

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

Date:  
 09 February 2023

Enquiries:  
 021 573 6162

Ref: GOU/2023/01

Dear Dr Schoeman

### **GOURIKWA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF JANUARY 2022**

This serves as the monthly report required in terms of Section 9 in Gourikwa Power Station's Atmospheric Emission License (WCED013). The report addresses the period from 1-31 January 2023 and covers Particulate Matter, CO, SO<sub>2</sub> and NO<sub>x</sub> (as NO<sub>2</sub>) emissions.

#### **1. Raw Materials and Products**

Table 1: Quantity of Raw Materials and Products used/produced in Normal Operation

<b>Raw Materials and Products used</b>	<b>Raw Material Type</b>	<b>Unit</b>	<b>Maximum Permitted Consumption/ Rate (Quantity)</b>	<b>Total consumption for the Month in litres</b>
	Fuel Oil/diesel	Tons/hour/unit	40	62 690 192.64
<b>Production Rates</b>	<b>Product/ By-Product Name</b>	<b>Unit</b>	<b>Maximum Production Capacity Permitted (Quantity)</b>	<b>Total Production/Power sent out for the Month (MWh)</b>
	Energy	MWh/unit	170	204 406.27
	<b>Fuel use per hour per unit (L)</b>		<b>Fuel Efficiency: Litre per MWh</b>	
	Unit 11: 38 243.35 Unit 12: 36 712.91 Unit 13: 34 318.13 Unit 21: 37 109.27 Unit 22: 34 441.57		Unit 11:306.20 Unit 12:306.41 Unit 13:292.65 Unit 21:312.76 Unit 22:315.66	

## 2. Abatement Technology

Table 2: Abatement Equipment Control Technology utilisation for the month January

Associated Unit/Stack	Technology Type	Actual Utilisation (%) for the month
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/N m <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )	PM (mg/Nm <sup>3</sup> )	SO <sub>2</sub> (mg/Nm <sup>3</sup> )
<b>Hourly Licence Limit mg/Nm<sup>3</sup></b>			<b>250</b>	<b>50</b>	<b>500</b>
<b>Unit 11</b>	2023/01/04 12:00	0.6	127	0.1	0.9
	2023/01/04 13:00	0.8	130	0.1	1.3
	2023/01/04 14:00	1	136	0.1	2
	2023/01/04 15:00	1	138	0.1	2.4
	2023/01/04 16:00	1	145	0.1	0.2
	2023/01/04 17:00	0.9	148	0.1	0.3
	2023/01/04 18:00	1.1	147	0.1	0.8
	2023/01/04 19:00	1	139	0.1	0.3
	2023/01/04 20:00	0.8	135	0.1	0.2
	2023/01/04 22:00	0.7	133	0.1	0.1
	2023/01/04 23:00	0.7	133	0.2	0.3
	2023/01/05 19:00	1.1	132	0.1	0.2
	2023/01/05 20:00	1.1	135	0.1	0.2
	2023/01/05 21:00	0.9	137	0.1	0.1
	2023/01/05 22:00	1.2	136	0.1	0.7
	2023/01/05 23:00	1.1	134	0.1	0.9
	2023/01/06	0.7	128	0.1	0.1
	2023/01/06 01:00	0.5	126	0.1	0.1
	2023/01/06 10:00	2.1	143	0.1	3.9
	2023/01/06 11:00	2.8	147	0.1	7.9
	2023/01/06 12:00	0.9	142	0.1	0.9
	2023/01/06 13:00	1	127	0.1	2.1

	2023/01/06 14:00	1.2	128	0.2	2.5
	2023/01/06 15:00	1	128	0.2	2.2
	2023/01/06 16:00	0.6	124	0.1	0.2
	2023/01/06 17:00	0.5	123	0.2	0.1
	2023/01/06 18:00	0.6	121	0.1	0.2
	2023/01/06 19:00	0.5	119	0.1	0.4
	2023/01/06 21:00	0.9	125	0.1	1.1
	2023/01/06 22:00	0.9	125	0.1	0.8
	2023/01/09 16:00	1	136	0.1	0.2
	2023/01/09 17:00	1	136	0.1	0.2
	2023/01/09 18:00	1	136	0.1	0.3
	2023/01/09 19:00	1	135	0.1	0.2
	2023/01/09 20:00	1.1	129	0.1	0.1
	2023/01/09 21:00	1	127	0.1	0.2
	2023/01/09 22:00	0.9	127	0.1	0.2
	2023/01/09 23:00	0.9	129	0.1	0.1
	2023/01/10	1.1	133	0.1	0.1
	2023/01/10 01:00	1.2	133	0.1	0.1
	2023/01/10 03:00	1	101	0.1	0.2
	2023/01/10 04:00	0.5	95	0.1	0.2
	2023/01/10 05:00	0.6	124	0.1	0.2
	2023/01/10 06:00	0.6	127	0.1	0.3
	2023/01/10 14:00	1.5	136	0.2	0.6
	2023/01/10 15:00	1.4	136	0.3	0.3
	2023/01/10 16:00	0.7	134	0.1	0.1
	2023/01/10 17:00	0.6	134	0.1	0
	2023/01/10 18:00	0.5	133	0.1	0
	2023/01/10 19:00	0.5	128	0.1	0.1
	2023/01/10 20:00	1.2	124	0.1	0.3
	2023/01/10 21:00	1.2	125	0.1	0.6
	2023/01/10 22:00	1.2	121	0.1	0.2
	2023/01/10 23:00	1.6	129	0.1	0.1
	2023/01/11 01:00	1.3	133	0.1	0
	2023/01/11 02:00	1.2	117	0.1	0
	2023/01/11 03:00	0.9	123	0.1	0.1
	2023/01/11 05:00	1.1	132	0.1	0.1
	2023/01/11 06:00	1	133	0.1	0.2
	2023/01/11 07:00	0.9	132	0.1	0.2
	2023/01/11 09:00	0.8	126	0.1	0.7

	2023/01/11 10:00	1	127	0.1	1.2
	2023/01/11 12:00	0.9	135	0.1	0.7
	2023/01/11 13:00	1.2	137	0.1	1.5
	2023/01/11 14:00	1.4	137	0.1	2.3
	2023/01/11 15:00	1.3	136	0.1	1.9
	2023/01/11 18:00	1.1	139	0.1	0
	2023/01/11 19:00	1.1	135	0.1	0.4
	2023/01/11 20:00	0.8	133	0.1	0.2
	2023/01/11 21:00	0.9	131	0.1	0.2
	2023/01/11 22:00	1	130	0.1	0.2
	2023/01/11 23:00	1.3	129	0.1	0.4
	2023/01/12 01:00	1.3	124	0.1	1.3
	2023/01/12 02:00	1.2	126	0.1	1.4
	2023/01/12 03:00	1.2	125	0.1	1.3
	2023/01/12 04:00	0.8	124	0.1	1.1
	2023/01/12 06:00	0.9	106	0.1	0.5
	2023/01/12 07:00	0.9	107	0.1	0.3
	2023/01/12 08:00	1.3	109	0.1	0.2
	2023/01/16 01:00	1	134	0.1	0.4
	2023/01/16 02:00	0.9	126	0.1	0.6
	2023/01/16 15:00	2.3	142	0.3	0.7
	2023/01/16 16:00	0.8	134	0.1	1
	2023/01/16 17:00	0.9	113	0.1	0.9
	2023/01/16 18:00	0.7	111	0.1	0.5
	2023/01/16 19:00	0.7	110	0.1	0.1
	2023/01/16 20:00	1.4	123	0.1	0.1
	2023/01/16 21:00	1.4	135	0.1	0.1
	2023/01/16 22:00	1.4	136	0.1	0.1
	2023/01/16 23:00	1.2	135	0.1	0.2
	2023/01/17	0.8	132	0.1	0.4
	2023/01/17 07:00	1.1	132	0.1	0.4
	2023/01/17 08:00	1.2	129	0.1	2.2
	2023/01/17 09:00	1.2	127	0.1	2.5
	2023/01/17 10:00	1.3	128	0.1	3
	2023/01/17 11:00	1.5	127	0.1	3.5
	2023/01/17 12:00	0.9	129	0.1	0.2
	2023/01/17 13:00	1.2	129	0.1	0.2
	2023/01/17 14:00	1	129	0.1	0.2
	2023/01/17 15:00	1	129	0.1	0.2

	2023/01/17 17:00	0.8	129	0.1	0.1
	2023/01/17 18:00	1.1	130	0.1	0.2
	2023/01/17 19:00	1	129	0.1	0.6
	2023/01/17 21:00	0.8	128	0.1	0.9
	2023/01/17 22:00	0.8	128	0.1	1
	2023/01/17 23:00	0.9	128	0.1	1.2
	2023/01/18 08:00	1.1	131	0.1	0.8
	2023/01/18 09:00	1.1	111	0.1	1
	2023/01/18 17:00	1.4	131	0.1	0.5
	2023/01/18 18:00	1.1	127	0.1	0.6
	2023/01/18 19:00	1.1	125	0.1	0.8
	2023/01/18 20:00	1	124	0.1	0.3
	2023/01/18 21:00	0.9	127	0.1	0.2
	2023/01/18 22:00	0.9	125	0.1	0.2
	2023/01/18 23:00	0.9	123	0.1	0.2
	2023/01/19	1.2	125	0.1	0.2
	2023/01/19 01:00	1.2	125	0.1	0.1
	2023/01/19 02:00	1.2	123	0.1	0.1
	2023/01/19 04:00	1	128	0.1	1.6
	2023/01/19 05:00	1	127	0.1	1.9
	2023/01/19 06:00	1.1	128	0.1	1.9
	2023/01/19 08:00	0.9	136	0.1	0.4
	2023/01/19 09:00	1.2	141	0.1	1.4
	2023/01/19 10:00	1.5	143	0.1	1.7
	2023/01/19 11:00	1.3	143	0.1	1.6
	2023/01/19 13:00	0.5	136	0.1	0.7
	2023/01/19 14:00	0.5	135	0.1	0.6
	2023/01/19 16:00	1.4	146	0.1	0.3
	2023/01/19 17:00	1.3	122	0.1	0.2
	2023/01/19 18:00	1.3	138	0.1	0.2
	2023/01/19 19:00	1.5	129	0.1	0.3
	2023/01/19 21:00	1.5	139	0.1	0.2
	2023/01/19 22:00	1.3	142	0.1	0.6
	2023/01/19 23:00	1.2	142	0.1	0.3
	2023/01/20 01:00	1.1	139	0.1	0.9
	2023/01/20 02:00	1.2	140	0.1	1
	2023/01/20 03:00	1.1	119	0.1	0.9
	2023/01/20 04:00	0.9	145	0.1	0.2
	2023/01/20 06:00	1.1	146	0.1	0.2

	2023/01/20 07:00	1.1	146	0.1	0.2
	2023/01/20 08:00	1	144	0.1	0.8
	2023/01/20 10:00	1.7	151	0.1	4.7
	2023/01/20 11:00	1.7	151	0.1	5.1
	2023/01/20 12:00	0.9	142	0.1	0.3
	2023/01/20 14:00	0.8	143	0.2	0.1
	2023/01/20 15:00	0.7	141	0.5	0.1
	2023/01/20 16:00	0.9	143	0.1	0.2
	2023/01/20 18:00	0.8	137	0.1	0.1
	2023/01/20 19:00	0.9	137	0.1	1.6
	2023/01/20 20:00	1	135	0.1	2.2
	2023/01/20 21:00	0.9	135	0.1	1.8
	2023/01/20 22:00	1	133	0.1	2.2
	2023/01/21 01:00	1.2	140	0.1	0.3
	2023/01/21 02:00	1.3	140	0.1	0.6
	2023/01/21 03:00	1.2	140	0.1	0.4
	2023/01/21 05:00	0.8	137	0.1	0.8
	2023/01/21 06:00	1.1	137	0.1	1.2
	2023/01/21 07:00	1.1	138	0.1	1.3
	2023/01/21 09:00	1.6	142	0.1	0.3
	2023/01/21 10:00	1.5	141	0.2	0.2
	2023/01/21 11:00	1.4	141	0.1	0.5
	2023/01/21 13:00	1	137	0.1	0.3
	2023/01/21 14:00	1.2	138	0.2	1.1
	2023/01/21 15:00	1.3	137	0.4	1.4
	2023/01/21 16:00	1.4	133	0.1	1.1
	2023/01/21 18:00	1	135	0.1	0.3
	2023/01/21 19:00	1.1	137	0.1	0.4
	2023/01/21 21:00	0.8	135	0.1	1.2
	2023/01/21 22:00	0.7	135	0.1	0.9
	2023/01/21 23:00	0.7	133	0.1	0.4
	2023/01/22	1	116	0.1	1.3
	2023/01/22 16:00	1.6	147	0.1	0.8
	2023/01/22 17:00	1.7	147	0.1	1.2
	2023/01/22 18:00	1.7	148	0.1	1.5
	2023/01/22 19:00	1.6	147	0.1	1.9
	2023/01/22 20:00	0.7	149	0.1	0
	2023/01/22 21:00	0.9	149	0.1	0
	2023/01/22 22:00	0.9	149	0.1	0

	2023/01/22 23:00	1.1	147	0.1	0.3
	2023/01/23	1.1	146	0.1	0.1
	2023/01/23 02:00	1.2	141	0.1	0.1
	2023/01/23 03:00	1	137	0.1	0.2
	2023/01/23 04:00	0.3	138	0.1	0.1
	2023/01/23 05:00	0.4	146	0.1	0.1
	2023/01/23 07:00	0.6	140	0.1	0.2
	2023/01/23 08:00	1.1	135	0.1	1
	2023/01/23 09:00	1.4	139	0.1	2.3
	2023/01/23 11:00	1.6	141	0.2	5.1
	2023/01/23 12:00	0.8	140	0.1	0.5
	2023/01/23 13:00	1.1	142	0.1	0.8
	2023/01/23 14:00	1.3	144	0.2	1.2
	2023/01/23 17:00	1.3	115	0.1	0.1
	2023/01/23 18:00	1.1	123	0.1	0
	2023/01/23 21:00	1.5	141	0.1	0.8
	2023/01/23 22:00	1.2	137	0.1	0.2
	2023/01/24 07:00	1.4	148	0.1	0.6
	2023/01/24 08:00	1.2	149	0.1	0.8
	2023/01/24 09:00	1	156	0.1	2
	2023/01/24 10:00	1.6	160	0.1	4.6
	2023/01/24 11:00	1.6	163	0.1	5.7
	2023/01/24 12:00	1.3	152	0.1	0.2
	2023/01/24 13:00	1.3	147	0.1	0.1
	2023/01/24 14:00	1.3	148	0.1	0.1
	2023/01/24 16:00	0.8	128	0.1	0.1
	2023/01/24 17:00	0.9	149	0.1	0.1
	2023/01/24 18:00	0.9	148	0.1	0.2
	2023/01/24 21:00	1.1	147	0.1	0.1
	2023/01/24 22:00	1.3	149	0.1	0.2
	2023/01/25 01:00	1.2	143	0.1	0.6
	2023/01/25 02:00	1.1	142	0.1	0.7
	2023/01/25 04:00	1.3	148	0.1	0.2
	2023/01/25 05:00	1.3	146	0.1	0.2
	2023/01/25 06:00	1.4	146	0.1	0.1
	2023/01/25 08:00	1.5	142	0.1	0.3
	2023/01/25 09:00	1.4	145	0.1	0.3
	2023/01/25 10:00	1.2	144	0.1	1
	2023/01/25 11:00	1.6	144	0.1	2.2

	2023/01/25 13:00	0.6	143	0.1	0.8
	2023/01/25 14:00	0.8	148	0.3	1
	2023/01/25 15:00	0.8	144	0.4	0.7
	2023/01/25 17:00	0.9	143	0.1	0.3
	2023/01/25 18:00	0.9	141	0.1	0.1
	2023/01/25 19:00	0.7	140	0.1	0.7
	2023/01/25 20:00	1	137	0.1	1.5
	2023/01/25 22:00	0.7	129	0.1	1
	2023/01/27 07:00	1.3	134	0.1	0.1
	2023/01/27 08:00	1.2	135	0.1	0.4
	2023/01/27 09:00	1.6	139	0.1	2.1
	2023/01/27 18:00	1.4	129	0.1	0
	2023/01/27 19:00	1.2	127	0.1	0.1
	2023/01/27 20:00	1.1	130	0.1	0.2
	2023/01/27 21:00	1.2	129	0.1	0.1
	2023/01/27 22:00	1.2	129	0.1	0.2
	2023/01/27 23:00	1.1	128	0.1	0.2
	2023/01/28	1.6	127	0.1	0.3
	2023/01/28 01:00	1.6	127	0.1	0.8
	2023/01/28 03:00	1.6	127	0.1	0.8
	2023/01/28 04:00	1.2	129	0.1	0.2
	2023/01/28 05:00	1.2	128	0.1	0.2
	2023/01/28 07:00	1.3	130	0.1	0.2
	2023/01/28 08:00	1.4	138	0.1	0.3
	2023/01/28 09:00	1.3	141	0.1	1.3
	2023/01/28 11:00	1.9	128	0.1	4.2
	2023/01/28 20:00	1.4	131	0.1	1.4
	2023/01/28 21:00	1.6	133	0.1	2.1
	2023/01/28 22:00	2.1	115	0.1	3.7
	2023/01/29 09:00	1.8	142	0.1	0.5
	2023/01/29 10:00	2.2	154	0.1	3.9
	2023/01/29 11:00	2.6	156	0.1	7.1
	2023/01/29 12:00	1.4	160	0.1	0
	2023/01/29 13:00	1.5	155	0.1	0
	2023/01/29 14:00	1.4	150	0.3	0
	2023/01/29 15:00	1.4	156	0.5	0.2
	2023/01/30 07:00	1.4	140	0.1	0.9
	2023/01/30 08:00	1.1	127	0.1	1.4
	2023/01/30 09:00	1.7	127	0.1	4.3



	2023/01/30 10:00	2	136	0.1	6
	2023/01/30 11:00	2.2	138	0.1	7.6
	2023/01/30 12:00	1.3	142	0.1	0.2
	2023/01/30 13:00	1.1	143	0.1	0.2
	2023/01/30 14:00	1.1	140	0.2	0.1
	2023/01/30 15:00	1	142	0.2	0.1
	2023/01/30 17:00	0.8	139	0.1	0
	2023/01/30 18:00	0.8	136	0.1	0
	2023/01/30 19:00	0.9	129	0.2	0.1
	2023/01/30 21:00	1.2	137	0.1	0.2
	2023/01/30 22:00	1.1	132	0.1	0.2
	2023/01/30 23:00	1	132	0.1	0.1
	2023/01/31 01:00	1	130	0.1	0.1
	2023/01/31 02:00	0.9	130	0.1	0
	2023/01/31 03:00	1	131	0.1	0.3
	2023/01/31 05:00	1.5	129	0.1	0.9
	2023/01/31 06:00	1.5	129	0.1	0.8
	2023/01/31 07:00	1.3	129	0.1	0.4
	2023/01/31 10:00	1.3	118	0.1	1.9
	2023/01/31 11:00	1.3	113	0.1	2.2
	2023/01/31 12:00	1.3	114	0.1	0.8
	2023/01/31 14:00	1.6	135	0.4	1
	2023/01/31 15:00	1.4	133	0.7	0.3
	2023/01/31 16:00	1.1	132	0.1	0.1
	2023/01/31 18:00	1.2	130	0.1	0.2
	2023/01/31 19:00	0.9	127	0.1	0.2
	2023/01/31 20:00	1.1	127	0.1	0.2
	2023/01/31 22:00	0.9	106	0.1	0.2
	2023/01/31 23:00	1	107	0.1	0.1
<b>Unit 12</b>	2023/01/04 12:00	2.2	126	0	0.3
	2023/01/04 13:00	1.8	128	0	0
	2023/01/04 14:00	2.1	127	0	0.1
	2023/01/04 15:00	2.2	124	0	0.2
	2023/01/04 16:00	2	120	0	0.3
	2023/01/04 17:00	2.2	118	0	0.3
	2023/01/04 18:00	2.1	116	0	0.2
	2023/01/04 19:00	1.7	116	0	0.2

	2023/01/04 20:00	2	120	0	0.2
	2023/01/04 22:00	1.2	118	0	0.3
	2023/01/04 23:00	0.9	120	0	0.3
	2023/01/05 16:00	1.6	139	0	0.6
	2023/01/05 17:00	2.6	128	0	0
	2023/01/05 18:00	2.4	127	0	0
	2023/01/05 19:00	2.8	125	0	0.2
	2023/01/05 20:00	2.4	124	0	0.1
	2023/01/05 21:00	2.4	125	0	0.1
	2023/01/05 22:00	2.6	116	0	0.2
	2023/01/05 23:00	2.4	125	0	0.3
	2023/01/06	2.2	125	0	0.5
	2023/01/06 10:00	2.9	139	0	0.8
	2023/01/06 11:00	4.7	132	0	1.7
	2023/01/06 12:00	4.6	142	0	2.2
	2023/01/06 13:00	3.2	133	0	0.1
	2023/01/06 14:00	3.2	132	0	0.1
	2023/01/06 15:00	3.3	147	0	0.1
	2023/01/06 16:00	3	141	0	1
	2023/01/06 17:00	3	136	0	1
	2023/01/06 18:00	2.7	132	0	0.9
	2023/01/06 21:00	2.5	126	0	0.5
	2023/01/06 22:00	2.9	134	0	0.6
	2023/01/09 08:00	1.5	126	0	0.3
	2023/01/09 09:00	4.9	130	0	0.9
	2023/01/09 10:00	7.8	122	0	2.5
	2023/01/09 11:00	10.5	138	0	4.4
	2023/01/09 12:00	8.9	140	0	5.1
	2023/01/09 13:00	2.7	132	0	0.1
	2023/01/09 14:00	2.4	118	0	0.2
	2023/01/09 15:00	1.7	124	0	0.1
	2023/01/09 16:00	0.9	119	0	0
	2023/01/09 18:00	0.1	115	0	0
	2023/01/09 19:00	0	121	0	0
	2023/01/09 20:00	2.9	120	0	0.2
	2023/01/09 21:00	3	124	0	0.3
	2023/01/09 22:00	2.5	115	0	0.3
	2023/01/09 23:00	2.2	118	0	0.3
	2023/01/10	2.2	114	0	0.3

	2023/01/10 01:00	2.2	118	0	0.3
	2023/01/10 02:00	2.8	105	0	0.2
	2023/01/10 04:00	2.9	101	0	0.4
	2023/01/10 05:00	2.3	127	0	0.3
	2023/01/10 14:00	1.7	133	0	0.2
	2023/01/10 15:00	0.6	130	0	0.3
	2023/01/10 16:00	1.9	127	0	0.6
	2023/01/10 17:00	2.6	127	0	0.3
	2023/01/10 18:00	1.8	122	0	0.2
	2023/01/10 19:00	2	123	0	0.2
	2023/01/10 20:00	2.5	118	0	0.7
	2023/01/10 21:00	4.2	123	0	1
	2023/01/10 22:00	5.3	120	0	0.8
	2023/01/10 23:00	2.8	130	0	0.6
	2023/01/11 01:00	3.8	135	0	0.5
	2023/01/11 02:00	9.8	115	0	0.6
	2023/01/11 04:00	5.5	126	0	0.8
	2023/01/11 05:00	4.3	115	0	0.7
	2023/01/11 06:00	4.6	116	0	0.8
	2023/01/11 07:00	5.5	111	0	1.1
	2023/01/11 09:00	5	120	0	0.2
	2023/01/11 10:00	5.1	121	0	0.3
	2023/01/11 11:00	5.2	127	0	0.4
	2023/01/11 13:00	5.2	121	0	1
	2023/01/11 14:00	7.2	124	0	2.5
	2023/01/11 15:00	7.7	121	0	3.2
	2023/01/11 17:00	3.4	127	0	0.3
	2023/01/11 18:00	3.2	122	0	0.2
	2023/01/11 19:00	2.8	119	0	0.2
	2023/01/11 20:00	3.7	115	0	0.4
	2023/01/11 21:00	4.1	122	0	0.4
	2023/01/11 22:00	3.9	123	0	0.4
	2023/01/11 23:00	3.4	124	0	0.3
	2023/01/12 01:00	3.2	131	0	0.7
	2023/01/12 02:00	4.7	125	0	0.9
	2023/01/12 03:00	5.1	109	0	0.9
	2023/01/12 06:00	4.6	119	0	0
	2023/01/12 07:00	4.3	115	0	0
	2023/01/12 09:00	3.8	129	0	0.2

	2023/01/12 10:00	5.3	117	0	0.2
	2023/01/16 01:00	1.1	143	0	0
	2023/01/16 02:00	4.6	132	0	0
	2023/01/16 15:00	5.3	129	0	0.5
	2023/01/16 16:00	4.9	133	0	0.3
	2023/01/16 17:00	8.7	122	0	0.1
	2023/01/16 18:00	5.9	122	0	0.1
	2023/01/16 19:00	5.7	122	0	0.1
	2023/01/16 20:00	5.3	132	0	0.1
	2023/01/16 21:00	5.9	144	0	0.3
	2023/01/16 22:00	5.8	145	0	0.3
	2023/01/16 23:00	5.6	146	0	0.3
	2023/01/17	5.5	146	0	0.3
	2023/01/17 06:00	6.7	152	0	1
	2023/01/17 07:00	5.2	149	0	0.7
	2023/01/17 08:00	5.5	148	0	0.6
	2023/01/17 09:00	7.6	131	0	0.7
	2023/01/17 10:00	8.7	122	0	0.9
	2023/01/17 11:00	8.7	123	0	1.1
	2023/01/17 12:00	7.8	135	0	1.2
	2023/01/17 13:00	7.7	125	0	0.1
	2023/01/17 14:00	7.8	128	0	0.1
	2023/01/17 15:00	7.8	129	0	0.2
	2023/01/17 17:00	8.4	131	0	0
	2023/01/17 18:00	8.4	135	0	0.2
	2023/01/17 20:00	8.1	132	0	0.7
	2023/01/17 21:00	8.5	120	0	0.7
	2023/01/17 22:00	8.4	118	0	0.5
	2023/01/17 23:00	9	120	0	0.8
	2023/01/18 08:00	7.7	136	0	0.5
	2023/01/18 09:00	24.1	111	0	0.2
	2023/01/18 10:00	7.2	129	0	0.3
	2023/01/18 17:00	5.4	144	0	0.5
	2023/01/18 18:00	3.8	142	0	0.1
	2023/01/18 19:00	4.5	131	0	0.2
	2023/01/18 20:00	5.5	130	0	0.1
	2023/01/18 21:00	7.1	132	0	0.1
	2023/01/18 22:00	7.2	129	0	0.2
	2023/01/18 23:00	7.2	132	0	0.2

	2023/01/19	7.3	127	0	0.2
	2023/01/19 01:00	7.6	125	0	0.3
	2023/01/19 03:00	7.7	126	0	0.1
	2023/01/19 04:00	7.7	129	0	0.2
	2023/01/19 05:00	9.3	125	0	0.3
	2023/01/19 07:00	9.5	129	0	0.4
	2023/01/19 08:00	8.6	138	0	0.4
	2023/01/19 09:00	8.5	141	0	0.6
	2023/01/19 10:00	9.7	134	0	1.1
	2023/01/19 12:00	9.3	141	0	0.8
	2023/01/19 13:00	8.2	144	0	0.1
	2023/01/19 14:00	8.3	145	0	0.1
	2023/01/19 15:00	10.6	138	0	0
	2023/01/19 17:00	26.8	132	0	0.2
	2023/01/19 18:00	13.3	135	0	0.2
	2023/01/19 19:00	13.4	144	0	0.2
	2023/01/19 20:00	7.7	155	0	0.4
	2023/01/19 22:00	9.2	133	0	0.3
	2023/01/19 23:00	8.6	137	0	0.2
	2023/01/20	9.8	127	0	0.3
	2023/01/20 02:00	10	148	0	0.4
	2023/01/20 03:00	22.7	142	0	0.3
	2023/01/20 04:00	7.6	164	0	0.4
	2023/01/20 06:00	6.9	172	0	0.3
	2023/01/20 07:00	6.9	171	0	0.6
	2023/01/20 08:00	7.1	168	0	0.5
	2023/01/20 09:00	8.6	171	0	0.7
	2023/01/20 11:00	13.3	174	0	3.4
	2023/01/20 12:00	11.5	168	0	3.4
	2023/01/20 14:00	6.5	171	0	0.5
	2023/01/20 15:00	5.1	170	0	0.2
	2023/01/20 16:00	4	170	0	0.1
	2023/01/20 17:00	5.2	171	0	0.2
	2023/01/20 19:00	4.4	165	0	0
	2023/01/20 20:00	5	166	0	0.3
	2023/01/20 21:00	6.3	171	0	0.2
	2023/01/20 23:00	5.9	169	0	0.2
	2023/01/21	6	168	0	0.2
	2023/01/21 01:00	6.6	170	0	0.2

	2023/01/21 02:00	6.3	169	0	0.2
	2023/01/21 03:00	6.6	171	0	0.3
	2023/01/21 05:00	6.3	163	0	0.4
	2023/01/21 06:00	6.7	162	0	0.4
	2023/01/21 07:00	6.6	162	0	1
	2023/01/21 09:00	7	164	0	0.3
	2023/01/21 10:00	6.5	163	0	0.3
	2023/01/21 12:00	9.7	154	0	0.5
	2023/01/21 13:00	9.3	148	0	0.5
	2023/01/21 14:00	10.6	149	0	1
	2023/01/21 15:00	11.5	150	0	1.6
	2023/01/21 17:00	10.5	155	0	0
	2023/01/21 18:00	8.6	154	0	0.3
	2023/01/21 19:00	8.7	154	0	0
	2023/01/21 21:00	8.6	155	0	0.2
	2023/01/21 22:00	8.8	153	0	0.2
	2023/01/21 23:00	8.3	153	0	0.1
	2023/01/23 07:00	6.1	160	0	0.6
	2023/01/23 08:00	6.8	156	0	0.3
	2023/01/23 09:00	9.1	156	0	0.6
	2023/01/23 10:00	11.8	156	0	1.4
	2023/01/23 11:00	14.9	158	0	3.8
	2023/01/23 12:00	13.8	156	0	4.4
	2023/01/23 13:00	8.5	154	0	0.2
	2023/01/23 14:00	8.2	157	0	0.1
	2023/01/23 15:00	7.9	159	0	0.2
	2023/01/23 17:00	24	135	0	0.2
	2023/01/23 18:00	13.6	131	0	0.2
	2023/01/23 19:00	11.7	132	0	0.2
	2023/01/23 21:00	13.6	129	0	0.9
	2023/01/23 22:00	13.1	126	0	0.6
	2023/01/23 23:00	12.5	127	0	0.3
	2023/01/24 07:00	7.2	173	0	0.2
	2023/01/24 08:00	11.3	171	0	0.3
	2023/01/24 09:00	10	180	0	0.3
	2023/01/24 10:00	12.5	178	0	1.2
	2023/01/24 11:00	14.9	181	0	2.9
	2023/01/24 12:00	13.7	171	0	3.4
	2023/01/24 13:00	9.1	170	0	0.3

	2023/01/24 14:00	7.7	173	0	0.1
	2023/01/24 15:00	6.2	174	0	0
	2023/01/24 17:00	8.7	169	0	0.2
	2023/01/24 18:00	7.7	169	0	0.2
	2023/01/24 19:00	8.3	166	0	0.1
	2023/01/24 21:00	8.7	171	0	0.6
	2023/01/24 22:00	8.4	169	0	0.5
	2023/01/24 23:00	8.2	171	0	0.4
	2023/01/25 01:00	15.5	172	0	0.2
	2023/01/25 02:00	11.8	173	0	0.2
	2023/01/25 03:00	12.1	173	0	0.4
	2023/01/25 05:00	11.5	172	0	0.3
	2023/01/25 06:00	11.7	172	0	0.1
	2023/01/25 07:00	11.4	172	0	0
	2023/01/25 09:00	12.1	177	0	0
	2023/01/25 10:00	12.4	176	0	0.2
	2023/01/25 11:00	13.9	178	0	0.4
	2023/01/25 14:00	9.1	185	0	0
	2023/01/25 15:00	9.2	184	0	0
	2023/01/25 16:00	8.7	181	0	0.3
	2023/01/25 18:00	13.7	163	0	0.6
	2023/01/25 19:00	13.9	164	0	0.4
	2023/01/25 20:00	14.3	167	0	0.5
	2023/01/25 22:00	14.8	172	0	0.1
	2023/01/27 16:00	13.2	162	0	0.3
	2023/01/27 17:00	13.5	153	0	0
	2023/01/27 18:00	12.5	151	0	0
	2023/01/27 19:00	14.7	152	0	0
	2023/01/27 20:00	12.6	152	0	0.2
	2023/01/27 21:00	13.9	152	0	0.3
	2023/01/27 22:00	13.7	153	0	0.3
	2023/01/27 23:00	13.1	153	0	0.3
	2023/01/28	14.2	154	0	0.4
	2023/01/28 01:00	14.4	154	0	0.3
	2023/01/28 03:00	16.6	155	0	0.6
	2023/01/28 04:00	16.3	157	0	0.4
	2023/01/28 05:00	15	160	0	0
	2023/01/28 07:00	14.9	161	0	0
	2023/01/28 08:00	14.7	165	0	0.2

	2023/01/28 09:00	17.6	167	0	0.4
	2023/01/28 11:00	41.4	142	0	3
	2023/01/28 20:00	14.7	169	0	0.2
	2023/01/28 21:00	18.3	173	0	0
	2023/01/28 22:00	50.2	144	0	0
	2023/01/29 09:00	18	176	0	0
	2023/01/29 15:00	13.7	182	0	0.3
	2023/01/29 16:00	46.7	140	0	0.2
	2023/01/29 17:00	57.1	129	0	0.4
	2023/01/29 19:00	18.8	166	0	0.6
	2023/01/29 20:00	16.7	171	0	0.6
	2023/01/29 21:00	16.1	175	0	0.1
	2023/01/30 07:00	19	179	0	0.2
	2023/01/30 08:00	27.1	161	0	0.3
	2023/01/30 09:00	31.5	161	0	1
	2023/01/30 10:00	23.2	173	0	2.1
	2023/01/30 11:00	24.3	179	0	3.5
	2023/01/30 12:00	23.9	182	0	3.9
	2023/01/30 13:00	22.9	188	0	0.1
	2023/01/30 14:00	21.6	185	0	0.3
	2023/01/30 15:00	22.5	184	0	0.3
	2023/01/30 16:00	20.7	181	0	0.1
	2023/01/30 18:00	19.3	168	0	0
	2023/01/30 19:00	23	160	0	0
	2023/01/30 20:00	22.9	165	0	0
	2023/01/30 22:00	24.4	168	0	0
	2023/01/30 23:00	20.8	170	0	0
	2023/01/31	21.4	168	0	0.3
	2023/01/31 02:00	21.3	173	0	0.2
	2023/01/31 03:00	22	175	0	0.3
	2023/01/31 05:00	21.5	166	0	0.1
	2023/01/31 06:00	21.4	166	0	0.2
	2023/01/31 07:00	21.3	165	0	0.1
	2023/01/31 08:00	20.9	166	0	0.6
	2023/01/31 10:00	35.1	148	0	2.1
	2023/01/31 11:00	37.8	140	0	2
	2023/01/31 12:00	38.6	138	0	2
	2023/01/31 15:00	22.7	165	0	0.4
	2023/01/31 16:00	21.3	165	0	0.3



	2023/01/31 18:00	23.2	156	0	0
	2023/01/31 19:00	24.6	147	0	0
	2023/01/31 20:00	25.5	148	0	0
	2023/01/31 22:00	43.8	129	0	0.1
	2023/01/31 23:00	45.6	131	0	0
<b>Unit 13</b>	2023/01/05 22:00	2.3	106	0.1	7.6
	2023/01/05 23:00	0.9	106	0.1	6
	2023/01/06 11:00	0	114	0.1	0.4
	2023/01/06 12:00	0.1	124	0.1	1
	2023/01/06 18:00	0.2	122	0.1	0.5
	2023/01/06 19:00	0.2	117	0.1	0.3
	2023/01/06 20:00	0.8	125	0.1	0.1
	2023/01/06 21:00	1.3	119	0.1	0
	2023/01/06 22:00	1.5	123	0.1	0.5
	2023/01/09 16:00	0.6	106	0.1	1.6
	2023/01/09 17:00	1	103	0.1	2.5
	2023/01/09 18:00	0.8	99	0.1	2.5
	2023/01/09 19:00	0.1	99	0.1	1.9
	2023/01/09 20:00	0.6	107	0.1	2.7
	2023/01/09 21:00	0.7	106	0.1	0
	2023/01/09 22:00	0.2	102	0.1	0.4
	2023/01/09 23:00	0.4	103	0.1	0
	2023/01/10	1.7	101	0.1	1.2
	2023/01/10 01:00	2.3	104	0.1	3.4
	2023/01/10 14:00	1.8	116	0.1	3.5
	2023/01/10 15:00	0.3	107	0.2	2.3
	2023/01/10 16:00	0.8	106	0.1	0.7
	2023/01/10 17:00	0.6	106	0.1	0.5
	2023/01/10 18:00	0.6	103	0.1	0
	2023/01/10 19:00	1.5	106	0.1	0.9
	2023/01/10 20:00	0.5	102	0.1	0.4
	2023/01/10 21:00	0	105	0.1	0
	2023/01/10 22:00	0	101	0.1	0
	2023/01/10 23:00	0	112	0.1	0
	2023/01/11 01:00	2.5	114	0.1	2
	2023/01/11 02:00	1.4	97	0.1	2.2
	2023/01/11 04:00	1.7	112	0.1	2.7

	2023/01/11 05:00	2.6	106	0.1	8.1
	2023/01/11 06:00	1.3	105	0.1	7.9
	2023/01/11 08:00	2	115	0.1	0.8
	2023/01/11 09:00	2.1	105	0.1	1.1
	2023/01/11 10:00	1.7	103	0.1	2.9
	2023/01/11 11:00	2.7	110	0.1	1.3
	2023/01/11 13:00	0.2	105	0.1	3.2
	2023/01/11 14:00	0.3	107	0.1	4
	2023/01/11 15:00	0.5	105	0.1	4.7
	2023/01/11 17:00	1.1	106	0.1	0.7
	2023/01/11 18:00	1	103	0.1	0.6
	2023/01/11 19:00	1.5	102	0.1	1.1
	2023/01/11 20:00	1	104	0.1	1
	2023/01/11 21:00	0	107	0.1	0.9
	2023/01/11 22:00	0.2	110	0.1	4.1
	2023/01/11 23:00	0	105	0.1	2.6
	2023/01/12 01:00	1.2	108	0.1	3.1
	2023/01/12 02:00	0.6	104	0.1	1
	2023/01/12 03:00	0.5	95	0.1	0.7
	2023/01/12 05:00	0.7	98	0.1	2.4
	2023/01/16 16:00	0.9	107	0.1	0.9
	2023/01/16 17:00	1.4	100	0.1	1
	2023/01/16 18:00	0.6	100	0.1	0.8
	2023/01/16 19:00	0.4	100	0.1	0.8
	2023/01/16 20:00	0.9	109	0.1	1
	2023/01/16 21:00	0	113	0.1	0
	2023/01/16 22:00	0	111	0.1	0
	2023/01/16 23:00	0	110	0.1	0
	2023/01/17	0.8	112	0.1	0.8
	2023/01/17 06:00	1.8	120	0.1	1.6
	2023/01/17 07:00	0	111	0.1	0.1
	2023/01/17 08:00	1.1	115	0.1	0.8
	2023/01/17 09:00	1.7	107	0.1	2.3
	2023/01/17 10:00	1.4	100	0.1	4.2
	2023/01/17 11:00	0.5	96	0.1	1.1
	2023/01/17 12:00	0.8	109	0.1	1.4
	2023/01/17 13:00	0.2	98	0.1	0.1
	2023/01/17 14:00	0.3	99	0.1	0
	2023/01/17 16:00	1.2	109	0.1	1.1

	2023/01/17 17:00	1.3	100	0.1	1.7
	2023/01/17 18:00	1.9	104	0.1	0.5
	2023/01/17 20:00	1.1	105	0.1	1.5
	2023/01/17 21:00	0	99	0.1	1.1
	2023/01/17 22:00	0	89	0.1	1.5
	2023/01/18 19:00	0.5	97	0.1	2.1
	2023/01/18 20:00	2.6	103	0.1	1.7
	2023/01/18 21:00	2.9	107	0.1	2.9
	2023/01/18 22:00	2.4	104	0.1	2.1
	2023/01/18 23:00	1.9	105	0.1	1.8
	2023/01/19	1.1	105	0.1	1
	2023/01/19 01:00	0.7	104	0.1	0.2
	2023/01/19 02:00	1.4	109	0.1	0.5
	2023/01/19 04:00	1.7	115	0.1	1.1
	2023/01/19 05:00	0.8	104	0.1	0.7
	2023/01/19 06:00	0.1	107	0.1	0.1
	2023/01/19 07:00	0.5	110	0.1	0
	2023/01/20 10:00	0.2	124	0.1	0.2
	2023/01/20 11:00	0.1	127	0.1	0
	2023/01/20 12:00	3.1	127	0.1	5.6
	2023/01/20 13:00	2.5	129	0.1	5.1
	2023/01/20 14:00	1.8	128	0.2	3.1
	2023/01/20 15:00	1.6	130	0.3	3.7
	2023/01/20 16:00	0.6	128	0.1	0.7
	2023/01/20 17:00	0.7	126	0.1	0.4
	2023/01/20 19:00	0	114	0.1	1.5
	2023/01/20 20:00	1.5	119	0.1	3
	2023/01/20 21:00	1.2	120	0.1	2.7
	2023/01/20 22:00	1.5	120	0.1	2.8
	2023/01/21	1.8	119	0.1	3.5
	2023/01/21 01:00	1.2	120	0.1	3.6
	2023/01/21 02:00	1	121	0.1	3
	2023/01/21 04:00	2.8	121	0.1	6.7
	2023/01/21 05:00	1.6	120	0.1	5.5
	2023/01/21 06:00	1.6	122	0.1	3.5
	2023/01/21 08:00	0.4	113	0.1	2
	2023/01/21 09:00	0	111	0.1	1
	2023/01/21 10:00	0	109	0.1	0.9
	2023/01/21 12:00	0.8	116	0.1	1.8

	2023/01/21 13:00	0.6	118	0.1	0.1
	2023/01/21 14:00	2.3	123	0.2	1.5
	2023/01/21 15:00	4.6	121	0.2	5.9
	2023/01/23 07:00	2.2	117	0.1	4.3
	2023/01/23 08:00	0.8	121	0.1	1.2
	2023/01/23 09:00	0.7	115	0.1	0.3
	2023/01/23 10:00	2.1	120	0.1	1
	2023/01/23 11:00	2.2	123	0.1	0.8
	2023/01/23 12:00	0.4	116	0.1	0
	2023/01/23 13:00	0.8	111	0.1	0.7
	2023/01/23 14:00	0.8	114	0.2	1
	2023/01/23 15:00	0.4	121	0.2	0.5
	2023/01/23 17:00	0.9	107	0.1	0.2
	2023/01/23 18:00	2.2	117	0.1	0.2
	2023/01/23 19:00	2.4	125	0.1	0.6
	2023/01/23 21:00	0.1	124	0.1	0
	2023/01/23 22:00	0.1	111	0.1	0.4
	2023/01/23 23:00	0	116	0.1	0.4
	2023/01/24 07:00	1.1	130	0.1	1
	2023/01/24 08:00	1.2	123	0.1	0.4
	2023/01/24 09:00	2.9	130	0.1	1.7
	2023/01/24 10:00	3.4	133	0.1	2.5
	2023/01/24 11:00	3	137	0.1	2.1
	2023/01/24 12:00	1.2	115	0.1	1.2
	2023/01/24 13:00	0.5	118	0.1	0.6
	2023/01/24 14:00	1.7	114	0.1	1.8
	2023/01/24 15:00	1.8	125	0.1	1.8
	2023/01/24 17:00	1.3	127	0.1	3
	2023/01/24 18:00	0.4	117	0.1	1.8
	2023/01/24 19:00	0	118	0.1	1.3
	2023/01/24 21:00	0.7	121	0.1	1.4
	2023/01/24 22:00	0.3	113	0.1	0.8
	2023/01/24 23:00	0.5	124	0.1	1.4
	2023/01/25 07:00	0.4	116	0.1	3.2
	2023/01/25 08:00	1.6	125	0.1	1.5
	2023/01/25 09:00	1.4	124	0.1	0.7
	2023/01/25 10:00	1.6	121	0.1	0
	2023/01/25 11:00	4.2	129	0.1	3.1
	2023/01/25 12:00	0.8	125	0.1	1.1

	2023/01/25 13:00	0.1	126	0.1	0
	2023/01/25 14:00	0.8	133	0.2	0.1
	2023/01/25 15:00	1.8	129	0.2	0.7
	2023/01/25 16:00	1.6	134	0.1	2.9
	2023/01/25 18:00	0.4	107	0.1	0.9
	2023/01/25 19:00	0.6	114	0.1	2
	2023/01/25 20:00	1.2	120	0.1	0.5
	2023/01/25 22:00	0.6	118	0.1	0.9
	2023/01/25 23:00	0.4	120	0.1	1.3
	2023/01/26	1.6	115	0.1	2.6
	2023/01/26 02:00	3.2	121	0.1	5.6
	2023/01/26 03:00	3.6	116	0.1	8.6
	2023/01/26 04:00	0.4	122	0.1	2
	2023/01/26 06:00	0.1	124	0.1	0
	2023/01/26 07:00	0	112	0.1	0
	2023/01/26 08:00	0.8	121	0.1	0
	2023/01/27 18:00	0.9	116	0.1	0.7
	2023/01/27 19:00	0	100	0.1	0
	2023/01/27 20:00	1	113	0.1	0.4
	2023/01/27 21:00	2	110	0.1	0.6
	2023/01/27 22:00	2.9	114	0.1	1.1
	2023/01/27 23:00	4	114	0.1	3.8
	2023/01/28	1.3	110	0.1	4.3
	2023/01/28 01:00	0	107	0.1	0
	2023/01/28 03:00	0.4	115	0.1	0
	2023/01/28 04:00	1.6	118	0.1	2.2
	2023/01/28 05:00	1.1	117	0.1	2.5
	2023/01/28 06:00	0	107	0.1	0.7
	2023/01/28 08:00	0.7	118	0.1	1.3
	2023/01/28 09:00	0.3	116	0.1	0.6
	2023/01/28 10:00	1.3	121	0.1	1.2
	2023/01/28 20:00	1.3	116	0.1	2.3
	2023/01/28 21:00	0	114	0.1	0.4
	2023/01/28 22:00	0	100	0.1	0
	2023/01/29 10:00	1	123	0.1	0.8
	2023/01/29 11:00	2.2	134	0.1	0.8
	2023/01/29 12:00	0.6	137	0.1	0.5
	2023/01/29 13:00	1.1	134	0.1	2.1
	2023/01/29 14:00	0.2	125	0.2	0.3

	2023/01/29 15:00	2.1	124	0.3	3.1
	2023/01/29 16:00	0.6	130	0.1	1
	2023/01/29 17:00	0.1	122	0.1	0.5
	2023/01/29 19:00	0.1	119	0.1	0.4
	2023/01/29 20:00	1	109	0.1	3.6
	2023/01/29 21:00	1.4	109	0.1	4.8
	2023/01/30 11:00	0.6	120	0.1	0.1
	2023/01/30 12:00	1.5	127	0.1	0.8
	2023/01/30 13:00	2.7	130	0.1	1.7
	2023/01/30 14:00	3.4	128	0.1	3.2
	2023/01/30 15:00	3.5	129	0.1	3.5
	2023/01/30 16:00	0.4	118	0.1	0.6
	2023/01/30 17:00	0.1	115	0.1	0.1
	2023/01/30 18:00	0.1	115	0.1	0.1
	2023/01/30 19:00	0.3	117	0.1	1
	2023/01/30 21:00	0	114	0.1	0
	2023/01/30 22:00	0	110	0.1	0
	2023/01/30 23:00	0	114	0.1	0
	2023/01/31 01:00	0.6	111	0.1	1.1
	2023/01/31 02:00	1.1	115	0.1	2.6
	2023/01/31 03:00	0.6	115	0.1	2.9
	2023/01/31 06:00	0	111	0.1	0.1
	2023/01/31 07:00	0	107	0.1	1.1
	2023/01/31 08:00	1	110	0.1	1.4
	2023/01/31 10:00	0.8	108	0.1	0.1
	2023/01/31 11:00	2.6	112	0.1	1.2
	2023/01/31 12:00	0.8	108	0.1	0.8
	2023/01/31 13:00	0.5	111	0.1	0.9
	2023/01/31 15:00	0.2	110	0.5	0.9
	2023/01/31 16:00	0.3	109	0.1	0.2
	2023/01/31 18:00	2.2	111	0.1	1
	2023/01/31 19:00	1.8	105	0.1	0.9
	2023/01/31 20:00	0.7	113	0.1	0.4
	2023/01/31 22:00	0.1	100	0.1	0
<b>Unit 21</b>	2023/01/04 12:00	1.9	162	0	0.9
	2023/01/04 13:00	3.2	164	0	0
	2023/01/04 14:00	3.9	163	0	0

	2023/01/04 15:00	3.8	164	0	0
	2023/01/04 16:00	2.9	164	0	0.7
	2023/01/04 17:00	3.5	162	0	0.6
	2023/01/04 18:00	3.9	161	0	0.8
	2023/01/04 19:00	3.7	163	0	1.2
	2023/01/04 20:00	2.6	167	0	0.6
	2023/01/04 22:00	1.5	159	0	0.4
	2023/01/04 23:00	1.4	160	0	0.4
	2023/01/05 16:00	2.5	165	0	0.9
	2023/01/05 17:00	3.3	155	0	0.4
	2023/01/05 18:00	3.1	157	0	0.5
	2023/01/05 19:00	2.5	154	0	0.6
	2023/01/05 20:00	2.2	153	0	0.4
	2023/01/05 21:00	2.5	160	0	0.3
	2023/01/05 22:00	2.5	151	0	0.5
	2023/01/05 23:00	2.1	159	0	0.5
	2023/01/06	2.3	157	0	0.4
	2023/01/06 01:00	2.8	160	0	0.4
	2023/01/06 10:00	3.2	166	0	0.2
	2023/01/06 11:00	5.1	164	0	0.4
	2023/01/06 12:00	3	166	0	0.4
	2023/01/06 13:00	3.3	154	0	0.4
	2023/01/06 14:00	2.4	155	0	0.5
	2023/01/06 15:00	1.4	169	0	0.5
	2023/01/06 16:00	2	170	0	0.4
	2023/01/06 17:00	2.3	170	0	0.5
	2023/01/06 18:00	2.2	166	0	0.6
	2023/01/06 20:00	2.2	165	0	0.4
	2023/01/06 21:00	2	155	0	0.5
	2023/01/06 22:00	1.3	163	0	0.5
	2023/01/06 23:00	1.7	162	0	0.5
	2023/01/08 15:00	3.5	176	0	0.6
	2023/01/08 16:00	2.5	177	0	0.3
	2023/01/08 17:00	2.7	173	0	0.2
	2023/01/08 18:00	2.9	168	0	0.3
	2023/01/08 19:00	2.7	168	0	0.3
	2023/01/08 20:00	2.5	159	0	0.4
	2023/01/08 21:00	2.3	153	0	0.3
	2023/01/08 22:00	2.4	147	0	0.3

	2023/01/09 08:00	1.9	158	0	0.5
	2023/01/09 09:00	0.5	156	0	0.2
	2023/01/09 10:00	0.7	146	0	0
	2023/01/09 11:00	2.9	160	0	0
	2023/01/09 12:00	4.5	167	0	0.7
	2023/01/09 13:00	5.9	167	0	1.3
	2023/01/09 14:00	5.4	153	0	1.4
	2023/01/09 15:00	3.7	163	0	3.1
	2023/01/09 16:00	0.7	146	0	3.1
	2023/01/09 18:00	0	142	0	0.1
	2023/01/09 19:00	0	146	0	0.2
	2023/01/09 20:00	2	155	0	0.2
	2023/01/09 21:00	2.1	159	0	0.2
	2023/01/09 22:00	2.5	149	0	0.1
	2023/01/09 23:00	2.8	152	0	0.4
	2023/01/10	2.2	145	0	0.4
	2023/01/10 14:00	1.9	163	0	1.1
	2023/01/10 15:00	1.4	159	0	0.8
	2023/01/10 16:00	2.2	153	0	0.5
	2023/01/10 17:00	2.7	158	0	0.6
	2023/01/10 18:00	2.8	154	0	0.7
	2023/01/10 19:00	2.2	153	0	0.8
	2023/01/10 20:00	1.9	146	0	0.7
	2023/01/10 21:00	2.2	155	0	1
	2023/01/10 22:00	2.4	145	0	0.8
	2023/01/10 23:00	1.7	158	0	1.1
	2023/01/11	2.1	160	0	0.6
	2023/01/11 12:00	3.3	154	0	0.6
	2023/01/11 13:00	4.3	162	0	0.3
	2023/01/11 14:00	3.6	163	0	0.5
	2023/01/11 15:00	3.5	160	0	0.6
	2023/01/11 16:00	2.7	178	0	0.7
	2023/01/11 17:00	2.5	162	0	0.7
	2023/01/11 18:00	2	159	0	0.9
	2023/01/11 19:00	1.7	155	0	0.9
	2023/01/11 20:00	2.4	148	0	0.6
	2023/01/11 21:00	3	162	0	0.8
	2023/01/11 22:00	2.6	165	0	0.7
	2023/01/12	2.4	161	0	0.7



	2023/01/12 01:00	2.4	164	0	0.5
	2023/01/12 02:00	2.6	159	0	0.7
	2023/01/12 03:00	2.7	143	0	0.6
	2023/01/12 05:00	2.3	147	0	0.6
	2023/01/12 06:00	1.8	147	0	0.8
	2023/01/12 07:00	1.1	141	0	0.7
	2023/01/12 09:00	2.6	146	0	0.7
	2023/01/16	2.8	176	0	0.5
	2023/01/16 01:00	4.3	176	0	0.9
	2023/01/16 02:00	5.2	161	0	0.9
	2023/01/16 15:00	2.1	151	0	1.7
	2023/01/16 16:00	2.5	157	0	1.6
	2023/01/16 17:00	3.1	142	0	0.4
	2023/01/16 18:00	2.6	145	0	0.5
	2023/01/16 19:00	1.9	147	0	0.3
	2023/01/16 20:00	2.4	160	0	0.4
	2023/01/16 21:00	2.6	170	0	0.3
	2023/01/16 22:00	3.5	172	0	0.3
	2023/01/17 07:00	1.8	175	0	2.3
	2023/01/18 06:00	2	184	0	0.7
	2023/01/18 07:00	2.4	183	0	0.7
	2023/01/18 08:00	2.9	173	0	0.9
	2023/01/18 09:00	5	139	0	1.3
	2023/01/18 10:00	2.9	161	0	1
	2023/01/18 11:00	3.3	171	0	0.7
	2023/01/18 12:00	1.9	173	0	1.1
	2023/01/18 13:00	1.2	155	0	0.2
	2023/01/18 15:00	2.6	174	0	0
	2023/01/18 16:00	2.5	173	0	0.5
	2023/01/18 17:00	1.6	164	0	1.6
	2023/01/18 18:00	0.1	153	0	0.8
	2023/01/18 20:00	2	168	0	0.4
	2023/01/18 21:00	1.2	167	0	0.4
	2023/01/18 22:00	1.6	160	0	0.3
	2023/01/18 23:00	2.2	167	0	0.3
	2023/01/19 01:00	1.9	160	0	0.6
	2023/01/19 02:00	1.8	166	0	0.2
	2023/01/19 03:00	1.9	157	0	0.2
	2023/01/19 05:00	1.7	163	0	0.3

	2023/01/19 06:00	1.6	165	0	0.3
	2023/01/19 08:00	2.2	183	0	0.7
	2023/01/19 09:00	4.9	184	0	0.3
	2023/01/19 10:00	5.7	179	0	0.5
	2023/01/19 12:00	2.5	177	0	0.3
	2023/01/19 13:00	2.1	182	0	0.4
	2023/01/19 14:00	3.4	183	0	0.5
	2023/01/19 15:00	1.8	178	0	0.4
	2023/01/19 17:00	3	161	0	0.3
	2023/01/19 18:00	2.6	163	0	0.3
	2023/01/19 19:00	2.7	182	0	0.2
	2023/01/19 20:00	1.6	187	0	0.4
	2023/01/19 22:00	1.4	194	0	0.5
	2023/01/19 23:00	1.2	196	0	0.3
	2023/01/20	1.6	186	0	0.4
	2023/01/20 02:00	2.2	192	0	0.1
	2023/01/20 03:00	2.7	178	0	0.2
	2023/01/20 04:00	2.1	201	0	0.4
	2023/01/20 05:00	1.9	202	0	0.5
	2023/01/20 07:00	0.6	199	0	0.5
	2023/01/20 08:00	1.9	204	0	0.4
	2023/01/20 09:00	2.6	206	0	0
	2023/01/20 11:00	2.9	207	0	0.6
	2023/01/20 12:00	2.7	199	0	0.1
	2023/01/20 13:00	3.3	205	0	0.3
	2023/01/20 15:00	3.8	202	0	0.3
	2023/01/20 16:00	1.7	198	0	0.4
	2023/01/20 17:00	1.9	198	0	0.3
	2023/01/20 19:00	1.8	177	0	0.6
	2023/01/20 20:00	2	183	0	0.5
	2023/01/20 21:00	2.4	197	0	0.5
	2023/01/20 22:00	2.1	195	0	0.5
	2023/01/21	2.6	193	0	0.9
	2023/01/21 01:00	2.6	192	0	1
	2023/01/21 02:00	2.8	193	0	1.4
	2023/01/21 04:00	2	194	0	0.5
	2023/01/21 05:00	2.6	195	0	0.2
	2023/01/21 06:00	3.2	195	0	0.2
	2023/01/21 08:00	2.4	195	0	0.4

	2023/01/21 09:00	2.3	195	0	0.2
	2023/01/21 10:00	2.9	194	0	0.4
	2023/01/21 12:00	1.8	188	0	0.7
	2023/01/21 13:00	1.4	186	0	0.7
	2023/01/21 14:00	4.3	189	0	0.1
	2023/01/21 15:00	6	178	0	0.1
	2023/01/21 17:00	0.9	167	0	1.8
	2023/01/21 18:00	0	169	0	1.8
	2023/01/21 19:00	0	170	0	1.1
	2023/01/21 21:00	0.6	170	0	0.6
	2023/01/21 22:00	0.4	177	0	0.3
	2023/01/21 23:00	1.1	178	0	0.3
	2023/01/22	2.2	148	0	0.4
	2023/01/22 16:00	2	189	0	1.7
	2023/01/22 17:00	2.8	177	0	0.2
	2023/01/22 18:00	3.4	176	0	0.2
	2023/01/22 19:00	3.3	177	0	0.2
	2023/01/22 20:00	1.9	196	0	0.2
	2023/01/22 21:00	2.7	199	0	0.1
	2023/01/22 22:00	2.9	200	0	0.3
	2023/01/22 23:00	3.3	198	0	0.3
	2023/01/23	1.9	195	0	0.5
	2023/01/23 01:00	1.7	194	0	0.5
	2023/01/23 03:00	1.7	184	0	0.5
	2023/01/23 04:00	2.1	188	0	0.3
	2023/01/23 05:00	1.5	193	0	0.4
	2023/01/23 07:00	1.7	194	0	0.4
	2023/01/23 08:00	2.8	195	0	1
	2023/01/23 09:00	4	196	0	0.6
	2023/01/23 11:00	8.1	197	0	0.1
	2023/01/23 12:00	3.4	187	0	1.4
	2023/01/23 13:00	3.4	176	0	1.9
	2023/01/23 14:00	3.2	175	0	2
	2023/01/23 15:00	2	183	0	2
	2023/01/23 16:00	1.6	174	0	0.7
	2023/01/23 18:00	1.5	168	0	0.5
	2023/01/23 19:00	1.8	176	0	0.6
	2023/01/23 20:00	1.2	169	0	0.5
	2023/01/23 22:00	0	164	0	0.2

	2023/01/23 23:00	0	170	0	0.3
	2023/01/24 01:00	1.9	173	0	0.5
	2023/01/24 02:00	2.4	163	0	0.7
	2023/01/24 07:00	0.5	178	0	0.4
	2023/01/24 08:00	2.2	195	0	0.3
	2023/01/24 09:00	3.4	204	0	0
	2023/01/24 10:00	5.9	199	0	0
	2023/01/24 11:00	8.2	203	0	0
	2023/01/24 12:00	3.3	182	0	0.4
	2023/01/24 13:00	2.2	186	0	1.3
	2023/01/24 14:00	0.6	173	0	2.1
	2023/01/24 15:00	0	188	0	1.1
	2023/01/24 17:00	0.9	189	0	0.4
	2023/01/24 18:00	0.7	182	0	0.5
	2023/01/24 19:00	0.3	188	0	0.6
	2023/01/24 21:00	2	196	0	0.7
	2023/01/24 22:00	2.1	185	0	0.7
	2023/01/24 23:00	1.7	201	0	1
	2023/01/25	2.3	188	0	0.9
	2023/01/25 07:00	0.3	187	0	0.6
	2023/01/25 08:00	2.8	195	0	0.5
	2023/01/25 09:00	3.7	192	0	0.7
	2023/01/25 10:00	4.6	191	0	0.4
	2023/01/25 11:00	6.2	196	0	0.5
	2023/01/25 12:00	2.4	205	0	0.4
	2023/01/25 13:00	1.8	211	0	0.5
	2023/01/25 14:00	1.6	218	0	0.5
	2023/01/25 15:00	1.4	206	0	0.5
	2023/01/25 16:00	2.4	217	0	1
	2023/01/25 18:00	0.7	189	0	0.9
	2023/01/25 19:00	0.4	189	0	1.3
	2023/01/25 20:00	1.7	188	0	1.1
	2023/01/25 21:00	2.2	183	0	0.2
	2023/01/25 23:00	1.5	208	0	0.3
	2023/01/26	2.2	187	0	0.1
	2023/01/26 02:00	3.2	185	0	0.2
	2023/01/26 03:00	5.9	161	0	0.4
	2023/01/26 04:00	3.4	190	0	1
	2023/01/26 05:00	2.2	202	0	1.2

	2023/01/26 07:00	2.4	183	0	1.2
	2023/01/26 08:00	2.3	185	0	0.4
	2023/01/27 07:00	0.9	208	0	0
	2023/01/27 08:00	3.4	182	0	1.1
	2023/01/27 09:00	4.2	178	0	1.3
	2023/01/27 16:00	2.9	211	0	0.6
	2023/01/27 17:00	4	208	0	1
	2023/01/27 18:00	4.4	203	0	0.8
	2023/01/27 19:00	4.5	196	0	1
	2023/01/27 20:00	2.6	201	0	0.8
	2023/01/27 21:00	1.8	192	0	0.5
	2023/01/27 22:00	1.6	197	0	0.4
	2023/01/27 23:00	1.2	188	0	0.5
	2023/01/28	2.6	193	0	1.2
	2023/01/28 01:00	3.4	190	0	1.5
	2023/01/28 02:00	3.6	195	0	1.2
	2023/01/28 04:00	1.5	197	0	2
	2023/01/28 05:00	0.8	195	0	0
	2023/01/28 06:00	0.8	186	0	0.3
	2023/01/28 08:00	1.9	202	0	0.3
	2023/01/28 09:00	2.5	204	0	0
	2023/01/28 10:00	4.2	207	0	0
	2023/01/28 20:00	2.1	202	0	0.6
	2023/01/28 21:00	2.6	201	0	0.5
	2023/01/28 22:00	6.2	153	0	0.7
	2023/01/29 09:00	1.5	186	0	0.5
	2023/01/29 10:00	3	206	0	0
	2023/01/29 11:00	4.8	225	0	0.5
	2023/01/29 12:00	2.8	231	0	0.2
	2023/01/29 13:00	2.8	224	0	0.3
	2023/01/29 14:00	2.7	212	0	0.5
	2023/01/29 15:00	3	199	0	0.2
	2023/01/29 16:00	1.8	208	0	0.3
	2023/01/29 17:00	1	192	0	0.2
	2023/01/29 19:00	1.1	194	0	0.3
	2023/01/29 20:00	1.7	189	0	0.8
	2023/01/29 21:00	1.4	193	0	0.7
	2023/01/30 07:00	1.7	221	0	0.7
	2023/01/30 08:00	2.9	184	0	0.6

	2023/01/30 09:00	4.3	206	0	0
	2023/01/30 10:00	5.4	227	0	0
	2023/01/30 11:00	6.2	213	0	0.1
	2023/01/30 12:00	2.9	204	0	1
	2023/01/30 13:00	3	206	0	0.6
	2023/01/30 14:00	3.2	201	0	0.7
	2023/01/30 15:00	3.2	200	0	0.8
	2023/01/30 16:00	2.7	199	0	0.5
	2023/01/30 18:00	1.8	191	0	0.5
	2023/01/30 19:00	2.2	190	0	0.5
	2023/01/30 20:00	2	179	0	1.1
	2023/01/30 22:00	1.2	178	0	1.7
	2023/01/30 23:00	1	185	0	1.5
	2023/01/31	1.8	201	0	1.4
	2023/01/31 02:00	1.7	207	0	0.3
	2023/01/31 03:00	1.2	203	0	0.4
	2023/01/31 04:00	2.4	197	0	0.5
	2023/01/31 06:00	2.4	197	0	0.4
	2023/01/31 07:00	1.4	184	0	0.4
	2023/01/31 08:00	2.2	179	0	0.5
	2023/01/31 10:00	5.4	174	0	0
	2023/01/31 11:00	5.8	184	0	0
	2023/01/31 12:00	2.5	178	0	0.7
	2023/01/31 13:00	2.4	183	0	0.6
	2023/01/31 15:00	2.3	191	0	0.7
	2023/01/31 16:00	2.1	193	0	0.6
	2023/01/31 17:00	2.1	183	0	0.6
	2023/01/31 19:00	1.7	181	0	0.9
	2023/01/31 20:00	1.7	178	0	0.6
	2023/01/31 22:00	2.9	141	0	0.4
	2023/01/31 23:00	3.1	154	0	0.4
<b>Unit 22</b>	2023/01/05 19:00	0.9	204	0	1.1
	2023/01/05 20:00	1.3	209	0	0.3
	2023/01/05 21:00	1.3	217	0	0.4
	2023/01/05 22:00	1.6	196	0	0.5
	2023/01/06 11:00	1.7	212	0.1	3.2
	2023/01/06 12:00	2.6	214	0	1.8

	2023/01/06 18:00	1.8	208	0	0.2
	2023/01/06 19:00	1.1	207	0.1	0.1
	2023/01/06 20:00	2.5	220	0	1
	2023/01/06 21:00	2.7	214	0	1
	2023/01/09 16:00	1.9	211	0.1	0.9
	2023/01/09 17:00	1.2	211	0	0.5
	2023/01/09 18:00	1.2	215	0	0.5
	2023/01/09 19:00	1.3	213	0	0.5
	2023/01/09 20:00	2.4	220	0	1.8
	2023/01/09 21:00	2.3	222	0	1.7
	2023/01/09 22:00	2.4	221	0	1.8
	2023/01/09 23:00	2.5	223	0	2
	2023/01/10	2.5	222	0	1.2
	2023/01/10 01:00	2.7	222	0	1.2
	2023/01/10 03:00	4.7	163	0	0.7
	2023/01/10 04:00	5.2	163	0	2.5
	2023/01/10 05:00	2.4	220	0	2
	2023/01/10 14:00	1.9	223	0	1.8
	2023/01/10 15:00	0.9	221	0.1	0.4
	2023/01/10 16:00	2	227	0	1.4
	2023/01/10 17:00	2.1	227	0	1.6
	2023/01/10 18:00	1.7	212	0	1.3
	2023/01/10 19:00	1.8	205	0	1.3
	2023/01/10 20:00	2.4	206	0	1.6
	2023/01/10 21:00	2.4	208	0.1	1.8
	2023/01/10 22:00	4.6	200	0	1.7
	2023/01/10 23:00	2.6	206	0	1.9
	2023/01/11	3.1	205	0	1.2
	2023/01/11 12:00	18.1	234	0	0.9
	2023/01/11 13:00	18.7	216	0	0.7
	2023/01/11 14:00	16.9	214	0	0.9
	2023/01/11 15:00	18.1	214	0	1
	2023/01/11 16:00	20.4	215	0	1.8
	2023/01/11 17:00	17.9	211	0	1.8
	2023/01/11 18:00	19.4	209	0	1.7
	2023/01/11 19:00	21.6	209	0	1.8
	2023/01/11 20:00	20.4	209	0	1.6
	2023/01/11 21:00	22.6	207	0	1.6
	2023/01/11 22:00	24.6	208	0	1.6

	2023/01/12	16.1	220	0	2
	2023/01/12 01:00	16	221	0	2.3
	2023/01/12 02:00	15.4	220	0	2.3
	2023/01/12 03:00	15.4	220	0	2.3
	2023/01/12 05:00	15.1	217	0	1.6
	2023/01/16 15:00	33.6	210	0.1	1.4
	2023/01/16 16:00	36.1	198	0	1.1
	2023/01/16 17:00	39.9	192	0	0.9
	2023/01/16 18:00	37.4	198	0	0.9
	2023/01/16 19:00	39.9	204	0	1
	2023/01/16 20:00	40.2	203	0	1.2
	2023/01/16 21:00	40.4	202	0	1.5
	2023/01/16 22:00	40.6	202	0	1.1
	2023/01/16 23:00	41.6	203	0	1.6
	2023/01/17	42.3	203	0	2.1
	2023/01/18 19:00	53.2	153	0.1	0.7
	2023/01/18 20:00	52.6	154	0	1.5
	2023/01/18 21:00	51.8	157	0	1.6
	2023/01/18 22:00	51.5	157	0.1	1.5
	2023/01/18 23:00	53.1	155	0	1.7
	2023/01/19	53.9	154	0.1	1.2
	2023/01/19 01:00	52.9	154	0	1.1
	2023/01/19 02:00	52.4	153	0.1	1
	2023/01/19 04:00	40	168	0	1.3
	2023/01/19 05:00	40.4	170	0.1	1.9
	2023/01/19 06:00	40.3	170	0	1.9
	2023/01/23 07:00	3.7	146	0	0.6
	2023/01/23 08:00	2.6	155	0	0.8
	2023/01/23 09:00	3.7	143	0	1.1
	2023/01/23 10:00	3.6	145	0	1.7
	2023/01/23 11:00	3.7	154	0	2.1
	2023/01/23 12:00	2.8	155	0.1	1.4
	2023/01/23 13:00	3.6	148	0.1	2.3
	2023/01/23 14:00	4	145	0.1	2.8
	2023/01/23 15:00	3.7	158	0.1	2.8
	2023/01/23 16:00	2.1	142	0	0.7
	2023/01/23 18:00	2.8	141	0	0
	2023/01/23 19:00	1.4	147	0	0
	2023/01/23 20:00	2.4	150	0	0.7



	2023/01/23 22:00	4.1	139	0	0.5
	2023/01/23 23:00	2.1	152	0	0.5
	2023/01/24 01:00	4.4	161	0	0.9
	2023/01/24 02:00	6.1	151	0	0.7
	2023/01/24 07:00	4	150	0	1.8
	2023/01/24 08:00	3.2	160	0.1	0.8
	2023/01/24 09:00	2.4	166	0	1.1
	2023/01/24 10:00	2.7	160	0	1.4
	2023/01/24 11:00	3.7	164	0	3.1
	2023/01/24 12:00	3.1	148	0	1.5
	2023/01/24 13:00	3.4	155	0	2.1
	2023/01/24 14:00	4.6	145	0.1	2.1
	2023/01/24 15:00	2.6	165	0	1.1
	2023/01/24 17:00	3.3	170	0	1.5
	2023/01/24 18:00	5.8	157	0	1.2
	2023/01/24 19:00	4.2	171	0	1.2
	2023/01/24 20:00	5.6	163	0.1	1
	2023/01/24 22:00	6.5	155	0	1
	2023/01/24 23:00	4.2	175	0	1.1
	2023/01/25	3.6	171	0	0.7
	2023/01/25 02:00	2.2	180	0	0.7
	2023/01/25 03:00	3.4	171	0	0.6
	2023/01/25 05:00	6	165	0	1.5
	2023/01/25 06:00	4.1	163	0.1	0.9
	2023/01/25 07:00	6	157	0	0.9
	2023/01/25 09:00	3.5	159	0	0.4
	2023/01/25 10:00	3.5	157	0	0.7
	2023/01/25 11:00	3.3	162	0	1.3
	2023/01/25 12:00	2.4	182	0	1
	2023/01/25 14:00	2.2	186	0	0.9
	2023/01/25 15:00	2.6	176	0	1.7
	2023/01/25 16:00	2.2	183	0	0.6
	2023/01/25 17:00	2.8	165	0	0.2
	2023/01/25 19:00	5.8	163	0	0.2
	2023/01/25 20:00	4.3	160	0	1.1
	2023/01/25 21:00	5.8	156	0	1.4
	2023/01/25 23:00	1.8	182	0	1.1
	2023/01/26	3	173	0	0.5
	2023/01/26 01:00	3.9	173	0	0.6

	2023/01/26 03:00	7.2	152	0	1.1
	2023/01/26 04:00	3.9	175	0	0.5
	2023/01/26 05:00	2.4	185	0	0.7
	2023/01/26 07:00	5.2	161	0	0.5
	2023/01/26 08:00	4.8	167	0	0.5
	2023/01/27 07:00	2.3	172	0	1.4
	2023/01/27 08:00	3.4	146	0	0.7
	2023/01/27 09:00	9.4	145	0	1
	2023/01/27 18:00	1.9	154	0	0.9
	2023/01/27 19:00	1.6	142	0	0.4
	2023/01/27 20:00	2.6	162	0	1.1
	2023/01/27 21:00	2.5	150	0	0.7
	2023/01/27 22:00	2.3	157	0	0.8
	2023/01/27 23:00	3.2	151	0	0.9
	2023/01/28	2.3	160	0	0.7
	2023/01/28 01:00	2.4	153	0	0.6
	2023/01/28 02:00	2.4	161	0	0.8
	2023/01/28 04:00	2.2	167	0	0.6
	2023/01/28 05:00	2	168	0	0.6
	2023/01/28 06:00	5.1	152	0	0.6
	2023/01/28 08:00	2.8	180	0	1.3
	2023/01/28 09:00	2.6	169	0	1
	2023/01/28 10:00	3.4	173	0	2.1
	2023/01/28 20:00	2.5	171	0	0.5
	2023/01/28 21:00	3.3	168	0	0.4
	2023/01/28 22:00	6.6	137	0	0.5
	2023/01/29 09:00	3.8	165	0	1.5
	2023/01/29 15:00	2.3	193	0	1.8
	2023/01/30 10:00	2.4	190	0	2.8
	2023/01/30 11:00	2.8	181	0	3.4
	2023/01/30 12:00	2.1	177	0	0.8
	2023/01/30 13:00	2.1	179	0	0.4
	2023/01/30 14:00	2.2	173	0	0.4
	2023/01/30 15:00	2.3	172	0	0.6
	2023/01/30 16:00	2.1	168	0	0.5
	2023/01/30 17:00	2.3	160	0	0.8
	2023/01/30 18:00	2.4	160	0	0.7
	2023/01/30 20:00	2.2	159	0	1.9
	2023/01/30 21:00	1.4	164	0	1.1

	2023/01/30 22:00	1.8	156	0	1
	2023/01/31	2	184	0	0.6
	2023/01/31 01:00	3	168	0	0.6
	2023/01/31 02:00	2.4	177	0	0.6
	2023/01/31 03:00	1.8	181	0	0.7
	2023/01/31 04:00	3.6	167	0	1.9
	2023/01/31 06:00	2.3	170	0	2.3
	2023/01/31 07:00	4.1	156	0	2.4
	2023/01/31 08:00	4.5	156	0	1.3
	2023/01/31 09:00	4.3	159	0	2.9
	2023/01/31 11:00	3.7	154	0	3
	2023/01/31 12:00	4.4	160	0	1.5
	2023/01/31 13:00	3.1	162	0	1.7
	2023/01/31 14:00	3.9	162	0	1.8
	2023/01/31 16:00	3.7	167	0	0.8
	2023/01/31 17:00	2.9	157	0	0.5
	2023/01/31 19:00	1.6	159	0	0.1
	2023/01/31 20:00	2.3	159	0	0.7
	2023/01/31 21:00	2.6	154	0	0.7
<b>Total Emission mass (tons)</b>					
		10.262	197.485	0	0.965

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

Unit	Hours operating under normal operation	Hours of start-up and shut-down	Total
11	286	101	387
12	287	96	383
13	222	79	301
21	308	96	404
22	181	66	247
Total	1284	438	1722

Table 5: Monitoring Equipment-Continuous Emission Monitoring System (CEMS) availability

Associated Unit/Stack	Technology Type	Actual Utilisation (%) for the month
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 2023 in mg/Nm<sup>3</sup>

Unit	NO <sub>x</sub>	SO <sub>2</sub>
11	133.82	2.60
12	146.79	2.76
13	113.45	3.13
21	164.70	1.35
22	153.35	2.09

#### 4. Comments on the performance and availability of each unit

- All 5 units were available to generate power for the month of January 2023
- **Leak Detection and Repair programme-** No leaks were reported during January 2023.

5. **Load Factor:** 36.87%

#### 6. Complaints Register

Table 7: Complaints

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

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

For any related queries, please do not hesitate to contact me on 021 573 6162

Yours sincerely



*Pamela Mrubata*  
**GOURIKWA POWER STATION**