0

Table 3 b Total Emissions

CO Mass (kg)	NO _x Mass (kg)	PM Mass (kg)	SO ₂ Mass (kg)
3 175	84 474	0	265

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

Unit	Hours operating under normal operation	Test-run hours	Total
11	187	0	187
12	170	0	170
13	177	0	177
21	188	0	188
22	186	0	186
<i>Total</i>	908	0	908

Table 5 Continuous Emission Monitoring System (CEMS) availability

Associated Unit	Technology Type	Actual Utilisation (%) for the month of December
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 December 2020 in mg/Nm³

Associated Unit	NO _x	SO ₂
Unit 11	131.85	3.34
Unit 12	124.85	5.35
Unit 13	80.48	3.04
Unit 21	115.11	3.70
Unit 22	110.93	3.76

4. Comments on the performance

- All 5 units were available to generate power for the month of December 2020
- **Leak detection and Repair programme** – No leaks were reported during December 2020.

5. Load Factor: 20.78%

6. Complaints Register

Table 7. Complaints

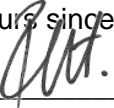
Source Code/ Name	Root Cause Analysis	Calculation of Impacts/ emissions associated with the incident	Dispersion modelling of pollutants where applicable	Measures implemented to prevent reoccurrence	Date by which measure will be implemented
<i>None</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A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

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 on 021 941 5856 for any related queries.

Yours sincerely



Pamela Mrubata

ANKERLIG POWER STATION