

Ian Gildenhuis
 Air Quality Management
 246 Voortrekker Road
 Vasco
 7460

Date:
 06 October 2022

Enquiries:
 021 573 6162

Ref: ANK/2022/09

Dear Ian

ANKERLIG POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF SEPTEMBER 2022

This serves as the monthly report required in terms of Section 9 in Ankerlig Power Station's Atmospheric Emission License (WCCT036). The emissions are for the month of September, 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 September 2022

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Total consumption in Month of September
	Fuel Diesel	Tons/hour/unit	40	54 012 127.81L
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted per unit (MW)	Total production/Power sent out in Month of September
	Energy	MWh	170 MW per hour per unit	170 640.84 MW/h
	Fuel use per hour per unit (L)		Fuel efficiency Litres per MWH	
	Unit 11: 35 914.34 Unit 12: 37 066.27 Unit 21: 36 319.14 Unit 22: 38 458.20 Unit 31: 34 653.85 Unit 32: 37 325.24 Unit 41: 34 267.96 Unit 42: 35 357.83 Unit 43: 37 530.92		Unit 11: 314.72 Unit 12: 319.94 Unit 21: 310.63 Unit 22: 313.30 Unit 31: 324.22 Unit 32: 322.73 Unit 41: 312.86 Unit 42: 317.03 Unit 43: 313.40	

2 Abatement Technology

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

Associated Unit	Technology Type	Actual Utilisation (%) for the month of September
Unit 11	Low NOx burners	100%
Unit 12	Low NOx burners	100%
*Unit 21	Low NOx burners	100%
Unit 22	Low NOx burners	100%
Unit 31	Low NOx burners	100%
Unit 32	Low NOx burners	100%
Unit 41	Low NOx burners	100%
Unit 42	Low NOx burners	100%
Unit 43	Low NOx burners	100%

Table 3: Tonnages and mg/Nm³ for the month of September

	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	75	3500
Unit 11	2022/09/28 20:00	9.3	156	0	82.6
	2022/09/23 10:00	7.2	127	0	79.6
	2022/09/23 09:00	7.2	171	0	73.3
	2022/09/23 08:00	7.9	164	0	73.5
	2022/09/17 21:00	7.2	159	0	65.2
	2022/09/17 20:00	7.8	158	0	65.8
	2022/09/16 22:00	6.9	149	0	63.5
	2022/09/16 21:00	7	149	0	63.5
	2022/09/16 20:00	7.1	150	0	63.4
	2022/09/16 19:00	7.3	149	0	63.6
	2022/09/16 18:00	7.5	148	0	63.3
	2022/09/16 17:00	7.5	148	0	63
	2022/09/16 16:00	7.5	148	0	63.2
	2022/09/16 15:00	7.6	122	0	66.6

	2022/09/16 14:00	7.3	151	0	62.8
	2022/09/16 13:00	7.3	151	0	62.7
	2022/09/16 12:00	7.1	148	0	62.5
	2022/09/16 11:00	7.1	130	0	65
	2022/09/16 10:00	7.1	121	0	66.3
	2022/09/16 09:00	7.4	149	0	62.8
	2022/09/16 08:00	7.4	150	0	62.6
	2022/09/16 07:00	7.3	150	0	62.3
	2022/09/16 06:00	7.3	147	0	62.5
	2022/09/16 05:00	7.2	147	0	62.4
	2022/09/16 03:00	7.2	150	0	62.2
	2022/09/16 02:00	7.1	145	0	62.5
	2022/09/16 01:00	7.1	152	0	61.7
	2022/09/16	7.1	142	0	62.9
	2022/09/15 23:00	7.2	133	0	64.3
	2022/09/15 22:00	7.3	104	0	67.2
	2022/09/15 21:00	7.6	108	0	66.9
	2022/09/15 20:00	7.6	147	0	60.6
	2022/09/15 19:00	7.7	152	0	60.5
	2022/09/15 18:00	7.8	154	0	60.6
	2022/09/15 17:00	8.7	154	0	61.2
	2022/09/15 09:00	6.9	120	0	64.2
	2022/09/15 08:00	6.9	155	0	60.1
	2022/09/15 07:00	7.2	161	0	60.4
	2022/09/15 06:00	7.8	156	0	60.6
	2022/09/13 23:00	6.3	155	0	58.5

	2022/09/13 22:00	6.5	155	0	58.1
	2022/09/13 21:00	6.5	153	0	57.8
	2022/09/13 20:00	6.8	153	0	57.7
	2022/09/13 19:00	7.7	152	0	57.9
	2022/09/13 11:00	5	124	0	60
	2022/09/13 10:00	5.3	146	0	57.6
	2022/09/13 09:00	5.2	153	0	56.7
	2022/09/13 08:00	5.6	153	0	57
	2022/09/13 07:00	7	154	0	57.7
	2022/09/12 21:00	5.2	153	0	55.7
	2022/09/12 20:00	5.1	155	0	55.4
	2022/09/12 19:00	5.6	157	0	55.6
	2022/09/10 12:00	5.9	126	0	55.2
	2022/09/10 11:00	6	131	0	54.8
	2022/09/10 10:00	6.2	144	0	53.4
	2022/09/10 09:00	7.2	150	0	53.4
	2022/09/09 20:00	6.9	151	0	52
	2022/09/09 19:00	7	152	0	51.5
	2022/09/09 18:00	6.9	152	0	51.5
	2022/09/09 17:00	6.5	152	0	51.7
	2022/09/09 16:00	6.3	127	0	54.2
	2022/09/09 15:00	6.2	102	0	56.4
	2022/09/09 14:00	6	103	0	56.2
	2022/09/09 13:00	5.9	102	0	56.1
	2022/09/09 12:00	5.8	115	0	54.8
	2022/09/09 11:00	5.8	105	0	56.7

	2022/09/09 10:00	5.9	129	0	53.9
	2022/09/09 09:00	5.8	151	0	50.9
	2022/09/09 08:00	5.7	153	0	51
	2022/09/09 07:00	6.3	153	0	51.3
	2022/09/08 23:00	5.7	145	0	50.4
	2022/09/08 22:00	5.7	147	0	49.9
	2022/09/08 21:00	5.9	150	0	50
	2022/09/08 20:00	6	153	0	49.8
	2022/09/08 19:00	6.5	152	0	49.7
	2022/09/05 20:00	4.2	147	0	45.4
	2022/09/05 19:00	4.5	157	0	45
Unit 12	2022/09/29 21:00	1.5	124	0	0.4
	2022/09/29 20:00	1.7	134	0	0.4
	2022/09/29 19:00	4.6	139	0	5.6
	2022/09/28 20:00	1.3	124	0	6
	2022/09/26 21:00	3.8	124	0	4.8
	2022/09/26 20:00	4.4	136	0	2.2
	2022/09/26 19:00	3.7	143	0	3.9
	2022/09/26 18:00	0.1	98	0	0.1
	2022/09/25 23:00	0.3	120	0	0.1
	2022/09/25 22:00	0.9	131	0	0.4
	2022/09/25 21:00	2.7	135	0	10.4
	2022/09/25 20:00	1.6	137	0	1.9
	2022/09/17 21:00	1.2	138	0	3.7

	2022/09/17 20:00	0.3	121	0	0.1
	2022/09/16 22:00	0.8	123	0	0.1
	2022/09/16 21:00	1.8	128	0	0.2
	2022/09/16 20:00	2.7	132	0	0.1
	2022/09/16 19:00	3.4	134	0	0.5
	2022/09/16 18:00	2.8	133	0	0.6
	2022/09/16 17:00	3.6	137	0	0.3
	2022/09/16 16:00	4	108	0	2.3
	2022/09/16 15:00	3	136	0	0.1
	2022/09/16 14:00	2.7	134	0	1.3
	2022/09/16 13:00	2.2	130	0	0.8
	2022/09/16 12:00	1.5	108	0	0.1
	2022/09/16 11:00	0.9	99	0	0.1
	2022/09/16 10:00	0.9	125	0	0.1
	2022/09/16 09:00	1.5	126	0	2.1
	2022/09/16 08:00	1.4	127	0	0.7
	2022/09/16 07:00	1.5	126	0	2.4
	2022/09/16 06:00	0.6	123	0	0.3
	2022/09/16 04:00	0.1	127	0	0.1
	2022/09/16 03:00	0.4	123	0	0.1
	2022/09/16 02:00	1.3	128	0	0.5
	2022/09/16 01:00	0.8	117	0	0.7
	2022/09/16	0.1	110	0	0.1
	2022/09/15 23:00	0.1	78	0	0.1
	2022/09/15 22:00	0.2	87	0	0.1
	2022/09/15 21:00	1.9	133	0	0.6

	2022/09/15 20:00	1.9	138	0	0.2
	2022/09/15 19:00	1.4	137	0	0.3
	2022/09/15 18:00	1.2	135	0	0.1
	2022/09/15 17:00	1.4	104	0	0.1
	2022/09/15 09:00	1.5	136	0	6.2
	2022/09/15 08:00	1	137	0	8.8
	2022/09/15 07:00	0.6	134	0	3.3
	2022/09/15 06:00	0.1	84	0	0.1
	2022/09/13 23:00	0.1	132	0	0.1
	2022/09/13 22:00	0.2	131	0	0.2
	2022/09/13 21:00	3.4	136	0	8.6
	2022/09/13 20:00	5.3	138	0	19.9
	2022/09/13 19:00	3.5	106	0	0.1
	2022/09/13 11:00	2.5	129	0	0.1
	2022/09/13 10:00	1.9	135	0	0.1
	2022/09/13 09:00	1.3	133	0	2.8
	2022/09/13 08:00	1.2	134	0	4
	2022/09/13 07:00	0.9	137	0	0.1
	2022/09/12 21:00	3.4	138	0	8.4
	2022/09/12 20:00	4.2	138	0	11.9
	2022/09/12 19:00	3.7	137	0	18.3
	2022/09/12 18:00	2.7	137	0	13.5
	2022/09/12 17:00	2.6	107	0	1
	2022/09/10 12:00	2.1	110	0	3.6
	2022/09/10 11:00	1	124	0	2.1
	2022/09/10 10:00	0.7	132	0	0.1

	2022/09/10 09:00	3.1	138	0	0.1
	2022/09/09 20:00	4.1	140	0	0.1
	2022/09/09 19:00	3.4	136	0	0.1
	2022/09/09 18:00	2.8	134	0	6
	2022/09/09 17:00	4.6	114	0	3.5
	2022/09/09 16:00	5.1	98	0	1.3
	2022/09/09 15:00	3.9	95	0	0.6
	2022/09/09 14:00	3	93	0	2.3
	2022/09/09 13:00	3.4	100	0	1.1
	2022/09/09 12:00	3.3	93	0	1.1
	2022/09/09 11:00	2.4	117	0	0.2
	2022/09/09 10:00	2.2	137	0	0.5
	2022/09/09 09:00	0.9	134	0	0.3
	2022/09/09 08:00	0.1	132	0	0.2
	2022/09/09 07:00	0.1	130	0	0.1
	2022/09/08 23:00	0.1	132	0	0.1
	2022/09/08 22:00	1	133	0	0.1
	2022/09/08 21:00	3.6	140	0	3.9
	2022/09/08 20:00	4.9	142	0	7.7
	2022/09/08 19:00	3.4	133	0	9.7
	2022/09/05 20:00	4.2	144	0	14.4
	2022/09/05 19:00	3.8	144	0	3.1
	2022/09/05 18:00	3.8	144	0	3.1
Unit 21	2022/09/29 21:00	3.4	138	0	0.5

	2022/09/29 20:00	1.9	134	0	0.2
	2022/09/29 19:00	1.8	134	0	0.1
	2022/09/28 20:00	1.6	129	0	0.1
	2022/09/26 21:00	2.4	135	0	0.2
	2022/09/26 20:00	1.6	141	0	0.4
	2022/09/26 19:00	3.3	142	0	0.1
	2022/09/26 12:00	3.4	138	0	0.1
	2022/09/26 11:00	3.9	144	0	0.2
	2022/09/26 10:00	1.9	131	0	0.7
	2022/09/25 09:00	1.9	122	0	0.5
	2022/09/23 11:00	1.7	150	0	0.4
	2022/09/23 10:00	1.3	145	0	0.4
	2022/09/23 09:00	4.2	151	0	0.6
	2022/09/23 08:00	2.1	141	0	0.4
	2022/09/23 07:00	2.1	139	0	0.6
	2022/09/20 21:00	3.6	139	0	2
	2022/09/20 20:00	3.1	141	0	1
	2022/09/20 19:00	3	141	0	0.6
	2022/09/20 18:00	1.5	143	0	0.1
	2022/09/20 17:00	2.9	147	0	0.7
	2022/09/18 20:00	1.9	144	0	1
	2022/09/18 19:00	1.8	138	0	0.7
	2022/09/17 22:00	2	142	0	0.4
	2022/09/17 20:00	2	145	0	0.6
	2022/09/17 19:00	2	143	0	0.4
	2022/09/17 18:00	2	112	0	0.6

	2022/09/17 17:00	1.9	140	0	0.2
	2022/09/17 16:00	1.8	142	0	0.2
	2022/09/17 15:00	1.8	141	0	0.2
	2022/09/17 13:00	1.8	140	0	0.3
	2022/09/17 12:00	1.9	139	0	0.3
	2022/09/17 11:00	1.9	137	0	0.2
	2022/09/17 10:00	2	137	0	0.5
	2022/09/17 09:00	3.6	137	0	0.1
	2022/09/17 08:00	3.6	138	0	0.1
	2022/09/17 07:00	4.2	144	0	1.3
	2022/09/17 06:00	1.9	137	0	0.6
	2022/09/17 05:00	1.8	135	0	0.5
	2022/09/16 23:00	1.7	135	0	0.5
	2022/09/16 22:00	1.8	135	0	0.5
	2022/09/16 21:00	2.4	139	0	1.2
	2022/09/16 20:00	2.2	140	0	1.2
	2022/09/16 19:00	1.9	141	0	1
	2022/09/16 18:00	1.9	142	0	1
	2022/09/16 17:00	1.1	115	0	0.1
	2022/09/16 16:00	1.3	138	0	0.1
	2022/09/16 15:00	1.3	138	0	0.1
	2022/09/16 14:00	1.4	137	0	0.1
	2022/09/16 13:00	1.5	120	0	0.2
	2022/09/16 12:00	1.6	115	0	0.3
	2022/09/16 11:00	1.8	134	0	0.3
	2022/09/16 10:00	2	136	0	0.4

	2022/09/16 09:00	1.5	136	0	0.1
	2022/09/16 08:00	1.5	134	0	0.1
	2022/09/16 07:00	1.5	134	0	0.2
	2022/09/16 06:00	1.9	136	0	0.4
	2022/09/16 04:00	1.7	132	0	0.4
	2022/09/16 03:00	1.8	135	0	0.3
	2022/09/16 02:00	1.7	131	0	0.3
	2022/09/16 01:00	2.3	122	0	0.6
	2022/09/16	2.5	104	0	0.6
	2022/09/15 23:00	2.3	103	0	0.5
	2022/09/15 22:00	2.1	136	0	0.8
	2022/09/15 21:00	3.5	143	0	1.6
	2022/09/15 20:00	3.1	143	0	0.8
	2022/09/15 19:00	3.2	140	0	0.6
	2022/09/15 18:00	1.4	112	0	0.1
	2022/09/15 17:00	1.5	138	0	0.1
	2022/09/15 09:00	4.3	144	0	0.1
	2022/09/15 08:00	4.2	140	0	0.1
	2022/09/15 07:00	4.1	141	0	0.1
	2022/09/15 06:00	2.2	110	0	0.2
	2022/09/15 05:00	2.2	139	0	0.2
	2022/09/13 23:00	2.3	136	0	0.3
	2022/09/13 22:00	2	136	0	0.6
	2022/09/13 21:00	2.7	136	0	2.3
	2022/09/13 20:00	2.3	137	0	1.3
	2022/09/13 19:00	1.4	129	0	0.1

	2022/09/13 18:00	1.6	135	0	0.1
	2022/09/13 10:00	1.6	135	0	0.1
	2022/09/13 09:00	4.2	140	0	0.1
	2022/09/13 08:00	1.4	145	0	1.7
	2022/09/13 07:00	1.4	143	0	1.2
	2022/09/12 21:00	1.9	140	0	0.1
	2022/09/12 20:00	1.7	141	0	0.1
	2022/09/12 19:00	1.7	143	0	0.1
	2022/09/12 18:00	1.7	143	0	0.1
	2022/09/12 17:00	2	126	0	1.9
	2022/09/12 16:00	2	122	0	0.9
	2022/09/10 13:00	2.2	123	0	0.1
	2022/09/10 12:00	2.2	132	0	0.1
	2022/09/10 11:00	2.2	136	0	0.1
	2022/09/10 10:00	2.3	139	0	0.6
	2022/09/10 09:00	2.3	140	0	0.2
	2022/09/10 08:00	2.3	141	0	0.2
	2022/09/09 23:00	2.2	141	0	0.3
	2022/09/09 22:00	2	140	0	0.3
	2022/09/09 21:00	1.5	139	0	0.4
	2022/09/09 20:00	1.2	138	0	0.3
	2022/09/09 19:00	1.2	138	0	0.2
	2022/09/09 18:00	1.5	122	0	0.4
	2022/09/09 17:00	1.3	108	0	0.3
	2022/09/09 16:00	1.3	109	0	0.2
	2022/09/09 15:00	1.5	109	0	0.4

	2022/09/09 14:00	1.6	130	0	0.4
	2022/09/09 13:00	1.5	139	0	0.1
	2022/09/09 12:00	1.6	136	0	0.1
	2022/09/09 11:00	1.8	137	0	0.1
	2022/09/09 10:00	1.9	137	0	0.1
	2022/09/09 09:00	3.1	141	0	0.3
	2022/09/09 08:00	3.1	142	0	1
	2022/09/09 07:00	1.7	108	0	0.5
	2022/09/09 06:00	1.6	138	0	0.1
	2022/09/09	1.7	138	0	0.1
	2022/09/08 23:00	1.6	137	0	0.1
	2022/09/08 22:00	1.6	137	0	0.1
	2022/09/08 21:00	2.7	139	0	1.5
	2022/09/08 20:00	3.7	136	0	0.5
	2022/09/08 19:00	3.7	136	0	0.6
	2022/09/07 23:00	3.5	135	0	0.5
	2022/09/07 22:00	3.9	139	0	0.1
	2022/09/07 21:00	1.3	135	0	0.4
	2022/09/06 07:00	2.8	144	0	0.1
	2022/09/05 20:00	3.4	138	0	0.5
	2022/09/05 19:00	1.9	134	0	0.2
Unit 22	2022/09/29 21:00	1.5	106	0.1	1.8
	2022/09/29 20:00	1.8	113	0.1	1.6
	2022/09/29 19:00	0.1	118	0.1	0.3
	2022/09/28 20:00	1.1	116	0.1	1.4

	2022/09/26 21:00	1.1	114	0.1	1.8
	2022/09/26 20:00	1.7	111	0.1	2.1
	2022/09/26 19:00	1.3	118	0.1	0.6
	2022/09/26 18:00	1.2	122	0.1	0.3
	2022/09/26 17:00	0.7	123	0.1	0.2
	2022/09/26 16:00	0.9	125	0.1	0.7
	2022/09/25 23:00	2	98	0.1	0.8
	2022/09/25 22:00	2.2	111	0.1	0.7
	2022/09/25 21:00	2.2	118	0.1	0.6
	2022/09/25 20:00	1.8	117	0.1	0.3
	2022/09/25 19:00	0.1	116	0.1	0.5
	2022/09/25 18:00	0.1	114	0.1	0.7
	2022/09/23 11:00	0.1	106	0.1	0.1
	2022/09/23 10:00	0.1	98	0.1	0.1
	2022/09/23 09:00	0.1	128	0.1	0.1
	2022/09/23 08:00	0.2	126	0.1	0.4
	2022/09/21 22:00	0.1	105	0.1	0.2
	2022/09/21 21:00	0.1	117	0.1	0.4
	2022/09/21 20:00	0.3	119	0.1	1.3
	2022/09/21 19:00	2.6	125	0.1	1.9
	2022/09/21 18:00	2.1	123	0.1	1.2
	2022/09/21 13:00	1.5	110	0.1	1
	2022/09/21 12:00	1.2	117	0.1	0.8
	2022/09/20 21:00	1.4	123	0.1	1
	2022/09/20 20:00	1.6	121	0.1	0.4
	2022/09/20 19:00	1.6	113	0.1	3.8

	2022/09/20 18:00	2.2	114	0.1	3.8
	2022/09/20 17:00	2.1	114	0.1	3.8
	2022/09/20 16:00	1.6	113	0.1	3.7
	2022/09/20 15:00	1.5	118	0.1	2
	2022/09/20 14:00	1.3	118	0.1	1.8
	2022/09/20 13:00	1.3	118	0.1	1.9
	2022/09/20 12:00	1.2	121	0.1	2.2
	2022/09/20 11:00	0.1	124	0.1	0.2
	2022/09/20 10:00	0.1	123	0.1	0.3
	2022/09/20 09:00	0.3	122	0.1	0.3
	2022/09/20 08:00	1.1	123	0.1	0.5
	2022/09/20 07:00	1	125	0.1	1
	2022/09/19 20:00	2.4	118	0.1	2.5
	2022/09/19 19:00	0.1	120	0.1	1.3
	2022/09/19 18:00	0.1	122	0.1	1.6
	2022/09/18 21:00	3.1	128	0.1	3.2
	2022/09/18 20:00	2.7	129	0.1	2.8
	2022/09/18 19:00	0.3	130	0.1	1.6
	2022/09/17 23:00	2	123	0.1	1.9
	2022/09/17 22:00	1.7	122	0.1	1.3
	2022/09/17 21:00	1.5	120	0.1	1.1
	2022/09/17 19:00	2	121	0.1	1.9
	2022/09/17 18:00	2	126	0.1	1.7
	2022/09/17 17:00	1.9	123	0.1	1.4
	2022/09/17 16:00	1.7	89	0.1	1.8
	2022/09/17 15:00	2	129	0.1	0.3

	2022/09/17 13:00	2.2	131	0.1	0.2
	2022/09/17 12:00	2.3	130	0.1	0.2
	2022/09/17 11:00	0.1	115	0.1	2.5
	2022/09/17 10:00	0.2	114	0.1	2.5
	2022/09/17 09:00	0.8	112	0.1	2.5
	2022/09/17 08:00	0.9	112	0.1	2.4
	2022/09/17 07:00	0.1	116	0.1	0.1
	2022/09/17 06:00	0.1	117	0.1	0.1
	2022/09/17 05:00	0.4	121	0.1	0.1
	2022/09/16 23:00	1.5	116	0.1	1.6
	2022/09/16 22:00	1.7	115	0.1	1.5
	2022/09/16 21:00	1.5	114	0.1	1.3
	2022/09/16 20:00	1.7	115	0.1	1.4
	2022/09/16 19:00	0.6	111	0.1	1.9
	2022/09/16 18:00	1.5	112	0.1	2.2
	2022/09/16 17:00	1.8	113	0.1	1.7
	2022/09/16 16:00	1.4	115	0.1	1.8
	2022/09/16 15:00	3.2	101	0.1	2.1
	2022/09/16 14:00	3	122	0.1	1.9
	2022/09/16 13:00	2.8	122	0.1	1.8
	2022/09/16 12:00	2.3	120	0.1	1.2
	2022/09/16 11:00	0.4	114	0.1	1.8
	2022/09/16 10:00	0.4	113	0.1	1.7
	2022/09/16 09:00	0.7	112	0.1	2
	2022/09/16 08:00	1.1	113	0.1	1.7
	2022/09/16 07:00	1.2	115	0.1	1.8

	2022/09/16 06:00	0.9	115	0.1	2.1
	2022/09/16 04:00	1.6	114	0.1	2
	2022/09/16 03:00	1.7	119	0.1	2.3
	2022/09/16 02:00	1.6	114	0.1	2.7
	2022/09/16 01:00	1.4	118	0.1	2.2
	2022/09/16	1.3	112	0.1	2.2
	2022/09/15 23:00	0.1	103	0.1	0.3
	2022/09/15 22:00	0.1	81	0.1	0.2
	2022/09/15 21:00	0.2	84	0.1	0.2
	2022/09/15 20:00	0.9	116	0.1	0.4
	2022/09/15 19:00	0.4	120	0.1	0.9
	2022/09/15 18:00	0.7	121	0.1	0.9
	2022/09/15 17:00	0.2	119	0.1	0.5
	2022/09/15 09:00	1.6	93	0.1	5.1
	2022/09/15 08:00	2.2	119	0.1	4.1
	2022/09/15 07:00	0.1	123	0.1	0.4
	2022/09/15 06:00	0.1	120	0.1	0.6
	2022/09/15 05:00	0.3	121	0.1	0.9
	2022/09/14 21:00	0.1	118	0.1	0.1
	2022/09/14 20:00	0.3	118	0.1	0.2
	2022/09/14 19:00	2.8	124	0.1	3.4
	2022/09/13 23:00	0.1	87	0.1	0.2
	2022/09/13 22:00	0.1	119	0.1	0.2
	2022/09/13 21:00	0.1	116	0.1	0.5
	2022/09/13 20:00	0.5	116	0.1	0.7
	2022/09/13 19:00	1.1	118	0.1	1.2

	2022/09/13 18:00	1.6	119	0.1	1.4
	2022/09/13 10:00	0.1	114	0.1	0.4
	2022/09/13 09:00	0.4	119	0.1	0.8
	2022/09/13 08:00	1.3	120	0.1	0.8
	2022/09/13 07:00	0.1	120	0.1	1.1
	2022/09/12 21:00	2.7	124	0.1	2.6
	2022/09/12 20:00	2.5	122	0.1	2.3
	2022/09/12 19:00	0.2	127	0.1	0.1
	2022/09/12 18:00	0.1	129	0.1	0.1
	2022/09/12 17:00	0.3	131	0.1	0.1
	2022/09/12 16:00	1.2	131	0.1	0.2
	2022/09/10 20:00	1.8	108	0.1	1.7
	2022/09/10 19:00	1	119	0.1	2.8
	2022/09/10 13:00	1.6	107	0.1	0.9
	2022/09/10 12:00	1.6	111	0.1	0.6
	2022/09/10 11:00	0.5	119	0.1	1.3
	2022/09/10 10:00	1.2	119	0.1	1.6
	2022/09/10 09:00	1.8	122	0.1	1.5
	2022/09/10 07:00	1.9	123	0.1	0.3
	2022/09/10 06:00	1.5	123	0.1	0.2
	2022/09/10 05:00	1.4	123	0.1	0.3
	2022/09/10 04:00	1.4	122	0.1	0.2
	2022/09/10 03:00	1.7	122	0.1	1.2
	2022/09/10 02:00	1.6	122	0.1	1.1
	2022/09/10 23:00	1.9	123	0.1	1
	2022/09/09 23:00	0.1	114	0.1	3.1

	2022/09/09 22:00	0.1	112	0.1	2.6
	2022/09/09 21:00	0.1	112	0.1	2.6
	2022/09/09 20:00	0.9	113	0.1	3.1
	2022/09/09 19:00	2.9	122	0.1	2.5
	2022/09/09 18:00	3.2	121	0.1	2.2
	2022/09/09 17:00	2.7	122	0.1	1.7
	2022/09/09 16:00	2	105	0.1	1.7
	2022/09/09 15:00	1.9	82	0.1	4.9
	2022/09/09 13:00	1.3	119	0.1	4.1
	2022/09/09 12:00	1.4	120	0.1	3.9
	2022/09/09 11:00	0.5	124	0.1	1.4
	2022/09/09 10:00	0.6	122	0.1	1.6
	2022/09/09 09:00	1.7	123	0.1	2
	2022/09/09 08:00	1.9	123	0.1	1.4
	2022/09/09 07:00	2.3	123	0.1	2
	2022/09/09 06:00	2.2	122	0.1	1.9
	2022/09/09 05:00	1.9	122	0.1	1.7
	2022/09/09 03:00	1.5	123	0.1	2.7
	2022/09/09 02:00	1.7	122	0.1	2.3
	2022/09/09 01:00	1.5	118	0.1	2.1
	2022/09/09	1.6	87	0.1	2.5
	2022/09/08 23:00	1.1	122	0.1	1
	2022/09/08 22:00	1.1	122	0.1	0.5
	2022/09/08 21:00	1	122	0.1	0.4
	2022/09/08 20:00	1.1	122	0.1	0.4
	2022/09/08 19:00	0.1	122	0.1	0.2

	2022/09/08 18:00	0.3	122	0.1	0.3
	2022/09/08 07:00	0.1	124	0.1	1.5
	2022/09/08 06:00	0.5	123	0.1	1.9
	2022/09/07 23:00	0.3	130	0.1	1.3
	2022/09/07 22:00	0.4	114	0.1	0.8
	2022/09/07 21:00	0.2	114	0.1	0.5
	2022/09/07 20:00	0.4	114	0.1	0.9
	2022/09/06 20:00	1.9	127	0.1	0.7
	2022/09/06 19:00	0.1	128	0.1	0.9
	2022/09/06 18:00	0.2	131	0.1	1.6
	2022/09/06 07:00	1.4	120	0.1	1.1
	2022/09/05 20:00	1	117	0.1	0.5
	2022/09/05 19:00	0.4	130	0.1	1.2
Unit 31	2022/09/25 23:00	1.3	105	0	0.3
	2022/09/25 22:00	1.6	149	0	0.3
	2022/09/25 21:00	1.5	149	0	0.3
	2022/09/25 20:00	1.6	150	0	0.5
	2022/09/23 09:00	3.2	124	0	1.8
	2022/09/23 08:00	2.4	121	0	0.3
	2022/09/17 21:00	2.4	127	0	1.3
	2022/09/17 20:00	2.8	124	0	1.6
	2022/09/16 10:00	2.2	114	0	1
	2022/09/16 09:00	2.7	107	0	1.5
	2022/09/16 08:00	2.7	109	0	1.6

	2022/09/16 07:00	2.7	110	0	2
	2022/09/16 06:00	2.6	121	0	1.8
	2022/09/16 05:00	2.7	114	0	2
	2022/09/16 04:00	3.3	123	0	2.5
	2022/09/16 03:00	4.3	122	0	3.3
	2022/09/16 02:00	3.3	125	0	1.5
	2022/09/16 01:00	3.4	131	0	1.6
	2022/09/16	3.5	119	0	2.2
	2022/09/15 23:00	4	134	0	2.7
	2022/09/15 22:00	4.1	119	0	2.9
	2022/09/15 21:00	3.8	121	0	2.1
	2022/09/15 20:00	3	128	0	1.4
	2022/09/15 19:00	1.3	121	0	1.1
	2022/09/15 18:00	1.3	119	0	0.9
	2022/09/15 17:00	1.9	121	0	1.6
	2022/09/15 08:00	0.3	113	0	0.3
	2022/09/15 07:00	0.5	143	0	0.4
	2022/09/15 06:00	0.9	156	0	0.7
	2022/09/13 23:00	0.8	157	0	0.2
	2022/09/13 22:00	1.1	157	0	0.2
	2022/09/13 21:00	0.9	153	0	0.2
	2022/09/13 20:00	1.2	154	0	0.2
	2022/09/13 19:00	2.6	142	0	0.5
	2022/09/13 18:00	2.7	120	0	0.5
	2022/09/13 17:00	2.6	126	0	0.3
	2022/09/13 16:00	2.4	136	0	0.3

	2022/09/13 15:00	2.9	130	0	0.8
	2022/09/13 14:00	2.7	129	0	0.7
	2022/09/13 13:00	2.5	99	0	0.8
	2022/09/13 12:00	2.3	113	0	0.7
	2022/09/13 11:00	0.9	117	0	0.6
	2022/09/13 10:00	1.4	117	0	0.8
	2022/09/13 09:00	1.8	112	0	0.9
	2022/09/13 08:00	3	125	0	1.7
	2022/09/13 07:00	1.6	149	0	0.2
	2022/09/12 21:00	1.6	153	0	0.3
	2022/09/12 20:00	1.2	148	0	0.2
	2022/09/12 19:00	1.7	129	0	0.5
	2022/09/12 18:00	2	122	0	0.7
	2022/09/12 17:00	2.3	138	0	0.9
	2022/09/10 12:00	1.6	121	0	0.5
	2022/09/10 11:00	0.3	119	0	0.5
	2022/09/10 10:00	0.4	122	0	0.7
	2022/09/10 09:00	1.4	111	0	1.9
	2022/09/09 20:00	2.2	119	0	0.6
	2022/09/09 19:00	2.8	133	0	1.2
	2022/09/09 18:00	2.7	141	0	0.7
	2022/09/09 17:00	2.6	126	0	0.6
	2022/09/09 16:00	2.5	97	0	0.8
	2022/09/09 15:00	2.3	94	0	0.4
	2022/09/09 14:00	2.2	95	0	0.3
	2022/09/09 13:00	2.1	93	0	0.3

	2022/09/09 12:00	2	126	0	0.2
	2022/09/09 11:00	0.5	95	0	0.2
	2022/09/09 10:00	0.8	110	0	0.2
	2022/09/09 09:00	1	116	0	0.2
	2022/09/09 08:00	0.7	122	0	0.4
	2022/09/09 07:00	1	127	0	0.5
	2022/09/09	3.2	100	0	2.9
	2022/09/08 23:00	1.6	129	0	0.2
	2022/09/08 22:00	1.7	116	0	0.3
	2022/09/08 21:00	1.4	125	0	0.2
	2022/09/08 20:00	1	125	0	0.2
	2022/09/08 19:00	1.3	153	0	0.3
	2022/09/05 20:00	7.9	65	0	3.2
	2022/09/05 19:00	7.9	116	0	1.5
Unit 32	2022/09/28 18:00	5.6	186	0	0.1
	2022/09/28 17:00	5.8	191	0	0.4
	2022/09/28 16:00	6.2	190	0	1.4
	2022/09/28 15:00	5.9	191	0	0.5
	2022/09/28 14:00	5.5	189	0	0.1
	2022/09/28 12:00	5.5	148	0	0.8
	2022/09/28 11:00	5.5	155	0	0.8
	2022/09/28 10:00	5.4	148	0	0.5
	2022/09/28 09:00	5.4	161	0	0.4
	2022/09/28 08:00	5.1	159	0	1.2
	2022/09/28 07:00	4.9	174	0	1.1
	2022/09/28 06:00	4.6	176	0	0.5
	2022/09/28 05:00	4.5	174	0	0.2
	2022/09/27 22:00	5.1	178	0	0.5
	2022/09/27 21:00	5	177	0	0.5
	2022/09/27 20:00	4.7	176	0	0
	2022/09/27 19:00	4.4	174	0	0
	2022/09/27 18:00	4.3	174	0	0
	2022/09/27 17:00	4.8	180	0	0.7
	2022/09/26 21:00	4.8	101	0	0.3
	2022/09/26 20:00	5.3	103	0	3.4
	2022/09/26 19:00	4.9	118	0	2.2

	2022/09/26 18:00	4.8	179	0	1.3
	2022/09/26 17:00	4.7	180	0	0.8
	2022/09/26 16:00	5	180	0	0.6
	2022/09/26 13:00	5.3	185	0	0.5
	2022/09/26 12:00	4.5	183	0	0
	2022/09/26 11:00	4.4	177	0	0
	2022/09/26 10:00	4.5	172	0	0
	2022/09/25 22:00	4.3	153	0	0.1
	2022/09/25 21:00	4.3	149	0	0.2
	2022/09/25 20:00	4.1	151	0	0
	2022/09/25 19:00	3.7	153	0	0
	2022/09/25 18:00	3.7	132	0	0
	2022/09/25 10:00	5.1	144	0	2
	2022/09/25 09:00	5.3	159	0	0.6
	2022/09/23 20:00	4.5	163	0	0
	2022/09/23 09:00	4.2	155	0	0.4
	2022/09/23 08:00	4.2	156	0	0.1
	2022/09/23 07:00	4.1	167	0	0
	2022/09/21 22:00	5.1	135	0	0.3
	2022/09/21 21:00	5.2	163	0	0.4
	2022/09/21 20:00	4.4	151	0	0
	2022/09/21 19:00	4.9	161	0	0
	2022/09/21 18:00	5	156	0	0
	2022/09/21 13:00	4.6	165	0	0.4
	2022/09/21 12:00	5.4	140	0	2.5
	2022/09/20 21:00	4.5	152	0	0.5
	2022/09/20 20:00	4.4	143	0	0
	2022/09/20 19:00	4.3	163	0	0
	2022/09/20 18:00	4.4	160	0	0.2
	2022/09/20 17:00	4.5	164	0	0.3
	2022/09/20 16:00	4.8	161	0	5.2
	2022/09/20 15:00	4.5	173	0	4.1
	2022/09/20 14:00	4.1	170	0	2.1
	2022/09/20 13:00	4.2	172	0	1.1
	2022/09/20 11:00	3.7	161	0	2.2
	2022/09/20 10:00	3.5	159	0	1.3
	2022/09/20 09:00	3.4	160	0	0.7
	2022/09/20 08:00	3.4	181	0	0
	2022/09/20 07:00	3.8	180	0	0
	2022/09/19 20:00	3	140	0	0
	2022/09/19 19:00	3	170	0	0
	2022/09/19 18:00	3.1	171	0	0
	2022/09/18 22:00	0	0	0	0
	2022/09/18 21:00	0	0	0	0
	2022/09/18 20:00	0.1	0	0	0
	2022/09/18 19:00	0	0	0	0
	2022/09/18 18:00	0.1	0	0	0
	2022/09/18 17:00	0.1	0	0	0.4
	2022/09/18 16:00	0.4	1	0	10.9
	2022/09/18 15:00	0.4	1	0	9.5
	2022/09/18 13:00	0.3	1	0	3.5

	2022/09/18 12:00	1	0	0	13.6
	2022/09/18 11:00	1.1	0	0	12.1
	2022/09/18 10:00	0.6	0	0	7.8
	2022/09/18 09:00	0.2	0	0	3.1
	2022/09/18 08:00	0	0	0	0
	2022/09/18 07:00	0.2	0	0	0
	2022/09/18 06:00	0.1	0	0	0
	2022/09/18 05:00	0.2	1	0	0
	2022/09/17 23:00	0.4	1	0	0.6
	2022/09/17 22:00	0.2	1	0	0
	2022/09/17 21:00	0.2	1	0	0
	2022/09/17 20:00	0.4	2	0	0.1
	2022/09/17 19:00	0.3	2	0	0
	2022/09/17 18:00	0.3	1	0	0.1
	2022/09/17 17:00	0.2	1	0	0.1
	2022/09/17 16:00	0.2	1	0	0
	2022/09/17 14:00	0.2	1	0	0
	2022/09/17 13:00	0.1	1	0	0
	2022/09/17 12:00	0	0	0	0
	2022/09/17 11:00	0	0	0	0
	2022/09/17 10:00	0	0	0	0
	2022/09/17 09:00	0	0	0	0.2
	2022/09/17 08:00	0.6	1	0	0
	2022/09/17 07:00	0.4	0	0	0
	2022/09/17 06:00	0.4	0	0	0
	2022/09/17 05:00	0.2	0	0	0
	2022/09/17	0	1	0	0
	2022/09/16 21:00	0	0	0	0
	2022/09/16 20:00	0	2	0	0
	2022/09/16 19:00	0	2	0	0
	2022/09/16 18:00	0	1	0	0
	2022/09/16 17:00	0	1	0	0.3
	2022/09/16 16:00	3.2	14	0	9.2
	2022/09/16 15:00	4	14	0	7.8
	2022/09/16 14:00	3.3	13	0	2.9
	2022/09/16 13:00	3.5	3	0	7
	2022/09/16 12:00	46.7	40	0	0
	2022/09/16 11:00	42.2	128	0	1.4
	2022/09/16 10:00	42.2	128	0	1.4
	2022/09/16 09:00	42.2	128	0	1.4
	2022/09/16 08:00	42.2	128	0	1.4
	2022/09/16 07:00	42.2	128	0	1.4
	2022/09/16 06:00	42.2	128	0	1.4
	2022/09/16 05:00	43	127	0	1.4
	2022/09/16 04:00	42.2	128	0	1.4
	2022/09/16 03:00	42.2	128	0	1.4
	2022/09/16 02:00	42.2	127	0	1.4
	2022/09/16 01:00	42.9	127	0	1.4
	2022/09/16	9.2	150	0	0.4
	2022/09/15 23:00	8.1	157	0	0.1
	2022/09/15 22:00	7.9	141	0	0.1

	2022/09/15 21:00	7.5	147	0	0.2
	2022/09/15 20:00	8.3	149	0	0
	2022/09/15 19:00	8.5	147	0	0
	2022/09/15 18:00	8.5	144	0	0.1
	2022/09/15 17:00	8.2	146	0	0.1
	2022/09/15 09:00	6.7	114	0	0.6
	2022/09/15 08:00	6.2	140	0	0.2
	2022/09/15 07:00	6.1	171	0	0.1
	2022/09/15 06:00	5.9	177	0	0
	2022/09/15 05:00	6.2	174	0	0.1
	2022/09/14 21:00	6.3	140	0	0.5
	2022/09/14 20:00	6.3	141	0	0
	2022/09/14 19:00	7	152	0	0
	2022/09/13 23:00	5.5	181	0	0
	2022/09/13 22:00	5.3	176	0	0
	2022/09/13 21:00	5.5	174	0	0
	2022/09/13 20:00	6	175	0	0
	2022/09/13 19:00	6.6	167	0	0
	2022/09/13 18:00	6.8	146	0	0
	2022/09/13 17:00	7.1	147	0	0
	2022/09/13 16:00	8.6	149	0	4.1
	2022/09/13 15:00	7	154	0	2.3
	2022/09/13 14:00	6.2	146	0	1
	2022/09/13 13:00	6.3	101	0	0.4
	2022/09/13 12:00	6.7	127	0	4.7
	2022/09/13 11:00	6.8	134	0	4.6
	2022/09/13 10:00	6.5	149	0	3.4
	2022/09/13 09:00	6.1	179	0	1.3
	2022/09/12 21:00	6.3	186	0	0.8
	2022/09/12 20:00	4.7	182	0	0
	2022/09/12 19:00	5.2	162	0	0
	2022/09/12 18:00	8.9	142	0	0
	2022/09/12 17:00	209.5	2	0	0.9
	2022/09/12 16:00	1.4	2	0	15.6
	2022/09/10 20:00	0.6	2	0	1.2
	2022/09/10 19:00	0.3	1	0	0
	2022/09/10 13:00	0.4	2	0	0.8
	2022/09/10 12:00	0.9	2	0	4.3
	2022/09/10 11:00	0.8	2	0	3.9
	2022/09/10 10:00	0.6	1	0	2
	2022/09/10 09:00	0.2	1	0	0
	2022/09/10 08:00	0	0	0	0
	2022/09/10 06:00	0	1	0	0
	2022/09/10 05:00	0.2	1	0	0
	2022/09/10 04:00	0.3	1	0	2.3
	2022/09/10 02:00	0.4	2	0	1.6
	2022/09/10 01:00	0.2	1	0	0
	2022/09/10	0.5	1	0	0
	2022/09/09 23:00	0.3	1	0	0
	2022/09/09 22:00	0.3	1	0	0
	2022/09/09 21:00	0.2	1	0	0

	2022/09/28 14:00	6.4	181	0	18.1
	2022/09/28 13:00	6	180	0.1	10.1
	2022/09/28 12:00	5.8	177	0	6.2
	2022/09/27 22:00	5.4	173	0.1	3.8
	2022/09/27 21:00	5.2	173	0.1	4.3
	2022/09/27 20:00	5.5	172	0.1	10.2
	2022/09/27 19:00	5.5	173	0.1	9.5
	2022/09/27 18:00	5.1	174	0	3.2
	2022/09/27 17:00	5.2	179	0	1.9
	2022/09/26 21:00	5.9	103	0.1	7.3
	2022/09/26 20:00	5.6	103	0.1	6.2
	2022/09/26 19:00	5.8	120	0.1	7.4
	2022/09/25 09:00	5.2	164	0.1	3
	2022/09/23 20:00	4.6	158	0.1	3.8
	2022/09/23 09:00	4.8	147	0.1	5.9
	2022/09/23 08:00	4.8	144	0.1	6.1
	2022/09/17 21:00	5.6	150	0.1	2
	2022/09/17 20:00	6	148	0.1	8.5
	2022/09/17 19:00	6.3	149	0	4.5
	2022/09/17 18:00	6.2	146	0.1	7
	2022/09/17 17:00	6.1	151	0	4.8
	2022/09/17 16:00	6.6	109	0.1	11.8
	2022/09/17 14:00	6.3	148	0.1	14.1
	2022/09/17 13:00	5.9	181	0	7
	2022/09/17 12:00	6.2	183	0.1	6.5
	2022/09/17 11:00	7.1	181	0	7.3

	2022/09/17 10:00	6.9	178	0.1	8
	2022/09/17 09:00	6.8	176	0	5.1
	2022/09/16 10:00	6.6	141	0	10.5
	2022/09/16 09:00	6.6	136	0.1	8.4
	2022/09/16 08:00	6.8	138	0.1	8.7
	2022/09/16 07:00	6.9	137	0.1	5.3
	2022/09/16 06:00	6.5	146	0	7.8
	2022/09/16 05:00	6.2	140	0	4.3
	2022/09/16 04:00	6.3	145	0	8.4
	2022/09/16 03:00	6.2	149	0.1	1
	2022/09/16 02:00	6.6	145	0.1	2.9
	2022/09/16 01:00	6.5	153	0.1	2.4
	2022/09/16	7.1	141	0.1	10.2
	2022/09/15 23:00	7.3	155	0	13.4
	2022/09/15 22:00	7.1	138	0.1	14.6
	2022/09/15 21:00	6.8	140	0.1	10.2
	2022/09/15 20:00	7.2	148	0.1	11.1
	2022/09/15 19:00	7.4	144	0.1	11
	2022/09/15 18:00	7.2	142	0.1	6
	2022/09/15 17:00	6.8	144	0	4.6
	2022/09/15 08:00	6.4	139	0.1	9.4
	2022/09/15 07:00	7	166	0	9.4
	2022/09/15 06:00	6.8	177	0.1	7.2
	2022/09/13 23:00	6.1	113	0.1	15.3
	2022/09/13 22:00	5.7	175	0	11.9
	2022/09/13 21:00	5.7	175	0.1	8.6

	2022/09/13 20:00	5.8	173	0	6.4
	2022/09/13 19:00	6	162	0	1.5
	2022/09/13 18:00	6	143	0.1	1.6
	2022/09/13 11:00	5.6	137	0.1	7.5
	2022/09/13 10:00	4.8	143	0.1	0.4
	2022/09/13 09:00	5.1	174	0	3.8
	2022/09/12 21:00	4.7	169	0.1	2.8
	2022/09/12 20:00	5.2	170	0.1	11.2
	2022/09/12 19:00	6.3	149	0	19.1
	2022/09/12 18:00	6	141	0.1	10.6
	2022/09/12 17:00	5.6	158	0	7.4
	2022/09/12 16:00	5.5	171	0.1	4.7
	2022/09/10 13:00	5.4	150	0	10.5
	2022/09/10 12:00	5.3	141	0.1	7.1
	2022/09/10 11:00	5.9	128	0.1	15
	2022/09/10 10:00	5.7	144	0.1	16.5
	2022/09/10 09:00	5.3	134	0.1	7.3
	2022/09/10 08:00	5.4	139	0.1	5.3
	2022/09/09 21:00	4.9	138	0	4
	2022/09/09 20:00	5	140	0.1	9.3
	2022/09/09 19:00	5.8	160	0	17.9
	2022/09/09 18:00	5.7	158	0.1	15.6
	2022/09/09 17:00	5.2	144	0.1	7.9
	2022/09/09 16:00	5.1	105	0	6.7
	2022/09/09 15:00	5.1	103	0.1	6.1
	2022/09/09 14:00	5.2	105	0	10

	2022/09/09 13:00	5	104	0.1	7.6
	2022/09/09 12:00	5.3	139	0.1	12.6
	2022/09/09 11:00	5.8	152	0	17.9
	2022/09/09 10:00	5.4	148	0	16.5
	2022/09/09 09:00	5	143	0.1	12.4
	2022/09/09 08:00	4.8	149	0.1	7.9
	2022/09/09 07:00	5.1	148	0	3.6
	2022/09/09 06:00	4.9	166	0.1	2.4
	2022/09/09	4.7	108	0.1	11.2
	2022/09/08 23:00	4.8	154	0.1	12.9
	2022/09/08 22:00	5.1	143	0.1	14.8
	2022/09/08 21:00	4.9	154	0.1	13.7
	2022/09/08 20:00	4.7	151	0	7.6
	2022/09/08 19:00	5	172	0	5.5
	2022/09/07 23:00	4	145	0	4.5
	2022/09/07 22:00	4	135	0.1	6.1
	2022/09/07 21:00	4.2	150	0.1	5.2
	2022/09/05 20:00	3.7	151	0.1	6.2
	2022/09/05 19:00	4	180	0	3.2
Unit 42	2022/09/28 18:00	4	173	0	1.4
	2022/09/28 16:00	3.4	184	0	0.9
	2022/09/28 15:00	2.1	182	0	0.5
	2022/09/28 14:00	2.2	179	0	0.5
	2022/09/28 12:00	2.3	129	0	0.6
	2022/09/28 11:00	2.9	140	0	0.6

	2022/09/28 10:00	3.5	134	0	1
	2022/09/28 09:00	3.5	144	0	0.6
	2022/09/28 08:00	3.4	143	0	0.6
	2022/09/28 07:00	1.6	135	0	0.7
	2022/09/28 06:00	1.2	168	0	0.6
	2022/09/28 05:00	1.6	167	0	0.7
	2022/09/26 12:00	3.7	179	0	1.7
	2022/09/26 11:00	1	171	0	0.7
	2022/09/26 10:00	2	167	0	1.5
	2022/09/25 10:00	2.3	131	0	0.7
	2022/09/25 09:00	2	156	0	0.5
	2022/09/23 20:00	3.6	153	0	1.7
	2022/09/23 09:00	4.1	134	0	0.6
	2022/09/23 08:00	3.6	128	0	0.6
	2022/09/23 07:00	2.3	160	0	2.2
	2022/09/21 23:00	2.8	113	0	1.2
	2022/09/21 22:00	1.3	123	0	0.5
	2022/09/21 21:00	1.9	131	0	0.6
	2022/09/21 20:00	1.7	128	0	0.5
	2022/09/21 19:00	1.7	142	0	1
	2022/09/21 18:00	2.8	157	0	1.4
	2022/09/20 21:00	1.7	135	0	0.5
	2022/09/20 20:00	1.3	120	0	0.5
	2022/09/20 19:00	1.7	153	0	0.5
	2022/09/20 18:00	1.8	149	0	0.5
	2022/09/20 17:00	1.8	137	0	0.5

	2022/09/20 16:00	2.3	164	0	0.5
	2022/09/18 21:00	4.1	145	0	1.2
	2022/09/18 20:00	3.2	124	0	0.5
	2022/09/18 19:00	3.6	172	0	1.9
	2022/09/17 22:00	3.3	138	0	0.8
	2022/09/17 21:00	3.9	140	0	1.4
	2022/09/17 20:00	3.8	133	0	1.4
	2022/09/17 19:00	2.9	132	0	1.2
	2022/09/17 18:00	2.7	126	0	1
	2022/09/17 17:00	2.7	139	0	0.8
	2022/09/17 16:00	2.5	114	0	0.9
	2022/09/17 14:00	2.9	137	0	0.6
	2022/09/17 13:00	3.2	135	0	0.8
	2022/09/17 12:00	3.2	127	0	0.7
	2022/09/17 11:00	2.7	132	0	0.7
	2022/09/17 10:00	2.7	135	0	0.7
	2022/09/17 09:00	3.2	125	0	0.8
	2022/09/17 08:00	3.6	127	0	1
	2022/09/17 07:00	1	122	0	0.8
	2022/09/17 06:00	2.8	129	0	2.2
	2022/09/17 05:00	2.9	168	0	1.5
	2022/09/16 23:00	1.5	122	0	0.6
	2022/09/16 21:00	1.6	123	0	0.5
	2022/09/16 20:00	1.6	122	0	0.6
	2022/09/16 19:00	3	138	0	0.9
	2022/09/16 18:00	2.9	133	0	0.7

	2022/09/16 17:00	3.1	173	0	0.6
	2022/09/16 16:00	3.1	148	0	0.8
	2022/09/16 15:00	4.4	132	0	1.4
	2022/09/16 14:00	4.2	124	0	1.1
	2022/09/16 13:00	4.4	143	0	1.4
	2022/09/16 12:00	4.2	128	0	1.4
	2022/09/16 11:00	3	133	0	1.1
	2022/09/16 10:00	2.9	130	0	1.1
	2022/09/16 09:00	2.9	119	0	1.1
	2022/09/16 08:00	3.4	121	0	1.6
	2022/09/16 07:00	2.8	117	0	0.8
	2022/09/16 06:00	3.4	132	0	1.4
	2022/09/16 05:00	3.5	123	0	1.3
	2022/09/16 04:00	3.7	130	0	1.6
	2022/09/16 03:00	1.4	141	0	0.5
	2022/09/16 02:00	2.2	141	0	0.6
	2022/09/16 01:00	2.2	143	0	0.6
	2022/09/16	1.4	130	0	0.5
	2022/09/15 23:00	3.1	140	0	1
	2022/09/15 22:00	3	122	0	0.9
	2022/09/15 21:00	3.1	125	0	0.8
	2022/09/15 20:00	3.5	131	0	0.9
	2022/09/15 19:00	2.2	128	0	0.9
	2022/09/15 18:00	2.4	127	0	0.9
	2022/09/15 17:00	2.5	131	0	0.7
	2022/09/15 08:00	2	124	0	0.5

	2022/09/15 07:00	1.3	166	0	1.3
	2022/09/15 06:00	1.8	173	0	1.4
	2022/09/15 05:00	2.5	170	0	1.3
	2022/09/13 23:00	2.6	122	0.1	1
	2022/09/13 22:00	2.6	177	0.1	0.7
	2022/09/13 21:00	3	176	0.1	0.7
	2022/09/13 20:00	3	175	0.1	0.7
	2022/09/13 19:00	2.7	155	0	0.8
	2022/09/13 18:00	2.7	133	0.1	0.7
	2022/09/13 11:00	3.4	128	0.1	0.8
	2022/09/13 10:00	3.7	136	0.1	0.8
	2022/09/13 09:00	3.7	121	0.1	1
	2022/09/13 18:00	2.8	140	0.1	0.5
	2022/09/13 11:00	2.2	168	0.1	1
	2022/09/13 10:00	3.6	173	0.1	0.7
	2022/09/13 09:00	3.7	170	0.1	1
	2022/09/13 08:00	1.2	132	0.1	0.5
	2022/09/13 07:00	1.4	124	0.1	0.5
	2022/09/12 21:00	1.2	145	0.1	0.5
	2022/09/12 20:00	1.8	151	0.1	0.5
	2022/09/12 19:00	2.7	118	0.1	0.5
	2022/09/12 18:00	3.6	143	0.1	3.8
	2022/09/12 17:00	3.4	133	0.1	0.6
	2022/09/12 16:00	3.4	141	0.1	0.7
	2022/09/10 20:00	2.2	119	0.1	0.6
	2022/09/10 19:00	2.4	128	0.1	0.7

	2022/09/10 13:00	1.9	117	0.1	0.5
	2022/09/10 12:00	2.3	125	0.1	0.5
	2022/09/10 11:00	2	144	0.1	1
	2022/09/10 10:00	1.6	115	0.1	0.8
	2022/09/10 09:00	1.7	122	0.1	0.8
	2022/09/10 08:00	1.9	128	0.1	0.8
	2022/09/09 23:00	3.4	155	0.1	0.7
	2022/09/09 22:00	3.2	151	0.1	0.5
	2022/09/09 21:00	3	146	0.1	0.6
	2022/09/09 20:00	2.8	112	0.1	0.6
	2022/09/09 19:00	3.2	112	0.1	0.9
	2022/09/09 18:00	3.3	136	0.1	0.9
	2022/09/09 17:00	3.4	146	0.1	1
	2022/09/09 16:00	3.4	139	0.1	1
	2022/09/09 15:00	0.9	138	0.1	0.5
	2022/09/09 14:00	0.9	127	0.1	0.5
	2022/09/09 13:00	1.5	121	0.1	0.6
	2022/09/09 12:00	1.7	129	0.1	0.7
	2022/09/09 11:00	1.7	132	0.1	0.9
	2022/09/09 10:00	2.4	155	0.1	1.6
	2022/09/09 09:00	3.2	142	0	1.2
	2022/09/09 08:00	3.2	121	0.1	1.2
	2022/09/09 07:00	3.2	137	0.1	0.9
	2022/09/09 06:00	3.3	146	0.1	0.9
	2022/09/08 23:00	2.4	133	0.1	1.5
	2022/09/08 22:00	2.3	122	0.1	1.6

	2022/09/08 21:00	3.4	146	0.1	2.4
	2022/09/08 20:00	2.5	161	0	0.5
	2022/09/07 23:00	3.6	172	0.1	2.1
	2022/09/07 22:00	0.9	156	0.1	1
	2022/09/07 21:00	4.1	148	0.1	1.7
	2022/09/06 20:00	3	181	0	1
	2022/09/06 19:00	4	173	0	1.4
	2022/09/06 07:00	3.4	184	0	0.9
	2022/09/05 20:00	2.1	182	0	0.5
	2022/09/05 19:00	2.2	179	0	0.5
Unit 43	2022/09/28 19:00	2.2	159	0	1.3
	2022/09/28 18:00	2.3	159	0	1.2
	2022/09/28 17:00	2.1	161	0	0.9
	2022/09/28 16:00	2.2	160	0	0.9
	2022/09/28 15:00	1	159	0	0.4
	2022/09/28 14:00	0.9	155	0	0.3
	2022/09/28 13:00	1.2	154	0	0.3
	2022/09/28 12:00	2.3	157	0	1.3
	2022/09/25 22:00	1.6	144	0	0.4
	2022/09/25 21:00	1.7	143	0	0.4
	2022/09/25 20:00	2.4	145	0	1.2
	2022/09/23 20:00	3.2	167	0	2.4
	2022/09/23 09:00	2.4	163	0	0.2
	2022/09/23 08:00	2.2	158	0	0.1

	2022/09/17 21:00	3.2	161	0	0.9
	2022/09/17 20:00	3.1	147	0	0.7
	2022/09/17 19:00	3.2	158	0	2
	2022/09/17 18:00	3	162	0	1.6
	2022/09/17 17:00	2.8	155	0	1.5
	2022/09/17 16:00	3	104	0	1.9
	2022/09/17 14:00	2.2	148	0	1
	2022/09/17 13:00	2.2	160	0	0.8
	2022/09/17 12:00	2.4	159	0	0.7
	2022/09/17 11:00	1.3	153	0	0.2
	2022/09/17 10:00	1.5	151	0	0.5
	2022/09/17 09:00	2.6	151	0	1.4
	2022/09/16 23:00	2	147	0	0.4
	2022/09/16 21:00	2	149	0	0.2
	2022/09/16 20:00	1.6	147	0	0.1
	2022/09/16 19:00	2.6	145	0	2.8
	2022/09/16 18:00	2.5	147	0	2.6
	2022/09/16 17:00	2.3	150	0	2.4
	2022/09/16 16:00	2.4	150	0	2.3
	2022/09/16 15:00	2.3	144	0	1.4
	2022/09/16 14:00	2.1	151	0	0.8
	2022/09/16 13:00	2.2	150	0	0.7
	2022/09/16 12:00	2.3	149	0	0.9
	2022/09/16 11:00	3.2	131	0	2.5
	2022/09/16 10:00	3.5	153	0	2.3
	2022/09/16 09:00	4	154	0	3.3

	2022/09/16 08:00	4.1	156	0	3.2
	2022/09/16 07:00	1.4	146	0	0.6
	2022/09/16 06:00	1.5	143	0	0
	2022/09/16 05:00	1.7	144	0	0
	2022/09/16 04:00	2	144	0	0
	2022/09/16 03:00	2.7	122	0	1.8
	2022/09/16 02:00	3.4	140	0	3.1
	2022/09/16 01:00	3.3	148	0	2.5
	2022/09/16	2.9	150	0	1.7
	2022/09/15 23:00	2	153	0	0.3
	2022/09/15 22:00	2	151	0	0.3
	2022/09/15 21:00	1.8	148	0	0.1
	2022/09/15 20:00	1.8	147	0	0.1
	2022/09/15 19:00	1.5	151	0	0.7
	2022/09/15 18:00	1.4	151	0	0.7
	2022/09/15 17:00	1.9	149	0	1.2
	2022/09/15 08:00	1.3	149	0	0.4
	2022/09/15 07:00	2.3	156	0	1
	2022/09/15 06:00	3	153	0	1.7
	2022/09/13 23:00	1.4	103	0	0.1
	2022/09/13 22:00	1.6	154	0	0.1
	2022/09/13 21:00	1.6	149	0	0
	2022/09/13 20:00	1.8	150	0	0.1
	2022/09/13 19:00	2.6	148	0	2
	2022/09/13 11:00	2.8	114	0	1.7
	2022/09/13 10:00	3.8	148	0	2.7

	2022/09/13 09:00	3.3	152	0	2
	2022/09/13 08:00	2.3	150	0	0.2
	2022/09/13 07:00	1.9	150	0	0.2
	2022/09/12 21:00	4.9	158	0	4.2
	2022/09/12 20:00	2.5	151	0	0.5
	2022/09/12 19:00	1.1	152	0	0.3
	2022/09/12 18:00	0.9	155	0	0.3
	2022/09/12 17:00	1.3	159	0	0.6
	2022/09/10 12:00	2.1	148	0	0
	2022/09/10 11:00	1.1	146	0	0.1
	2022/09/10 10:00	1.3	148	0	0.3
	2022/09/10 09:00	1.7	150	0	0.5
	2022/09/09 21:00	2.6	147	0	2.9
	2022/09/09 20:00	2.7	148	0	2.9
	2022/09/09 19:00	2.4	154	0	1.8
	2022/09/09 18:00	2.3	152	0	1.3
	2022/09/09 17:00	2.1	127	0	1.2
	2022/09/09 16:00	2.1	96	0	1.1
	2022/09/09 15:00	1.4	96	0	0.7
	2022/09/09 14:00	1.2	95	0	0.3
	2022/09/09 13:00	1.4	95	0	0.3
	2022/09/09 12:00	1.8	121	0	0.3
	2022/09/09 11:00	1.4	94	0	0.4
	2022/09/09 10:00	2.2	130	0	1.2
	2022/09/09 09:00	2.5	156	0	1.2
	2022/09/09 08:00	2.9	157	0	1.7

	2022/09/09 07:00	1.9	155	0	0.1
	2022/09/09 06:00	2.4	156	0	0.5
	2022/09/08 23:00	3.4	156	0	2.2
	2022/09/08 22:00	3.1	154	0	1.6
	2022/09/08 21:00	2	150	0	0.2
	2022/09/08 20:00	2.5	153	0	0.7
	2022/09/08 19:00	2.1	150	0	0.8
	2022/09/05 20:00	1	142	0	0
	2022/09/05 19:00	2.9	157	0	2.1
Total Emission mass (Tons)		15.447	173.706	0	8.335

COMMENT: All pollutants measured were within allowed limits and no non-conformances were registered for the month under review.

Table 4: Each unit and respective days operating under normal operation (Please note the units rarely run for the entire day)

Unit	Hours operating under normal operation	Test-run hours	Total
11	76	29	105
12	88	29	117
21	126	50	176
22	173	57	230
31	77	25	102
32	213	65	278
41	102	39	141
42	142	53	195
43	101	33	134
<i>Total</i>	1098	380	1478

3 Monitoring Equipment: Continuous Emission Monitoring System (CEMS) availability

Table 5

Associated Unit	Technology Type	Actual Utilisation (%) for the month of September
<i>Unit 11</i>	CEMS	100%
<i>Unit 12</i>	CEMS	100%
<i>Unit 21</i>	CEMS	100%
<i>Unit 22</i>	CEMS	100%
<i>Unit 31</i>	CEMS	100%
<i>Unit 32</i>	CEMS	100%

Unit 41	CEMS	100%
Unit 42	CEMS	100%
Unit 43	CEMS	100%

4 Monitoring Equipment Calibration

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.

5 Ambient Monitoring Station

The station has had the PM analyser installed and unfortunately due to weather related damages it had to be uninstalled. The analyser must still be repaired.

6 Load Factor: 17.86%

7 Leak Detection and Repair programme

No leaks were reported during September 2022

8 Complaints Register

Table 6. Complaints for the month of September 2022

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.

Trusting the above meets the reporting requirements specified within the stations' Atmospheric Emission License.

Do not hesitate to contact Maureen Dlulisa on 021 573 6162 for any related queries.

Yours sincerely



Pamela Mrubata

ANKERLIG POWER STATION