

香港電燈有限公司
The Hongkong Electric Co., Ltd.



**Lamma Power Station
Units L2, L4 & L5 Flue Gas Desulphurization
Plants Retrofit**

Operational Phase

Quarterly Environmental Monitoring & Audit Report

January – March 2024

香港電燈有限公司
The Hongkong Electric Co., Ltd.



ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMITS NO. EP-248/2006 & EP-287/2007

**LAMMA POWER STATION
UNITS L2, L4 & L5 FLUE GAS DESULPHURIZATION PLANTS RETROFIT**

**ENVIRONMENTAL MONITORING & AUDIT PROGRAMME
AT OPERATIONAL PHASE**


Report Title	Quarterly EM&A Report (January to March 2024)
Date	27 June 2024
Certified by	 (Mr. CHAN Hon Yeung, Environmental Team Leader)

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EXECUTIVE SUMMARY

This is the quarterly Environmental Monitoring and Audit (EM&A) report for the Projects “Lamma Power Station Units L4 & L5 Flue Gas Desulphurization Plant Retrofit” and “Lamma Power Station Unit L2 Flue Gas Desulphurization Plant Retrofit” prepared by the Environmental Team (ET). This report presents the results of impact monitoring on air and water quality and environmental audit for the operation of the said projects in the period from January to March 2024.

Environmental monitoring for air quality and water quality were carried out for the purpose of this EM&A program as well as for fulfilling the requirements stipulated in the relevant licences. The results were checked against the established Action/Limit (AL) levels. The implementation status of the environmental mitigation measures, Event/Action Plan and environmental complaint handling procedures were also checked.

Plant Availability

Unit L5 was taken out of service during the following periods:

Unit	Period	Remarks
L5	01/01/2024 19:41 to 02/01/2024 08:29	Boiler plant defect rectification
L5	09/01/2024 20:53 to 15/01/2024 11:32	CW Plant Defect rectification

Unit L2 and Unit L4 retired in October 2022 and January 2024 respectively.

Malfunction/Outage Records of Pollution Control Equipment

There were no major/minor outages of the Pollution Control Equipment during the reporting period.

Environmental Monitoring Works

Environmental monitoring works were performed during the operation of Units L2, L4 and L5 FGD Plants in the reporting period.

Air Quality

No exceedance of Action and Limit levels for air quality were recorded in the reporting period.

Water Quality

No exceedance of Action and Limit levels for water quality were recorded in the reporting period.

Environmental Licensing and Permitting

Description	Permit / Licence No.	Valid Period		Issued To	Date of Issuance
		From	To		
Environmental Permit for L4/5 FGD plants retrofit project	EP-248/2006	25/04/2006	-	HK Electric	25/04/2006
Environmental Permit for Unit L2 FGD plant retrofit	EP-287/2007	02/10/2007	-	HK Electric	02/10/2007

Description	Permit / Licence No.	Valid Period		Issued To	Date of Issuance
		From	To		
project					
Specified Process Licence issued under APCO	L-7-002(14)	01/01/2023	31/12/2024	HK Electric	30/12/2022
WPCO discharge licence for Ash Lagoon	WT00039618-2021	11/02/2022	31/12/2026	HK Electric	11/02/2022

Implementation Status of Environmental Mitigation Measures

Environmental mitigation measures were implemented in the reporting period.

Environmental Complaints / Feedback Cases

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Section 4.6. The reported issue was not specifically related to the project and was satisfactorily addressed.

Future key issues

Key issues to be considered in the coming months include:

Air Impact

- To continuously carry out the air quality monitoring for Units L2 & L4 (if emergency operation is required) and L5.

Water Impact

- To continuously carry out the water quality monitoring for FGD WWT plant.

Concluding Remarks

The environmental performance of the projects was generally satisfactory.

1. INTRODUCTION

The Environmental Team (hereinafter called the “ET”) was formed within The Hongkong Electric Co. Ltd (HK Electric) to undertake Environmental Monitoring and Audit for the “Operation of Lamma Power Station Units L4 & L5 Flue Gas Desulphurization Plant Retrofit Project” under the requirements of Clause 2.18 of Environmental Permit (EP) No. EP-248/2006 and “Operation of Lamma Power Station Unit L2 Flue Gas Desulphurization Plant Retrofit Project” under the requirements of Clause 2.10 of Environmental Permit (EP) No. EP-287/2007.

This report summarizes the environmental monitoring and audit work for the said Projects for the period from January to March 2024.

1.1 Background

The Projects involves retrofitting the three existing coal-fired generating Units L2, L4 and L5 of Lamma Power Station with Flue Gas Desulphurisation (FGD) plants for reducing sulphur dioxide emissions in support of Government policy to improve the air quality of the Pearl River Delta.

The Projects include the installation and operation of FGD plants with flue gas desulphurization efficiency of 90% for the three coal-fired Units L2, L4 & L5 to reduce the overall SO₂ emissions from Lamma Power Station. The process adopted for the FGD plants is “Wet Limestone-Gypsum”, a technology which has already been used in, and proved effective and reliable for the existing coal-fired units L6, L7 & L8. The flue gas from the boiler is directed to the FGD absorber inside which removal of SO₂ is take place by reaction with limestone slurry. After passing through the absorber, the treated flue gas is heated up by a gas-gas heater to over 80°C at boiler rated capacity and directed back to the existing chimney for discharge to the atmosphere. [Figure 1.1a](#), [Figure 1.1b](#), [Figure 1.2a](#), [Figure 1.2b](#) and [Figure 1.3](#) show the location and schematic of the FGD plants.

Wastewater filtrated from the reacted limestone slurry, i.e. gypsum slurry, is produced and it is directed to the existing FGD wastewater treatment plant (WWTP). The FGD WWTP is designed to treat the effluent from FGD plants by alkalization, precipitation and neutralization processes. The schematic diagram of the FGD WWTP is illustrated in [Figure 1.4](#).

The additional equipment for the FGD Plants retrofit projects for Units L2, L4 and L5 includes:

- Three sets of FGD absorbers and associated ductworks
- Three sets of booster fans
- Three sets of gas-gas heaters
- Two FGD Switchgear and Equipment Buildings
- Gypsum dewatering system comprising two sets of hydrocyclones and belt filters

1.2 Project Organisation

The management structure to oversee the Projects includes the following:

- Environmental Protection Department (The Authority);
- General Manager (Corporate Development) (The official contact person between HK Electric and EPD);
- Environmental Team Leader (ET Leader);

- Environmental Team (ET).

The organization chart for the Operation EM&A programme is shown in [Figure 1.5](#).

1.3 Plant Availability during the Reporting Period

Unit L5 was taken out of service during the following periods:

Unit	Period	Remarks
L5	01/01/2024 19:41 to 02/01/2024 08:29	Boiler plant defect rectification
L5	09/01/2024 20:53 to 15/01/2024 11:32	CW Plant Defect rectification

Unit L2 and Unit L4 retired in October 2022 and January 2024 respectively.

1.4 Malfunction/Outage Records of Pollution Control Equipment

Equipment	Period	Cause	Actions Taken
L5 FGD	01:45 on 03/03/2024 to 01:49 on 03/03/2024	Routine dampers exercise	EPD (Air Management) was informed on 03/04/2024

1.5 Summary of EM&A Requirements

Environmental Monitoring and Audit (EM&A) requirements have been discussed in the Environmental Impact Assessment (EIA) Report/ Project Profile for the Projects. The assessment results indicate that environmental monitoring works required for the EM&A programmes of these Projects are already in place or would be implemented under Lamma Power Station Extension Environmental Permit or environmental licenses for the operation of the existing Lamma Power Station. Such monitoring works are considered adequate for the Projects and no additional EM&A activities are required. Hence, environmental monitoring for air quality and water quality are carried out for the purpose of this EM&A program as well as for fulfilling the requirements stipulated in the relevant licences.

The EM&A monitoring work for air and water quality are described in [Section 2](#) and [Section 3](#) respectively.

The following environmental audits are summarized in [Section 4](#) of the report:

- Environmental monitoring results;
- The status of environmental licensing and permits for the Projects;
- The implementation status of environmental protection and pollution control / mitigation measures.

The future key issues for the Projects will be reported in [Section 5](#) of this report.

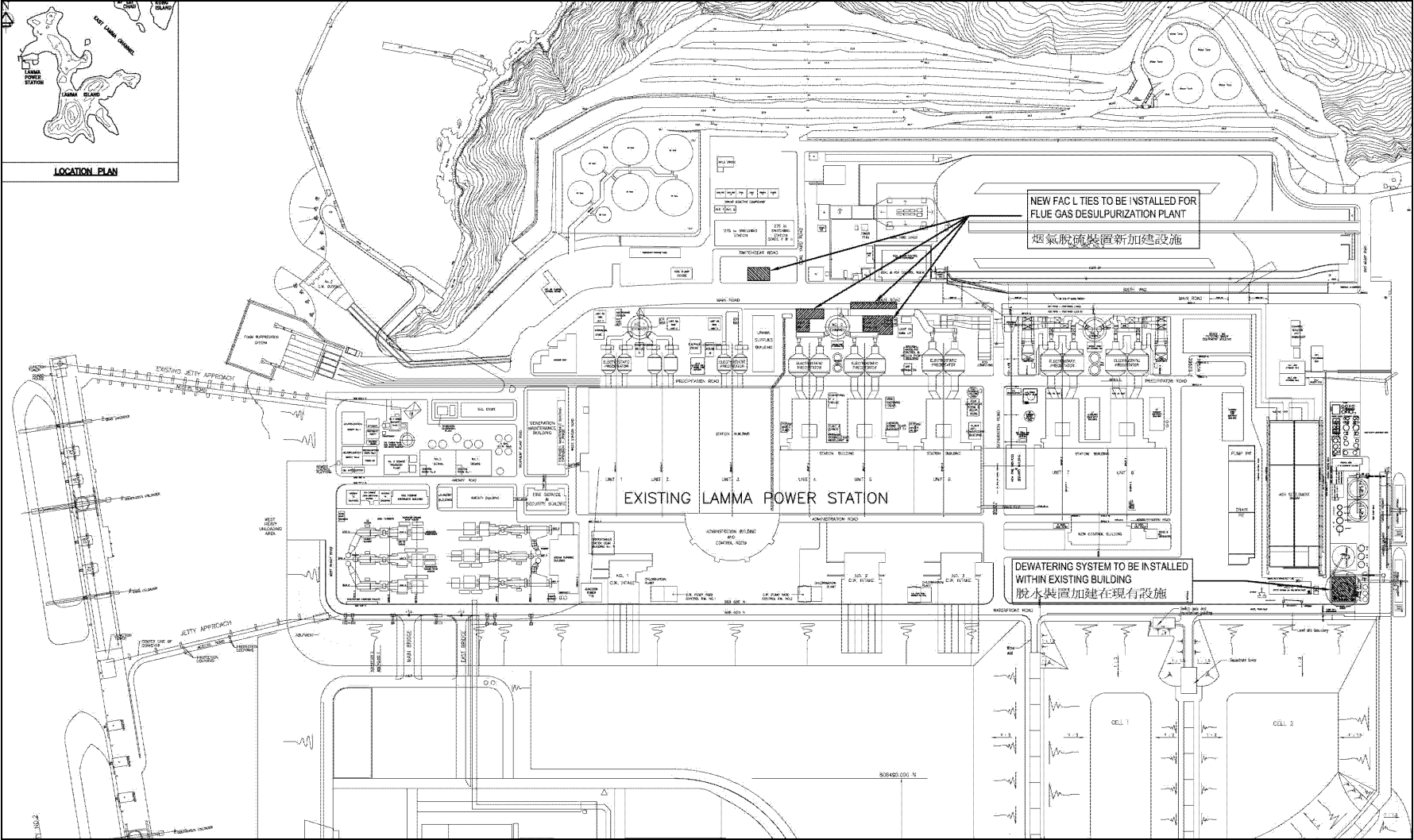


Figure 1.1a Location of New Facilities for L4 & L5 FGD Plants

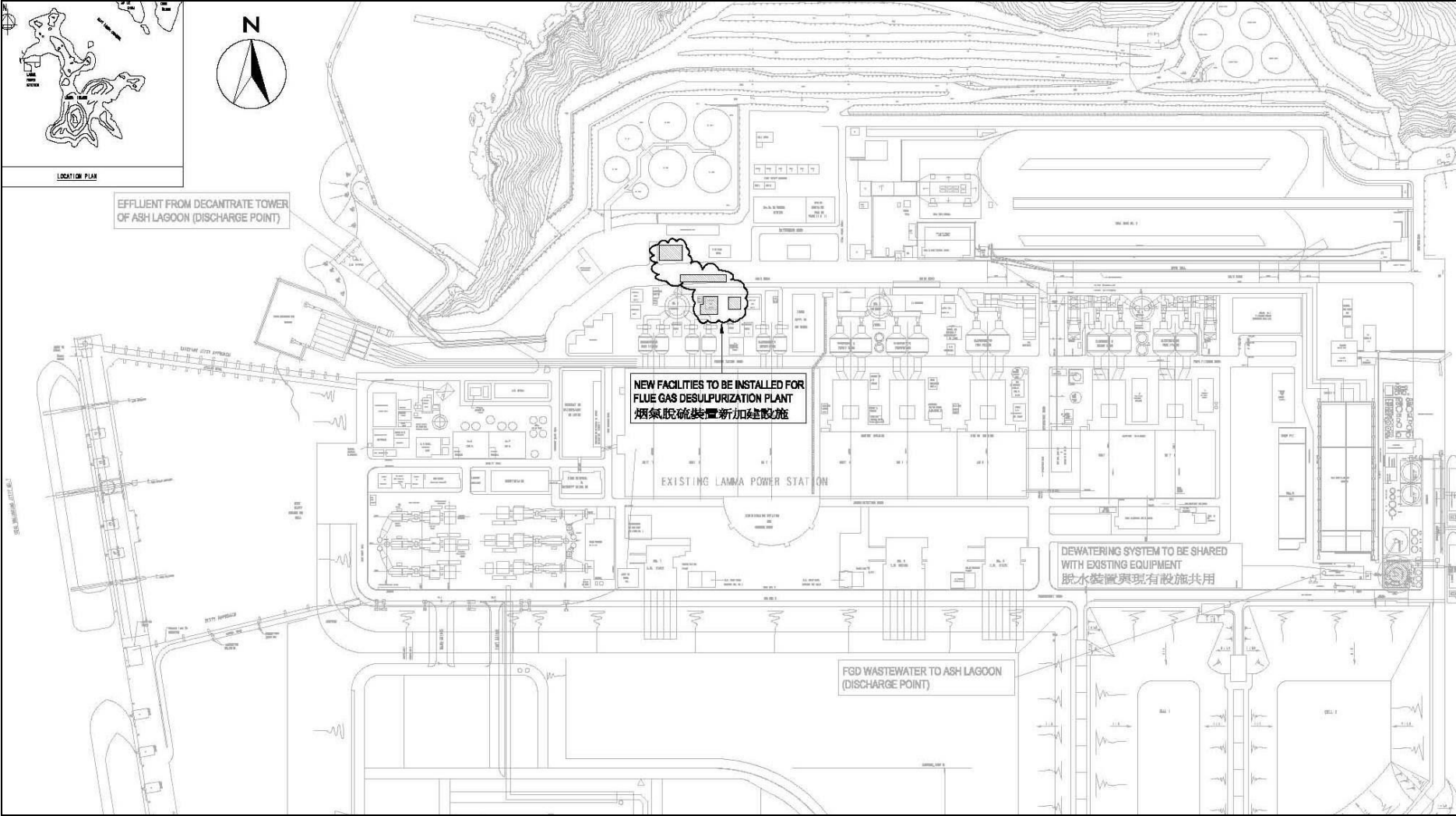


Figure 1.1b Location of New Facilities for L2 FGD Plant

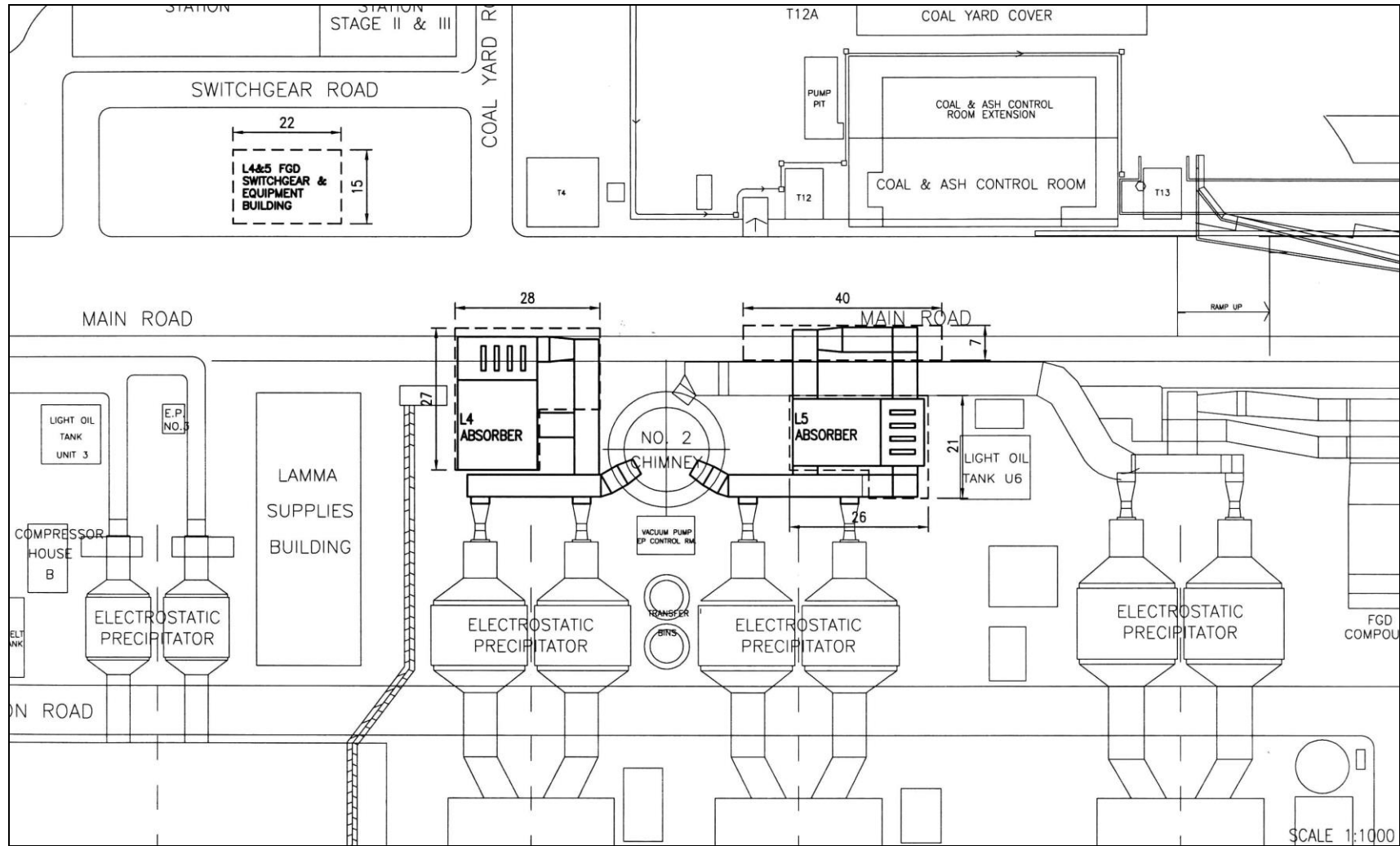


Figure 1.2a General Arrangement of L4 & L5 FGD Plants

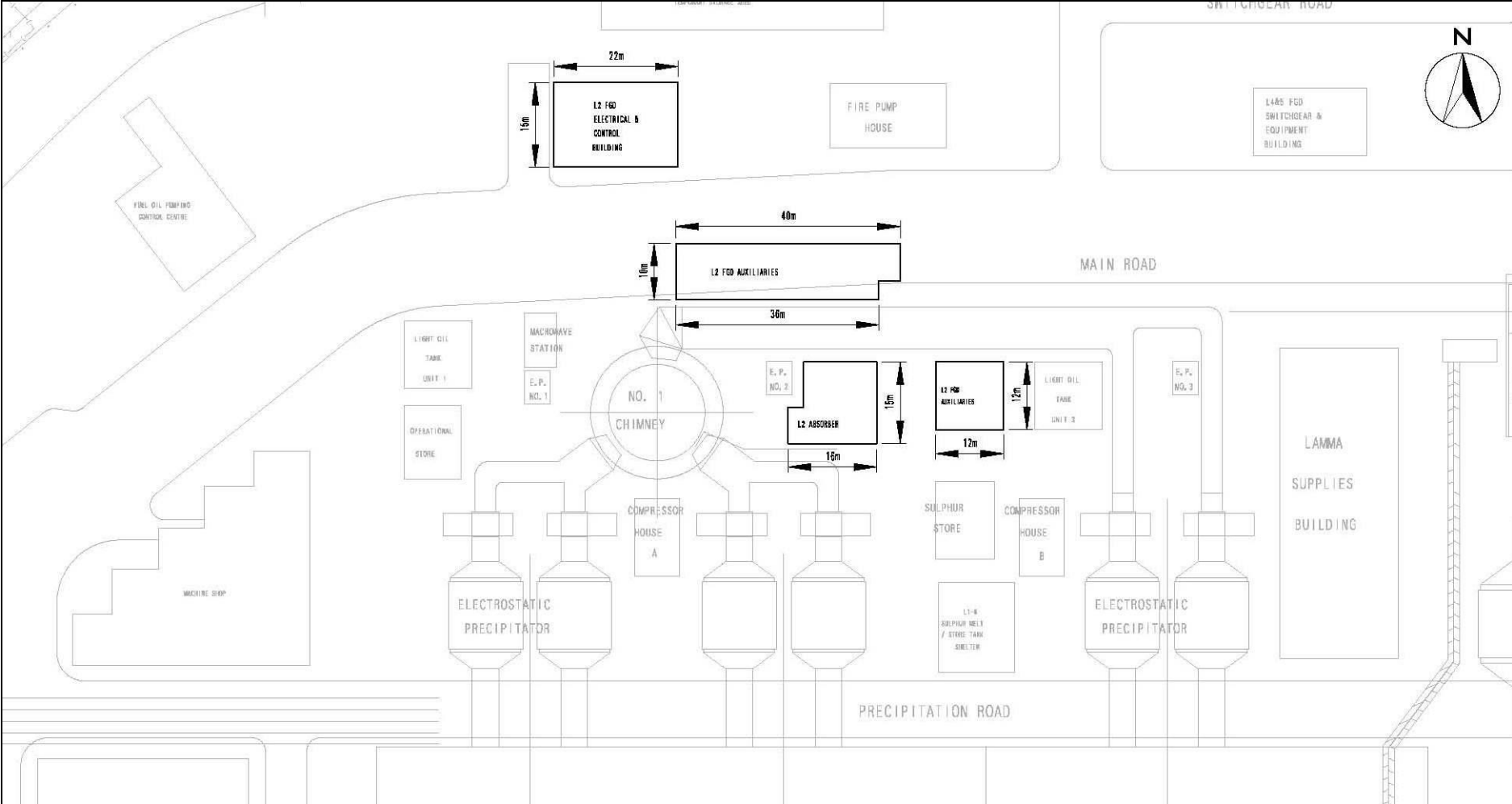


Figure 1.2b General Arrangement of L2 FGD Plant

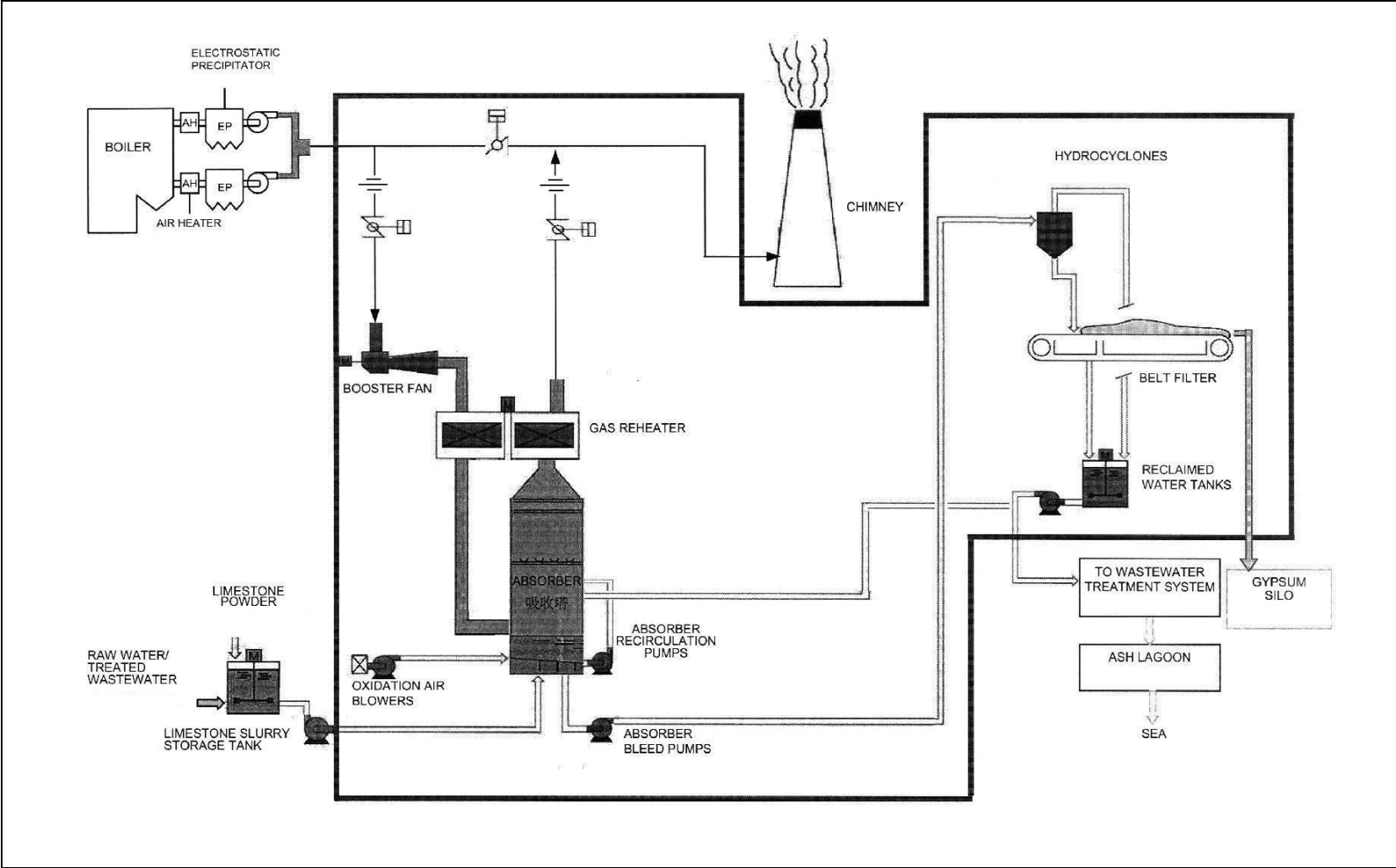


Figure 1.3 Schematic Diagram of the L2, L4 & L5 FGD Plant

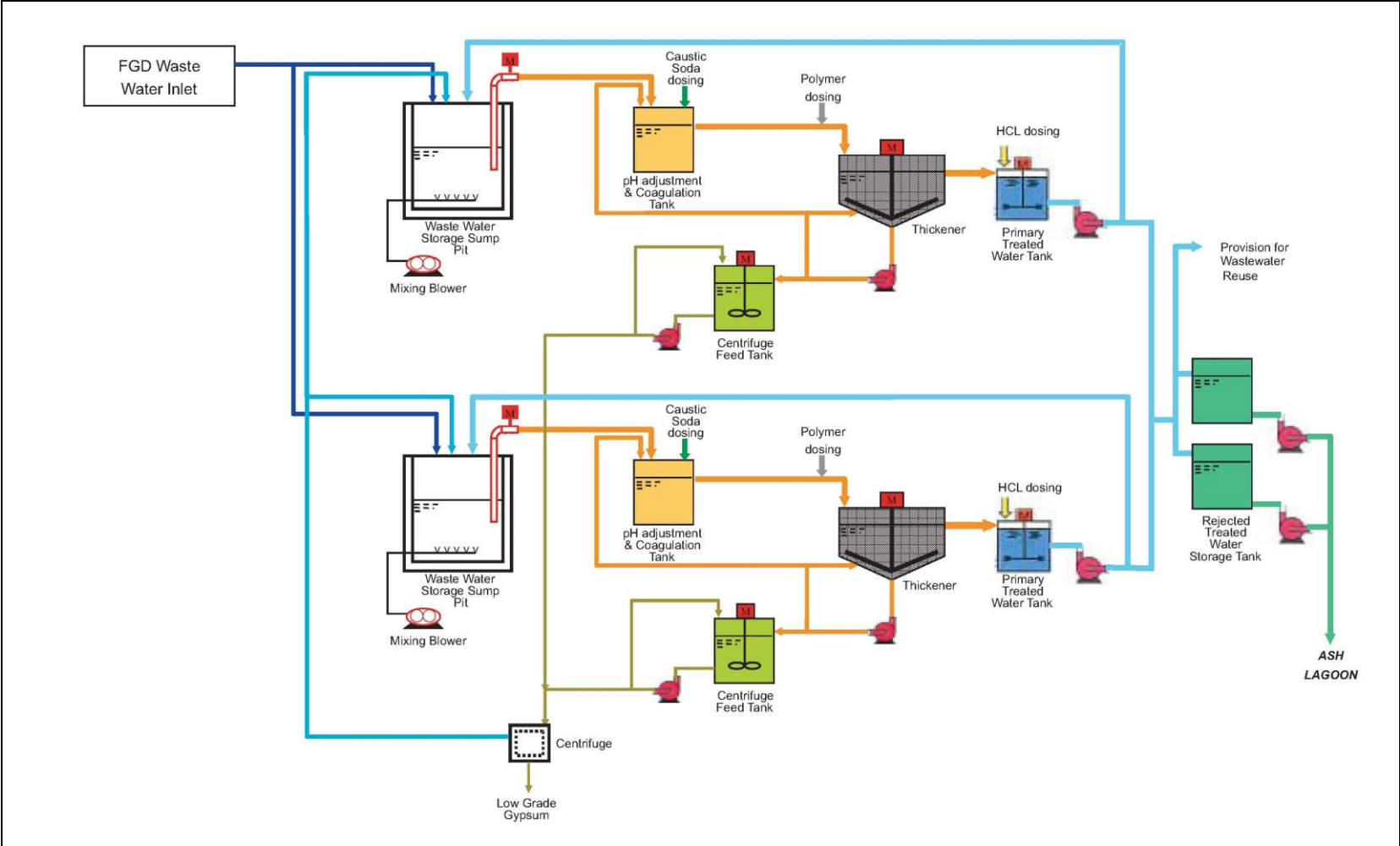


Figure 1.4 Simplified Schematic Diagram of FGD Wastewater Treatment Plant

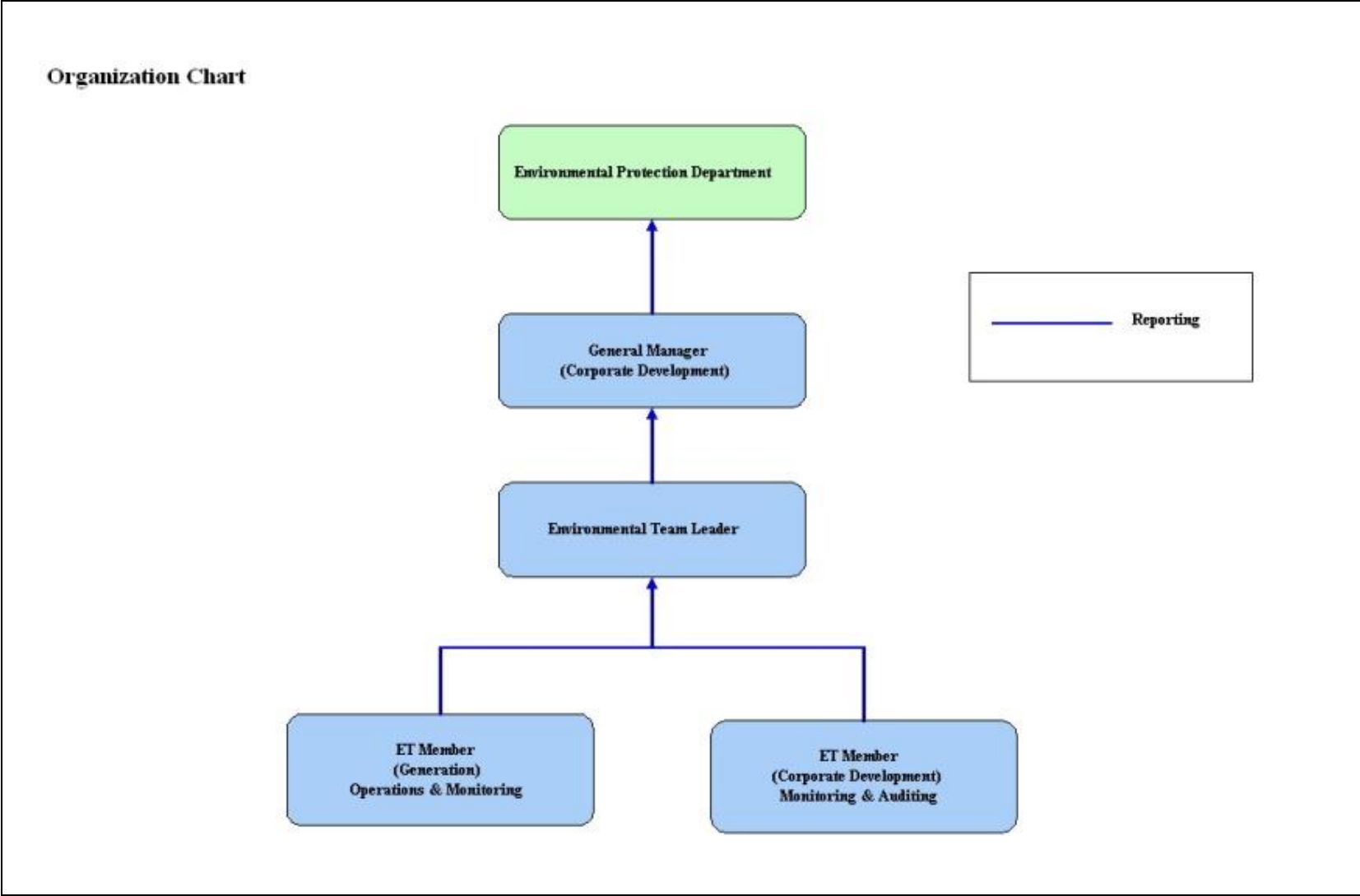


Figure 1.5 Organization Structure at Operational Phase of the Projects

2. AIR QUALITY

2.1 Monitoring Requirements

Since the Projects will bring a general air quality improvement, no additional EM&A activities are considered required, besides those already in place, such as those required by specified process licenses for the operation of the existing Lamma Power Station. Total Suspended Particulate (TSP) monitoring at East Gate and Reservoir area of Lamma Power Station is no longer required under the current SP Licence L-7-002(14). It is agreed with EPD that the results of continuous Respirable Suspended Particulate (RSP) monitoring at Lamma Power Station would be reported. In accordance with the requirements stipulated in the Specified Processes Licence issued under Air Pollution Control Ordinance, various operation parameters as stated in [Table 2.1](#) were monitored. Those parameters have to be checked against the Action/Limit Levels are shown in [Appendix A](#).

Table 2.1 Air Quality Monitoring Parameters and Frequency

Sources of Emission	Parameter	Frequency
Steam boilers L2, L4 & L5	Particulate	Once / year
	Particulate (Opacity)	Continuous
	SO ₂	Continuous
	NO _x expressed as NO ₂ (For L4 and L5 only)	Continuous
Fugitive Dust (Coal, PFA, Limestone, gypsum)	Respirable Suspended Particulate	Continuous
Chimney emissions	Ambient air	Continuous at existing ambient air monitoring stations
	SO ₂	
	NO ₂	

2.2 Summary of Results and Observations

Monitoring of various parameters as listed in [Table 2.1](#) above was conducted during the operation of Units L2, L4 and L5 in the reporting period. A summary of monitoring data is shown in [Appendix B](#).

No Action/Limit Level exceedance was recorded in the reporting period.

3. WATER QUALITY

3.1 Monitoring Requirements

According to the EIA Report/ Project Profile for the Projects, the current monitoring programme for the Lamma Power Station can cover the Projects and no additional EM&A measures are required besides those already in place. Hence, the EM&A work on water quality should strictly follow the relevant monitoring requirements stipulated in the discharge licence for Ash Lagoon issued under the Water Pollution Control Ordinance (WPCO).

Water quality monitoring was carried out for FGD Waste Water Treatment Plant (WWTP) in the reporting period. The parameters stated in [Table 3.1](#) were monitored and checked against the Action/Limit Levels as given in [Appendix A](#).

Table 3.1 Water Quality Monitoring Parameters and Frequencies

Item	Parameters	Frequencies
1	pH	Daily
2	Suspended Solids	Daily
3	Iron	Monthly
4	Barium	Monthly
5	Mercury	Monthly
6	Cadmium	Monthly
7	Cyanide	Monthly
8	Total Phosphorus	Monthly
9	Total Nitrogen	Monthly

3.2 Summary of Results and Observations

Monitoring of various parameters as listed in [Table 3.1](#) above was carried out during the discharge of the WWTP in the reporting period. A summary of the data is shown in [Appendix C](#).

The data recorded for the monitoring parameters were all below their corresponding Action/Limit Levels. No Action/Limit level exceedance was recorded in the reporting period. The effluent quality was generally satisfactory.

4. ENVIRONMENTAL AUDIT

4.1 Review of Environmental Monitoring Procedures

The environmental monitoring procedures were regularly reviewed by the Environmental Team. No modification to the existing monitoring procedures was recommended.

4.2 Assessment of Environmental Monitoring Results

Monitoring results for Air Quality and Water Quality

The environmental monitoring results for air quality and water quality are presented in [Sections 2 and 3](#) respectively are summarized in [Table 4.1](#).

Table 4.1 Summary of Action/Limit Level Exceedances on Monitoring Parameters

Item	Parameter Monitored	Monitoring Period	No. of Exceedances In		Event/Action Plan Implementation Status and Results
			Action Level	Limit Level	
Air					
1	Annual analysis of dust particulate emission rates at chimney stacks.	01/01/24-31/03/24	N.A.	0	No PM stack sampling tests were conducted in the reporting period.
2	Continuous monitoring of opacity, NOx, SO2 and CO2 in the flue gas at the chimney stacks	01/01/24-31/03/24	0	0	
3	Ambient SO2 & NOx monitoring at the Peak, Queen Mary Hospital, Victoria Road, Chung Hom Kok, Ap Lei Chau and Cheung Chau.	01/01/24-31/03/24	0	0	
Water					
1	pH in WWTP Effluent	01/01/24-31/03/24	0	0	
2	Suspended Solids in WWTP Effluent	01/01/24-31/03/24	0	0	

Item	Parameter Monitored	Monitoring Period	No. of Exceedances In		Event/Action Plan Implementation Status and Results
			Action Level	Limit Level	
3	Iron in WWTP Effluent	01/01/24-31/03/24	0	0	
4	Barium in WWTP Effluent	01/01/24-31/03/24	0	0	
5	Mercury in WWTP Effluent	01/01/24-31/03/24	0	0	
6	Cadmium in WWTP Effluent	01/01/24-31/03/24	0	0	
7	Cyanide in WWTP Effluent	01/01/24-31/03/24	0	0	
8	Total Phosphorus in WWTP Effluent	01/01/24-31/03/24	0	0	
9	Total Nitrogen in WWTP Effluent	01/01/24-31/03/24	0	0	

Waste Management Records

The quantity of FGD gypsum and sludge collected for reuse by contractor in the reporting period are shown in [Table 4.2](#).

Table 4.2 Amount of Gypsum and Sludge Collected for Reuse by Contractor

Period	Amount of Gypsum Collected	Amount of Sludge Collected
January 2024	3,911.62 MT	71.76 MT
February 2024	0 MT	0 MT
March 2024	1,992.12 MT	71.40 MT

4.3 Status of Environmental Licensing and Permitting

All permits/licenses obtained as of March 2024 are summarised in [Table 4.3](#).

Table 4.3 Summary of Environmental Licensing and Permit Status

Description	Permit / Licence No.	Valid Period		Status
		From	To	
Environmental Permit for Units L4/5 FGD Plants Retrofit	EP-248/2006	25/04/2006	-	Valid
Environmental Permit for Unit L2 FGD Plant Retrofit	EP-287/2007	02/10/2007	-	Valid
Specified Process Licence issued under APCO	L-7-002(14)	01/01/2023	31/12/2024	Valid
WPCO discharge licence for Ash Lagoon	WT00039618-2021	11/02/2022	31/12/2026	Valid

4.4 Implementation Status of Environmental Mitigation Measures

Mitigation measures detailed in the EIA Report and EP are required to be implemented. A summary of the Environmental Mitigation Implementation Schedule (EMIS) is presented in [Appendix D](#).

4.5 Implementation Status of Event/Action Plan

A list of specific actions in the event of exceedances of the various threshold levels for specific emission and discharge sources is given in [Appendix A](#).

As no Action/Limit level exceedance was recorded, no action has been devised.

4.6 Implementation Status of Environmental Complaint Handling Procedures

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Table 4.4. The reported issue was not specifically related to the project and was satisfactorily addressed.

Table 4.4 Environmental Complaint(s) / Feedback Cases(s) Received

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
Reference: LFB20240101	The enquirer expressed concern about excessive light from Lamma Power Station (LPS). After	Follow-up actions had been taken to address the

<p>Received: On 30/01/2024 (pm)</p> <p>Concerned: “In the past few nights”</p>	<p>evaluation, it was believed that a temporary lighting arrangement for annual inspection and maintenance works had aroused the enquirer’s attention. An alternative lighting arrangement was then made to alleviate the situation. The enquirer was informed of the findings and actions taken.</p>	<p>enquirer’s concern. Case closed.</p>
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Table 4.5 Outstanding Environmental Complaint(s) / Feedback Case(s) Carried Over

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
-	-	-

5. FUTURE KEY ISSUES

5.1 Outage Plan for the coming 3 months

No major outage planned in the coming 3 months

5.2 Key issues for the coming 3 months

Key issues to be considered in the coming 3 months include:

Air Impact

- To continuously carry out the air quality monitoring for Units L2 & L4 (if emergency operation is required) and L5.

Water Impact

- To continuously carry out the water quality monitoring for FGD Waste Water Treatment Plant.

6. CONCLUSION

Environmental monitoring was performed as required in the reporting period from January to March 2024. All monitoring results were checked and reviewed.

No Action/Limit level exceedance on air quality parameters were recorded in the reporting period.

No Action/Limit level exceedance on water quality parameters were recorded in the reporting period.

Environmental mitigation measures recommended in the EIA Report and EP were implemented in the reporting period.

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Section 4.6. The reported issue was not specifically related to the project and was satisfactorily addressed

No prosecution was received for the Projects in the reporting period.

The environmental performance of the Projects was generally satisfactory.

Appendix A Event/Action Plans in Response to Exceedance of AL Levels

A.1 Air

Source of Emissions	Parameters to be Monitored	Frequency	Concentration Not to Be Exceeded	Action	Limit	Proposed Action
Steam boilers L2, L4 and L5	Particulate	once/year	50 mg/Nm ³	-	50	ET Leader informs Generation Division at action level. Maintenance initiated. Temporary load shift until pollution control equipment repaired and reinstated. Report to EPD.
	Particulate (Opacity)	continuous	40% (bihourly)	35	40	
	SO ₂	continuous	200 mg/Nm ³ (1h)	190	200	
	NO _x expressed as NO ₂ (For L4 and L5 only)	continuous	615 mg/Nm ³ (1h)	585	615	
Chimney emissions	Ambient air	Continuous at existing ambient air monitoring stations				ET to review data on post-hoc basis and check for possible power station contribution.
	SO ₂		800 (µg/m ³) (1h)	-	800	
	NO ₂		300 (µg/m ³) (1h)	-	300	

A.2 Water

Source of Discharges	Parameters to be Monitored	Frequency	Concentration Not to Be Exceeded	Action	Limit	Proposed Action
FGD Wastewater Treatment Plant	pH	Daily	6-9	-	6-9	If pH exceeds limit level, consideration to be given to adjust chemical dosing. ET Leader inform Generation Division and investigation be initiated to identify and remedy cause. For all other parameters except pH, Generation Division to be informed, frequency of monitoring to be increased, and investigations to be initiated to identify cause and remedy if concentration exceeds action level. If problem persists to exceed the limit level, ET Leader verbally informs EPD and ensures remedial actions implemented.
	Suspended Solids	Daily	30 mg/L	25	30	
	Iron	Monthly	4 mg/L	3.6	4	
	Barium	Monthly	1.5 mg/L	1.3	1.5	
	Mercury	Monthly	0.005 mg/L	0.0045	0.005	
	Cadmium	Monthly	0.005 mg/L	0.0045	0.005	
	Cyanide	Monthly	0.1 mg/L	0.09	0.1	
	Total Phosphorus	Monthly	8 mg/L	7.2	8	
	Total Nitrogen	Monthly	400 mg/L	360	400	

Appendix B

Air Quality Monitoring Results

B.1 Ambient Respirable Suspended Particulate Monitoring at Lamma Power Station

Date: First Quarter of 2024 (January – March)

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/10/2023	16	19
02/10/2023	18	15
03/10/2023	21	20
04/10/2023	27	29
05/10/2023	14	12
06/10/2023	15	13
07/10/2023	9	6
08/10/2023	11	8
09/10/2023	8	9
10/10/2023	8	6
11/10/2023	15	7
12/10/2023	16	9
13/10/2023	14	8
14/10/2023	17	9
15/10/2023	22	11
16/10/2023	28	10
17/10/2023	24	10
18/10/2023	26	22
19/10/2023	23	39
20/10/2023	18	30
21/10/2023	12	33
22/10/2023	14	43
23/10/2023	14	36
24/10/2023	10	30
25/10/2023	11	25
26/10/2023	13	18
27/10/2023	17	15
28/10/2023	20	18
29/10/2023	17	14
30/10/2023	23	19
31/10/2023	17	13

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/11/2023	15	11
02/11/2023	18	11
03/11/2023	21	12
04/11/2023	18	9
05/11/2023	16	7
06/11/2023	22	8
07/11/2023	24	29
08/11/2023	18	44
09/11/2023	16	42
10/11/2023	12	33
11/11/2023	8	25
12/11/2023	6	22
13/11/2023	9	24
14/11/2023	15	37
15/11/2023	17	31
16/11/2023	27	52
17/11/2023	32	84
18/11/2023	35	71
19/11/2023	29	68
20/11/2023	30	60
21/11/2023	18	32
22/11/2023	16	29
23/11/2023	21	34
24/11/2023	31	61
25/11/2023	26	60
26/11/2023	21	42
27/11/2023	27	46
28/11/2023	28	50
29/11/2023	30	58
30/11/2023	26	48

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/12/2023	27	45
02/12/2023	28	46
03/12/2023	26	43
04/12/2023	29	48
05/12/2023	36	59
06/12/2023	27	36
07/12/2023	14	26
08/12/2023	25	44
09/12/2023	23	46
10/12/2023	17	29
11/12/2023	8	16
12/12/2023	10	35
13/12/2023	8	27
14/12/2023	16	30
15/12/2023	12	20
16/12/2023	12	39
17/12/2023	14	22
18/12/2023	15	25
19/12/2023	23	39
20/12/2023	16	31
21/12/2023	19	36
22/12/2023	29	56
23/12/2023	24	49
24/12/2023	23	47
25/12/2023	20	37
26/12/2023	26	58
27/12/2023	21	41
28/12/2023	23	42
29/12/2023	18	35
30/12/2023	22	40
31/12/2023	36	66

B.2 Unit L2, L4 and L5 Stack Monitoring at Lamma Power Station

B.2.1 Monthly Summary of Stack NOx and SO2 for Unit L5

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) #	NOx concentration (mg/Nm3) #	Opacity (%)
1/1/2024	*	*	*
2/1/2024	20	412	12
3/1/2024	15	309	10
4/1/2024	18	356	10
5/1/2024	25	370	11
6/1/2024	*	*	*
7/1/2024	*	*	*
8/1/2024	19	342	11
9/1/2024	32	319	11
10/1/2024	*	*	*
11/1/2024	*	*	*
12/1/2024	*	*	*
13/1/2024	*	*	*
14/1/2024	*	*	*
15/1/2024	25	190	11
16/1/2024	32	217	11
17/1/2024	27	260	11
18/1/2024	27	294	11
19/1/2024	28	213	11
20/1/2024	*	*	*
21/1/2024	*	*	*
22/1/2024	43	248	11
23/1/2024	24	302	12
24/1/2024	31	327	11
25/1/2024	26	384	11
26/1/2024	5	459	11
27/1/2024	15	429	11
28/1/2024	18	344	11
29/1/2024	33	311	11
30/1/2024	22	332	11
31/1/2024	16	297	11

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/2/2024	15	352	12
2/2/2024	10	281	11
3/2/2024	8	254	11
4/2/2024	*	*	*
5/2/2024	15	401	11
6/2/2024	15	330	11
7/2/2024	17	313	11
8/2/2024	14	278	11
9/2/2024	24	368	15
10/2/2024	*	*	*
11/2/2024	*	*	*
12/2/2024	*	*	*
13/2/2024	*	*	*
14/2/2024	*	*	*
15/2/2024	*	*	*
16/2/2024	*	*	*
17/2/2024	18	364	11
18/2/2024	12	367	12
19/2/2024	19	357	12
20/2/2024	18	288	12
21/2/2024	17	278	12
22/2/2024	40	248	12
23/2/2024	38	285	13
24/2/2024	18	329	12
25/2/2024	48	326	14
26/2/2024	25	326	12
27/2/2024	21	354	12
28/2/2024	26	353	14
29/2/2024	22	340	13

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/3/2024	37	358	12
2/3/2024	36	274	12
3/3/2024	73	289	12
4/3/2024	37	321	12
5/3/2024	33	287	13
6/3/2024	19	219	12
7/3/2024	19	321	12
8/3/2024	16	284	13
9/3/2024	22	330	13
10/3/2024	14	328	12
11/3/2024	26	290	12
12/3/2024	*	*	*
13/3/2024	*	*	*
14/3/2024	*	*	*
15/3/2024	*	*	*
16/3/2024	59	367	11
17/3/2024	*	*	*
18/3/2024	*	*	*
19/3/2024	*	*	*
20/3/2024	*	*	*
21/3/2024	*	*	*
22/3/2024	*	*	*
23/3/2024	*	*	*
24/3/2024	30	353	17
25/3/2024	30	291	12
26/3/2024	27	297	11
27/3/2024	*	*	*
28/3/2024	94	330	12
29/3/2024	64	286	12
30/3/2024	100	308	12
31/3/2024	33	237	12

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L5 was not on load

B.2.2 Monthly Summary of Stack NOx and SO2 for Unit L4

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) #	NOx concentration (mg/Nm3) #	Opacity (%)
1/1/2024	*	*	*
2/1/2024	*	*	*
3/1/2024	*	*	*
4/1/2024	*	*	*
5/1/2024	*	*	*
6/1/2024	*	*	*
7/1/2024	*	*	*
8/1/2024	*	*	*
9/1/2024	*	*	*
10/1/2024	*	*	*
11/1/2024	*	*	*
12/1/2024	*	*	*
13/1/2024	*	*	*
14/1/2024	*	*	*
15/1/2024	*	*	*
16/1/2024	*	*	*
17/1/2024	*	*	*
18/1/2024	*	*	*
19/1/2024	*	*	*
20/1/2024	*	*	*
21/1/2024	*	*	*
22/1/2024	*	*	*
23/1/2024	*	*	*
24/1/2024	*	*	*
25/1/2024	*	*	*
26/1/2024	*	*	*
27/1/2024	*	*	*
28/1/2024	*	*	*
29/1/2024	*	*	*
30/1/2024	*	*	*
31/1/2024	*	*	*

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/2/2024	*	*	*
2/2/2024	*	*	*
3/2/2024	*	*	*
4/2/2024	*	*	*
5/2/2024	*	*	*
6/2/2024	*	*	*
7/2/2024	*	*	*
8/2/2024	*	*	*
9/2/2024	*	*	*
10/2/2024	*	*	*
11/2/2024	*	*	*
12/2/2024	*	*	*
13/2/2024	*	*	*
14/2/2024	*	*	*
15/2/2024	*	*	*
16/2/2024	*	*	*
17/2/2024	*	*	*
18/2/2024	*	*	*
19/2/2024	*	*	*
20/2/2024	*	*	*
21/2/2024	*	*	*
22/2/2024	*	*	*
23/2/2024	*	*	*
24/2/2024	*	*	*
25/2/2024	*	*	*
26/2/2024	*	*	*
27/2/2024	*	*	*
28/2/2024	*	*	*
29/2/2024	*	*	*

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/3/2024	*	*	*
2/3/2024	*	*	*
3/3/2024	*	*	*
4/3/2024	*	*	*
5/3/2024	*	*	*
6/3/2024	*	*	*
7/3/2024	*	*	*
8/3/2024	*	*	*
9/3/2024	*	*	*
10/3/2024	*	*	*
11/3/2024	*	*	*
12/3/2024	*	*	*
13/3/2024	*	*	*
14/3/2024	*	*	*
15/3/2024	*	*	*
16/3/2024	*	*	*
17/3/2024	*	*	*
18/3/2024	*	*	*
19/3/2024	*	*	*
20/3/2024	*	*	*
21/3/2024	*	*	*
22/3/2024	*	*	*
23/3/2024	*	*	*
24/3/2024	*	*	*
25/3/2024	*	*	*
26/3/2024	*	*	*
27/3/2024	*	*	*
28/3/2024	*	*	*
29/3/2024	*	*	*
30/3/2024	*	*	*
31/3/2024	*	*	*

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L4 was not on load.

B.2.3 Monthly Summary of Stack SO2 for Unit L2

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/1/2024	*	*
2/1/2024	*	*
3/1/2024	*	*
4/1/2024	*	*
5/1/2024	*	*
6/1/2024	*	*
7/1/2024	*	*
8/1/2024	*	*
9/1/2024	*	*
10/1/2024	*	*
11/1/2024	*	*
12/1/2024	*	*
13/1/2024	*	*
14/1/2024	*	*
15/1/2024	*	*
16/1/2024	*	*
17/1/2024	*	*
18/1/2024	*	*
19/1/2024	*	*
20/1/2024	*	*
21/1/2024	*	*
22/1/2024	*	*
23/1/2024	*	*
24/1/2024	*	*
25/1/2024	*	*
26/1/2024	*	*
27/1/2024	*	*
28/1/2024	*	*
29/1/2024	*	*
30/1/2024	*	*
31/1/2024	*	*

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/2/2024	*	*
2/2/2024	*	*
3/2/2024	*	*
4/2/2024	*	*
5/2/2024	*	*
6/2/2024	*	*
7/2/2024	*	*
8/2/2024	*	*
9/2/2024	*	*
10/2/2024	*	*
11/2/2024	*	*
12/2/2024	*	*
13/2/2024	*	*
14/2/2024	*	*
15/2/2024	*	*
16/2/2024	*	*
17/2/2024	*	*
18/2/2024	*	*
19/2/2024	*	*
20/2/2024	*	*
21/2/2024	*	*
22/2/2024	*	*
23/2/2024	*	*
24/2/2024	*	*
25/2/2024	*	*
26/2/2024	*	*
27/2/2024	*	*
28/2/2024	*	*
29/2/2024	*	*

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/3/2024	*	*
2/3/2024	*	*
3/3/2024	*	*
4/3/2024	*	*
5/3/2024	*	*
6/3/2024	*	*
7/3/2024	*	*
8/3/2024	*	*
9/3/2024	*	*
10/3/2024	*	*
11/3/2024	*	*
12/3/2024	*	*
13/3/2024	*	*
14/3/2024	*	*
15/3/2024	*	*
16/3/2024	*	*
17/3/2024	*	*
18/3/2024	*	*
19/3/2024	*	*
20/3/2024	*	*
21/3/2024	*	*
22/3/2024	*	*
23/3/2024	*	*
24/3/2024	*	*
25/3/2024	*	*
26/3/2024	*	*
27/3/2024	*	*
28/3/2024	*	*
29/3/2024	*	*
30/3/2024	*	*
31/3/2024	*	*

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L2 was not on load.

B.2.4 Summary of Annual Stack Particulate Sampling

Stack particulate sampling for Unit L5 was conducted on 08 March 2024. No stack particulate sampling was conducted for Unit L4 as it retired in January 2024. Unit L2 retired in October 2022.

B.3 Ambient SO₂ and NO₂ monitoring Data at Southern District and Cheung Chau

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	0	1	1	0	1	1	1	2	2	2	3	3	4	4	4	4	4	3	3	3	3	2	2	2	
2	2	3	3	2	4	3	2	4	4	3	5	6	6	7	8	8	9	8	9	8	8	9	9	9	6	
3	9	10	9	10	10	10	11	12	11	11	12	12	12	13	13	13	14	14	14	14	14	13	14	13	12	
4	12	13	14	15	15	15	15	16	17	18	19	18	16	16	18	18	18	18	18	18	17	16	17	17	16	16
5	17	16	16	17	17	18	18	17	18	19	20	22	22	23	24	23	24	22	22	22	22	22	22	22	20	
6	23	23	24	24	24	24	24	24	24	25	26	26	28	28	29	29	29	27	28	28	28	28	28	29	26	
7	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
8	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
9	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
10	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
11	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
12	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
13	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
14	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
15	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
16	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
17	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
18	M	M	M	M	M	M	M	M	M	M	M	M	2	3	4	5	4	4	4	3	3	3	3	3	3	
19	3	3	3	3	4	4	4	5	5	5	5	5	4	4	4	3	3	2	3	2	2	2	2	2	3	
20	2	2	2	2	3	2	2	2	2	2	3	3	3	3	4	4	5	5	4	3	3	3	3	3	3	
21	3	3	3	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	
22	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	0	0	0	0	0	1	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	
26	0	0	0	0	0	0	0	0	1	1	1	2	3	2	1	1	1	2	1	1	1	1	1	1	1	
27	0	1	1	1	0	0	0	1	1	1	2	2	3	3	2	2	2	2	2	2	1	1	0	0	1	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----													RANGE-----		STN GEOM	PERCENT	NO. OF TIMES
GEOM	MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
	4	2	5	2	18	24	28	28	0	-	29	0	-	26	3	63	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	4	6	6	6	5	4	5	9	11	11	9	8	12	8	7	7	9	9	7	12	7	5	7	8
2	5	4	2	3	3	5	5	8	7	14	14	13	11	14	22	26	26	31	34	12	5	8	5	5	12
3	10	M	5	9	19	24	23	38	36	25	21	20	20	22	21	23	31	36	33	27	27	23	27	24	24
4	11	10	9	6	6	7	7	13	17	16	11	11	12	15	12	22	28	29	14	22	12	12	6	7	13
5	6	8	5	5	5	5	11	12	22	32	41	35	28	23	23	35	39	67	44	30	19	16	42	9	23
6	11	11	9	10	11	10	10	11	15	10	36	40	53	35	30	35	43	70	69	51	36	33	22	18	28
7	7	5	5	6	7	9	8	8	9	9	8	7	5	6	5	8	8	9	5	5	5	5	7	5	7
8	4	5	4	6	4	5	6	10	14	17	15	14	12	14	19	22	22	13	10	6	5	10	11	14	11
9	13	8	4	3	3	3	6	16	11	21	47	35	36	42	33	51	61	47	43	42	72	63	43	86	33
10	83	34	16	11	8	6	9	17	21	27	26	21	17	16	24	22	21	33	22	42	44	19	15	28	24
11	21	12	9	11	7	6	9	15	20	21	20	15	12	13	17	18	19	8	15	14	13	9	12	11	14
12	9	9	8	8	6	7	8	10	15	25	27	27	19	17	18	33	23	14	14	9	8	10	11	13	15
13	13	11	11	10	7	6	9	8	15	18	17	18	13	15	14	13	7	10	10	5	6	7	9	8	11
14	4	4	7	10	5	4	7	5	5	7	9	9	7	10	10	9	9	8	9	5	2	4	4	3	7
15	2	1	3	3	3	2	4	6	12	22	23	19	13	14	15	19	10	8	7	7	11	4	5	5	9
16	5	3	4	1	2	3	4	6	8	7	8	10	8	9	10	7	7	10	10	7	2	6	5	7	6
17	4	M	5	4	4	3	6	9	10	12	11	10	11	15	19	12	19	19	11	8	13	7	5	11	10
18	9	5	3	3	4	7	4	3	6	8	12	10	4	4	7	13	18	18	19	15	6	3	3	16	8
19	4	0	7	1	1	1	1	2	7	13	10	16	10	11	10	14	15	10	7	3	4	4	2	5	7
20	5	4	3	2	4	2	6	7	12	20	25	38	28	22	28	36	54	55	63	53	41	41	31	33	26
21	41	40	24	14	20	20	22	31	25	21	21	20	18	11	14	18	13	12	8	8	10	9	6	7	18
22	8	6	6	7	8	9	11	15	17	18	20	24	23	24	27	30	33	28	25	21	18	19	16	12	18
23	10	10	10	7	7	6	8	17	24	22	26	21	23	23	22	25	32	35	36	30	24	25	19	13	20
24	13	8	9	11	9	9	13	28	32	31	25	20	15	19	20	28	38	56	64	53	41	48	55	37	28
25	38	29	24	17	17	13	19	26	35	37	31	39	29	24	43	46	54	70	73	65	55	53	54	36	39
26	27	20	25	18	13	15	14	18	19	20	20	22	22	19	21	31	60	71	54	34	58	50	42	48	31
27	43	27	22	15	14	9	23	25	28	31	30	30	28	24	35	50	65	74	72	71	60	53	45	43	38
28	36	28	27	19	19	20	17	12	26	25	34	31	15	16	16	20	19	18	20	24	20	17	17	17	21
29	17	16	12	11	11	11	14	21	16	17	15	M	19	19	18	21	23	22	16	16	10	13	14	12	16
30	10	12	11	9	8	7	10	9	9	23	25	28	33	21	21	25	17	21	32	19	7	5	9	12	16
31	13	M	8	6	5	4	6	10	11	15	13	21	17	24	22	26	15	7	9	7	6	4	3	2	11

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
13	13	18	13	36	50	63	71	0	-	86	6	-	39	2	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: JANUARY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	1	1	1	0	M	0	0	0	2	2	1	1	0	0	0	1	0
2	1	1	1	0	0	0	0	0	0	2	0	0	0	0	2	0	1	4	3	0	0	1	1	1	1
3	1	1	1	2	2	2	2	2	2	0	0	1	1	1	0	3	3	6	3	0	0	0	1	0	1
4	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0	0	0	1	0
5	1	0	0	0	0	1	1	0	2	6	7	1	0	0	0	1	3	4	3	1	0	1	1	0	1
6	0	1	0	0	1	1	1	1	1	0	1	1	1	0	0	1	3	5	3	1	2	1	4	1	1
7	0	1	1	0	1	0	1	0	2	2	1	0	0	1	0	1	2	4	1	0	0	0	0	0	1
8	1	1	0	0	1	2	2	2	3	4	3	2	1	1	0	M	11	7	6	5	5	6	6	2	3
9	3	1	1	1	1	0	2	2	3	1	1	1	1	0	1	2	4	5	4	2	2	1	0	1	2
10	2	2	1	1	0	0	0	1	2	1	0	0	1	1	0	1	2	4	4	2	0	1	0	0	1
11	0	0	0	0	0	0	0	1	2	4	4	0	0	0	1	1	3	4	3	0	0	0	1	0	1
12	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
13	1	1	2	4	2	3	4	3	5	5	3	4	3	2	3	3	5	6	5	2	1	2	1	0	3
14	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	2	1	1	2	0	0	1	0	1	1
15	3	3	3	2	2	3	2	3	1	2	3	3	3	1	3	4	5	5	4	2	2	2	1	1	3
16	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	3	1	1	2	1	0	1	0	0	1
17	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	1	0	0	1	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
19	2	0	1	1	4	2	2	2	2	3	4	4	2	0	0	1	2	5	2	1	1	1	1	0	2
20	0	0	0	1	1	0	0	0	0	0	2	2	2	1	0	2	4	5	4	1	0	0	0	0	1
21	3	3	2	1	1	2	2	1	1	0	1	2	1	0	2	3	3	3	3	2	2	2	2	0	2
22	0	0	0	0	0	0	0	0	0	0	3	5	2	0	1	1	0	0	0	0	0	0	0	1	1
23	0	0	5	3	0	0	0	0	0	1	3	0	1	3	6	3	3	0	0	0	0	1	0	1	1
24	0	0	0	0	0	0	0	0	2	4	4	3	0	4	2	1	0	0	0	0	0	3	1	0	1
25	0	0	0	0	0	0	0	0	0	0	0	2	5	4	0	0	1	1	0	0	0	0	0	5	1
26	0	0	0	0	0	0	0	0	0	3	6	6	3	0	0	1	3	1	0	0	0	0	0	1	1
27	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	1	0	0	0	0	0	0	1	0
28	2	4	4	4	2	3	3	2	2	6	5	4	3	6	4	4	5	0	0	3	4	3	3	1	3
29	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	1	0	0	0	0	0	0	1	0
30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	20	10	10	9	10	10	9	4

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
2	0	1	0	3	5	6	9	0	-	20	0	-	4	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: JANUARY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	84	87	88	90	85	82	81	81	81	82	83	84	M	90	93	96	98	99	100	99	98	95	93	88	89
2	86	85	84	84	83	82	81	80	79	77	77	79	81	84	86	87	88	88	85	84	83	83	83	85	83
3	83	M	80	80	81	81	79	75	66	60	60	64	69	75	78	86	91	86	78	70	61	54	50	48	72
4	46	44	44	46	47	49	48	48	50	53	58	64	68	72	74	76	78	79	79	81	82	84	84	80	64
5	78	80	81	78	75	73	73	69	69	74	78	82	82	83	85	86	88	84	82	80	79	83	83	82	79
6	80	77	77	75	74	74	75	75	76	76	78	82	88	91	94	96	98	99	96	93	94	98	102	103	86
7	101	102	99	96	96	93	86	82	79	79	82	84	85	88	91	92	92	93	91	91	91	91	91	87	90
8	84	83	84	83	81	82	81	81	80	80	78	79	80	82	83	M	57	76	85	90	90	89	89	86	82
9	84	84	84	84	83	84	82	84	81	81	83	87	92	96	102	106	106	104	102	100	99	95	94	88	91
10	86	86	83	80	74	65	62	63	63	62	62	63	69	74	79	84	87	87	87	86	80	73	72	71	75
11	67	67	68	63	61	61	59	59	59	60	64	69	74	78	87	92	93	91	87	86	85	85	84	86	74
12	87	88	87	87	86	83	82	81	83	83	84	88	92	97	100	102	102	102	105	109	104	101	101	99	93
13	97	98	98	98	95	89	84	78	73	74	79	82	84	86	85	81	78	80	82	79	76	75	75	76	83
14	77	80	84	82	78	73	66	58	53	51	54	56	59	63	65	68	70	73	73	72	73	77	82	84	70
15	82	80	81	82	82	82	80	79	76	73	74	79	87	89	98	105	102	97	90	90	94	92	91	85	86
16	80	77	77	76	76	75	74	74	74	74	74	76	79	83	88	88	90	90	91	91	88	85	85	83	81
17	81	M	78	76	76	76	74	74	75	75	76	77	77	78	78	80	81	82	85	85	85	83	83	81	79
18	80	79	79	79	77	77	75	75	74	74	73	73	75	76	78	79	79	80	79	76	74	73	72	70	76
19	69	67	68	69	71	74	76	77	76	76	82	87	90	93	94	89	88	87	82	77	75	75	75	72	79
20	70	68	66	65	65	64	65	64	63	64	70	72	73	74	76	78	87	103	104	98	93	86	81	80	76
21	77	72	67	63	60	58	56	56	56	59	64	68	68	71	74	74	75	77	79	78	78	79	78	75	69
22	72	69	67	63	60	57	55	52	51	50	50	51	52	54	57	58	57	53	51	47	42	36	36	34	53
23	33	30	34	37	38	38	39	41	43	45	46	47	49	51	53	54	54	54	52	51	49	47	45	42	45
24	40	40	40	40	40	40	38	36	37	40	42	43	45	46	47	49	49	51	53	55	56	54	52	51	45
25	51	49	48	47	46	45	45	47	50	52	53	53	54	57	62	64	68	71	72	73	70	65	60	58	57
26	57	55	56	56	55	52	51	50	51	53	56	60	60	63	68	72	73	74	75	76	72	69	66	63	62
27	61	61	63	64	65	63	63	62	61	64	65	66	68	70	74	76	78	76	74	73	69	68	67	65	67
28	63	62	59	57	57	58	58	58	58	58	56	56	56	57	59	61	65	66	67	66	63	60	57	54	60
29	53	52	50	50	49	48	50	54	53	54	58	60	60	63	67	69	70	72	71	70	69	67	67	66	60
30	66	67	68	70	69	69	68	68	68	69	69	69	71	74	76	77	77	77	75	75	79	82	79	76	72
31	74	M	70	68	67	65	65	64	64	64	64	63	65	67	69	M	28	26	33	40	43	41	41	46	56

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
71	75	73	75	91	98	102	104	26	-	109	45	-	93	1	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL				
1	0	0	0	0	0	1	1	0	-	1	0	-	0	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	9	8	8	9	10	12	13	13	12	11	13	13	13	13	12	12	11	11	9	8	10	11
2	8	7	7	6	6	7	9	11	13	15	15	14	12	12	15	17	15	16	24	34	21	23	25	34	15
3	20	M	17	28	24	28	13	15	21	18	15	15	18	19	22	18	20	18	17	17	17	14	14	15	18
4	11	8	7	10	15	6	9	11	14	18	16	17	14	14	16	11	10	15	20	19	20	12	11	9	13
5	9	7	6	6	7	7	8	12	19	26	29	20	13	21	12	18	30	13	26	39	28	24	23	15	17
6	15	13	11	11	15	29	36	35	33	48	51	51	41	27	37	38	37	39	50	52	54	51	40	42	36
7	24	12	9	11	9	9	10	11	11	12	14	12	9	10	11	10	9	10	9	9	7	9	9	8	11
8	7	7	7	7	7	8	9	13	17	21	19	20	16	16	16	22	20	21	17	12	11	8	9	11	13
9	10	12	12	8	15	13	11	24	28	23	31	23	27	19	23	45	48	32	32	38	42	35	40	41	26
10	38	39	17	19	9	8	8	13	16	19	17	15	14	25	27	19	23	23	18	17	28	21	12	18	19
11	15	9	8	8	7	7	12	15	15	21	M	16	13	11	13	19	23	18	15	14	16	15	10	13	14
12	12	8	6	6	6	6	10	14	19	19	21	14	15	18	19	15	15	19	21	20	17	12	13	11	14
13	10	8	7	8	6	6	7	11	12	17	21	20	14	19	19	16	14	13	12	11	8	8	7	9	12
14	5	5	5	6	6	6	8	9	9	11	10	14	21	17	18	15	8	6	6	7	13	15	16	14	10
15	19	31	44	30	29	5	7	17	28	26	41	33	19	15	17	19	14	13	10	8	9	7	8	7	19
16	6	5	4	5	4	4	6	8	11	12	9	10	12	11	12	18	20	15	12	10	8	7	6	8	9
17	6	M	7	6	5	5	7	13	16	15	14	14	12	15	17	16	15	14	10	8	9	7	6	9	11
18	7	5	3	3	4	3	5	9	11	15	13	13	12	13	11	11	17	29	21	21	17	11	16	32	13
19	32	23	31	24	25	27	34	26	14	15	18	23	18	15	13	18	21	22	18	13	12	12	16	25	21
20	26	33	29	15	8	6	7	10	9	22	29	26	20	16	19	28	44	40	44	30	23	28	34	31	24
21	29	26	17	13	15	18	16	18	17	16	16	17	19	15	14	14	19	10	10	8	9	8	7	6	15
22	6	6	6	7	7	7	8	11	14	12	13	14	15	15	20	19	18	18	16	14	12	12	11	9	12
23	8	8	7	6	5	4	6	9	13	13	13	14	14	17	15	16	18	19	21	19	16	15	12	12	13
24	10	9	8	8	7	7	8	15	18	18	18	18	16	17	19	21	24	28	32	30	27	25	26	25	18
25	24	20	17	16	14	14	15	21	25	26	27	26	26	28	29	32	35	36	38	36	35	31	29	29	26
26	19	19	18	13	10	10	11	13	14	13	14	18	19	18	19	25	33	37	40	24	29	29	25	27	21
27	25	20	15	11	10	9	12	24	20	19	20	20	21	29	30	31	36	37	38	36	32	28	25	22	24
28	22	19	18	16	13	14	14	16	16	17	18	18	16	15	15	16	16	14	14	15	14	14	13	10	16
29	10	9	8	8	8	9	10	13	15	15	17	17	16	17	16	19	18	19	16	14	20	21	17	12	14
30	10	9	9	7	7	8	13	16	19	25	26	25	31	32	28	34	28	34	33	37	34	21	19	14	22
31	11	M	12	7	9	8	17	20	22	19	23	23	27	25	27	24	24	21	17	15	18	11	9	8	17

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
15	15	17	15	30	36	41	47	3	-	54	9	-	36	2	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	3	3	3	4	4	3	4	4	3	4	2	3	3	2	2	2	2	3	3
2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	3	2	2	2	1	2	2	4	2
3	3	3	2	3	4	4	3	3	4	3	2	2	3	3	3	3	3	3	2	3	3	1	1	2	3
4	3	3	3	2	1	3	2	2	3	2	3	2	3	3	2	2	2	2	2	2	1	1	2	5	2
5	2	2	2	2	2	2	2	1	3	3	6	6	4	6	3	2	7	3	3	2	2	2	2	3	3
6	3	2	2	2	2	3	4	4	7	14	12	14	8	4	6	6	6	6	5	4	4	4	4	6	6
7	5	4	5	5	6	6	5	5	5	4	4	4	4	4	4	4	3	3	2	2	2	2	2	4	4
8	3	2	2	2	2	1	3	2	2	3	2	3	3	3	4	2	3	3	3	3	2	2	3	5	3
9	3	3	2	2	3	3	3	2	3	4	5	5	7	7	6	6	6	4	4	3	3	4	5	7	4
10	5	4	4	3	3	2	2	2	1	1	2	2	2	3	3	4	4	3	3	3	3	2	2	4	3
11	3	2	3	2	4	3	2	3	2	4	3	4	3	4	4	3	3	3	2	2	2	2	2	2	3
12	2	2	2	2	2	1	2	2	3	3	4	5	5	5	5	5	4	4	4	3	3	3	4	5	3
13	3	2	2	3	5	5	3	3	3	4	4	4	4	5	4	2	3	3	4	3	3	2	2	5	3
14	2	2	2	2	3	2	2	2	2	3	3	3	4	4	2	3	2	1	1	2	2	3	3	6	3
15	4	2	3	2	2	2	2	2	2	4	8	5	4	4	5	5	3	4	2	2	2	2	2	5	3
16	1	3	1	3	0	2	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	1	1	2	2
17	2	2	2	2	3	1	3	1	2	2	1	3	2	2	2	2	2	2	2	2	2	2	1	5	2
18	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	4	4	4	3	2	3	4	4	5	3
19	5	6	5	4	4	4	3	3	4	3	4	5	4	3	3	3	2	2	2	2	2	2	1	7	3
20	4	3	3	3	3	2	2	2	2	3	9	6	7	4	5	6	6	6	6	4	4	4	4	5	4
21	4	3	3	4	3	2	3	2	3	3	4	7	5	3	2	3	5	3	3	2	2	2	2	3	3
22	3	2	1	2	1	2	2	2	2	2	3	4	3	3	3	3	2	2	2	1	1	1	12	4	3
23	1	2	2	0	1	1	1	1	2	2	2	2	2	2	2	3	2	1	1	1	1	2	2	3	2
24	2	2	2	2	2	2	2	2	2	3	4	4	3	3	3	2	2	2	2	2	2	2	42	7	4
25	4	3	3	3	3	3	2	2	4	5	7	6	5	4	4	4	4	3	3	3	3	3	3	3	4
26	3	4	4	3	2	2	2	3	5	4	4	4	3	3	4	3	5	4	4	3	3	3	3	5	3
27	3	3	2	3	3	2	2	4	4	4	4	5	4	6	6	5	4	4	4	4	3	2	1	3	4
28	2	2	1	1	1	1	1	1	2	2	3	3	3	3	2	3	2	2	2	1	1	1	1	2	2
29	2	2	1	1	2	1	1	1	1	2	1	1	1	1	2	2	2	1	2	2	2	1	2	3	2
30	2	1	2	2	2	2	1	2	2	3	4	4	4	4	6	4	3	2	2	2	2	1	1	2	3
31	1	2	2	2	2	2	1	2	2	2	2	3	4	4	6	4	2	2	2	2	3	2	2	M	2

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
3	3	3	3	5	6	7	8	0	-	42	2	-	6	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	12	10	10	10	11	15	20	28	19	19	17	16	15	16	15	18	17	14	19	15	11	13	15
2	11	11	9	9	10	11	12	15	19	26	23	20	19	25	36	36	35	38	76	65	63	49	47	61	30
3	49	27	24	58	82	60	29	42	46	43	35	33	31	34	34	38	44	49	39	39	37	36	35	28	41
4	22	16	13	14	14	11	12	17	19	18	20	17	16	18	18	24	23	28	45	45	52	29	24	15	22
5	16	14	11	11	12	13	16	37	47	55	60	52	29	46	22	27	58	33	83	85	71	90	98	70	44
6	37	31	23	34	51	94	95	86	81	96	91	90	60	31	49	51	59	80	89	94	97	106	112	109	73
7	51	M	56	55	40	15	16	15	18	20	16	14	11	11	12	13	15	19	13	12	11	11	13	11	20
8	10	10	11	12	11	16	16	25	33	33	24	22	19	19	35	33	32	33	25	22	14	18	20	21	21
9	25	23	15	26	18	19	43	48	41	62	55	45	48	40	46	51	46	58	81	86	83	85	102	97	52
10	100	84	40	18	14	17	17	23	25	32	31	29	24	28	36	29	39	39	52	85	82	27	25	28	39
11	24	13	15	14	12	11	14	22	28	35	29	23	37	27	23	29	35	22	30	31	36	25	20	23	24
12	19	17	15	13	13	15	19	24	29	36	33	30	20	26	25	30	30	34	35	42	52	35	33	23	27
13	22	19	16	15	12	10	11	15	23	28	30	25	19	21	20	19	20	21	21	17	15	17	16	13	19
14	11	10	11	10	9	8	9	9	8	21	32	24	22	25	17	20	15	14	16	11	38	56	73	75	23
15	55	13	34	14	5	6	8	32	47	60	78	58	24	17	20	27	15	18	15	14	20	10	11	10	25
16	8	8	7	7	6	7	9	16	21	20	15	16	15	14	20	17	16	19	24	18	10	13	12	12	14
17	10	10	11	13	10	9	13	21	17	19	17	18	16	15	22	24	22	21	22	16	18	15	12	14	16
18	13	9	6	6	6	6	8	9	11	11	12	10	8	10	17	44	44	52	68	60	67	75	82	72	29
19	76	73	68	42	18	23	19	28	21	26	24	24	18	19	22	21	26	29	27	20	19	44	61	96	35
20	50	61	47	46	24	19	18	15	17	46	61	55	47	28	35	61	79	81	104	84	53	74	77	64	52
21	61	M	37	29	38	42	36	45	40	36	33	40	42	40	28	28	48	28	19	17	16	17	16	14	33
22	13	13	12	13	13	15	23	19	21	35	38	38	36	36	43	42	41	49	42	36	28	27	22	20	28
23	15	19	16	13	12	6	7	12	15	14	16	38	35	33	35	36	44	46	51	43	36	33	29	24	26
24	22	17	16	16	16	17	25	43	47	43	36	32	35	36	36	40	53	74	76	71	55	57	61	60	41
25	53	43	44	39	35	39	37	55	59	64	60	55	51	52	56	62	73	85	96	97	84	78	66	48	60
26	57	70	52	30	20	20	22	25	28	30	30	36	30	25	27	45	76	92	97	68	81	76	73	76	49
27	59	49	37	26	20	22	43	69	51	51	45	46	38	45	57	69	89	89	97	88	77	68	46	61	56
28	51	48	45	34	34	41	39	37	42	45	43	40	35	30	28	28	39	39	37	42	37	30	29	26	37
29	26	24	20	20	20	21	23	34	36	35	36	35	26	27	31	35	36	35	48	32	35	58	25	23	31
30	20	20	16	14	23	16	41	33	62	60	58	57	61	56	77	68	64	75	78	72	20	11	13	18	43
31	18	28	20	24	12	24	31	37	52	24	42	48	55	47	61	54	28	20	55	67	79	45	16	M	39

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
28	28	34	28	69	82	95	97	5	-	112	14	-	73	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	2	1	1	1	1	1	3	2	1
3	1	2	2	3	3	3	3	3	2	2	2	2	3	4	4	5	3	2	1	2	2	1	1	1	2
4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2
5	2	2	1	1	1	1	1	1	2	2	5	2	2	2	1	2	2	1	1	1	1	1	1	1	2
6	1	2	3	5	4	7	7	5	7	10	13	8	5	5	5	6	10	5	4	3	3	3	3	3	5
7	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3	3	2	2	1	1	1	1	1	3
8	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	1	2	1	3	2	2	3	3	3	4	3	3	4	4	3	2	3	2	3	5	6	3
10	5	4	3	2	2	1	1	1	1	2	2	2	2	4	3	2	3	2	2	2	2	1	1	1	2
11	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2
12	2	2	1	1	2	1	1	2	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2
13	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2	1	1	1	1	3
14	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	1	1	1	2	1
15	2	2	2	2	1	1	1	1	2	3	5	3	3	3	4	4	3	2	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
18	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1
19	2	3	2	2	2	2	1	2	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	5	7	6	5	4	3	4	5	5	5	4	3	3	3	3	3
21	3	3	2	2	2	2	2	2	3	3	4	4	3	7	2	2	1	2	2	2	2	1	1	1	2
22	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
23	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	3	3	4	4	5	4	3	3	3	2	3	2	2	2	2	3
26	2	2	2	2	2	1	2	2	3	4	3	3	3	3	3	3	3	4	3	2	2	2	2	2	3
27	2	2	2	2	2	2	2	2	2	3	3	4	7	8	6	4	3	3	2	2	3	2	1	1	3
28	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
30	1	1	1	1	1	1	1	1	1	1	2	M	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	2	1	1	1	1	1	2	1	1	1

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----											RANGE-----				STN GEOM	PERCENT	NO. OF TIMES
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL			
2	2	2	2	3	4	5	7	0	-	13	1	-	5	2	100	0	

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	8	7	8	9	9	11	11	12	10	9	9	9	9	9	10	9	8	8	8	7	9	9
2	8	7	7	7	7	8	9	9	11	12	13	12	13	21	22	12	11	13	42	35	29	37	73	60	20
3	58	26	9	46	31	31	30	40	34	25	27	29	36	45	39	48	35	26	30	34	34	26	24	19	33
4	13	8	8	8	8	10	13	15	14	13	12	12	9	8	6	7	7	6	9	17	15	23	16	11	11
5	9	9	9	8	8	10	18	22	24	32	38	9	13	8	9	18	13	12	17	27	10	10	50	31	17
6	40	44	74	82	66	92	90	69	64	53	55	49	33	44	35	51	82	55	64	62	46	59	17	22	56
7	23	13	11	10	11	12	13	12	11	11	10	9	8	7	9	9	10	8	8	8	8	7	8	10	10
8	7	7	8	9	8	10	11	14	17	16	10	10	9	10	12	19	23	15	19	12	10	13	10	15	12
9	18	M	10	8	10	17	50	37	39	16	19	17	30	14	21	41	23	21	21	44	44	54	104	95	33
10	75	84	30	22	15	15	19	25	26	29	31	28	29	44	23	20	48	42	36	45	40	21	27	37	34
11	24	14	15	14	12	12	15	20	22	18	14	12	9	9	11	12	13	12	13	20	20	17	18	18	15
12	24	15	13	12	12	15	19	17	16	20	18	14	13	16	13	12	12	12	17	23	24	24	23	21	17
13	23	16	14	14	12	15	16	17	24	22	18	15	11	14	15	11	11	13	14	10	11	9	8	9	14
14	8	7	8	9	9	10	12	13	11	11	14	11	10	14	10	9	13	10	9	6	5	8	13	20	10
15	23	14	10	7	7	11	24	22	21	20	40	18	13	10	10	9	8	10	7	8	7	6	7	7	13
16	6	5	6	6	5	6	8	9	10	9	9	9	9	12	9	8	8	9	10	8	7	7	8	9	8
17	7	8	8	8	8	8	12	15	15	12	14	8	12	10	11	11	20	20	13	9	11	10	8	16	11
18	14	8	7	7	7	9	13	13	8	10	9	5	7	6	6	6	8	11	24	22	17	16	15	77	14
19	39	58	33	25	13	12	20	28	20	18	18	10	9	9	8	9	9	10	8	6	5	5	12	16	17
20	15	10	8	8	10	13	14	16	22	45	52	50	43	37	39	61	74	75	92	70	63	69	77	63	43
21	58	55	37	33	29	35	33	40	41	33	34	34	34	52	18	16	12	16	12	11	15	12	10	11	28
22	12	11	12	11	12	15	20	23	22	24	25	30	28	26	43	40	39	40	39	33	30	24	21	17	25
23	16	M	16	13	12	13	16	23	30	33	32	36	30	29	36	31	37	38	45	42	34	31	24	21	28
24	18	15	15	14	14	17	22	30	36	38	33	21	21	22	30	38	44	55	75	70	54	53	48	47	35
25	52	41	36	24	22	23	29	38	57	44	33	53	48	52	52	59	69	85	93	97	73	73	71	50	53
26	37	29	34	22	18	20	22	29	27	26	25	28	19	21	22	44	70	88	53	30	58	54	56	62	37
27	53	39	27	19	17	17	26	28	30	34	32	39	46	59	61	65	82	87	84	77	75	73	60	47	49
28	54	47	37	28	21	25	26	28	44	46	41	36	19	21	19	22	27	25	26	28	24	30	24	25	30
29	22	20	18	17	17	18	22	29	20	20	18	20	18	20	28	30	31	31	25	25	22	18	21	21	22
30	18	16	14	12	12	13	19	26	17	20	28	M	21	32	18	24	23	23	20	14	11	10	9	12	18
31	17	14	11	10	10	12	19	23	18	23	25	32	35	21	17	21	15	18	16	9	7	7	6	9	16

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
19	18	24	18	51	64	78	88	5	-	104	8	-	56	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2
2	1	1	1	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1
3	5	27	6	7	6	6	7	6	6	6	5	3	4	4	4	4	6	6	6	7	3	0	4	4	4	6
4	6	0	0	0	0	1	2	4	4	5	3	1	1	1	1	1	2	3	4	4	5	5	6	8	3	
5	7	5	6	7	6	7	7	7	7	7	7	6	7	4	3	4	4	3	3	3	3	2	2	6	5	
6	3	3	4	4	4	4	5	6	9	9	7	6	5	5	6	5	4	4	4	4	4	3	3	7	5	
7	5	4	4	4	4	4	4	5	5	5	4	4	4	3	3	3	3	3	2	2	2	2	2	5	4	
8	3	2	2	2	3	3	3	3	3	3	4	3	2	2	3	2	2	2	2	3	2	2	2	2	5	3
9	3	3	3	3	2	3	3	3	4	4	4	4	3	4	3	3	3	4	3	3	3	3	3	5	3	
10	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	6	3	
11	3	4	3	4	3	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	5	3	
12	3	3	3	2	3	2	2	3	3	4	3	3	3	3	4	3	3	2	2	2	2	2	2	5	3	
13	3	4	3	3	4	4	4	4	3	3	3	4	3	3	3	3	3	3	4	3	2	2	3	5	3	
14	3	3	2	2	2	3	3	2	3	3	2	2	2	2	2	2	1	2	2	2	2	3	3	6	2	
15	4	3	3	3	4	4	4	4	5	5	4	5	4	3	3	4	3	2	2	2	2	4	3	5	4	
16	3	2	2	2	2	2	2	2	5	3	2	3	2	2	1	1	1	1	2	2	2	3	2	5	2	
17	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	5	2	
18	3	2	2	3	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	5	2	
19	3	3	3	3	3	3	4	4	5	6	5	4	4	3	2	3	2	2	3	2	2	2	2	5	3	
20	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	5	7	3	
21	5	5	5	5	4	4	4	4	4	3	3	3	3	3	3	2	3	2	3	3	3	2	2	5	3	
22	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	2	2	2	4	3	
23	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	3	1	
24	1	1	1	1	1	1	1	1	1	1	2	4	8	9	9	9	8	9	7	6	5	5	5	9	4	
25	6	6	5	5	6	6	6	6	6	7	10	13	12	10	9	9	9	8	11	11	11	11	11	16	9	
26	13	13	12	12	13	12	12	12	13	13	14	13	13	13	11	11	12	13	13	13	13	13	13	16	13	
27	14	13	13	13	13	13	13	13	14	13	13	13	13	13	13	12	13	13	13	13	13	12	11	14	13	
28	12	11	10	10	9	9	9	9	9	10	11	11	11	11	10	10	10	9	9	9	9	9	9	12	10	
29	9	9	9	9	9	9	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	10	8	
30	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	3	4	3	4	3	8	6	
31	6	6	6	6	5	6	6	6	6	6	6	7	6	6	6	7	6	6	7	6	6	6	6	8	6	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
4	3	4	3	9	13	13	13	0	-	27	1	-	13	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JANUARY

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	8	11	6	5	8	8	13	7	9	7	5	6	4	4	4	4	4	4	4	5	3	4	6	6
2	4	3	3	5	8	7	8	7	10	16	15	12	13	34	36	19	7	6	19	39	21	62	72	79	21
3	78	M	78	72	49	52	60	60	54	36	25	18	27	20	22	20	23	33	36	23	18	17	14	15	37
4	13	15	11	16	13	17	24	31	33	20	18	16	19	19	9	4	6	5	6	5	5	17	16	14	
5	8	6	21	9	6	4	11	24	42	43	21	10	24	8	2	10	12	11	7	25	15	6	34	44	17
6	34	45	85	87	90	71	85	84	82	80	54	31	18	27	27	29	22	25	29	74	68	86	74	44	56
7	43	43	44	49	44	15	14	7	11	8	8	3	4	2	2	2	3	7	4	4	6	4	3	10	14
8	9	5	6	6	7	10	15	17	12	14	10	5	3	5	20	17	18	12	13	12	8	5	7	17	11
9	20	12	26	21	17	24	27	39	48	20	14	16	11	13	13	14	13	23	21	16	62	32	43	51	25
10	57	30	49	46	20	26	27	21	22	21	27	25	20	22	18	11	9	12	12	24	51	40	58	50	29
11	36	47	32	22	18	29	30	22	29	40	24	19	7	2	4	4	3	4	6	5	5	8	9	10	17
12	8	10	7	8	12	6	7	10	8	15	23	4	5	6	14	8	13	8	7	8	7	7	9	39	10
13	43	50	39	15	10	19	28	19	20	32	25	25	6	7	14	9	9	4	12	10	6	5	11	9	18
14	7	6	3	7	5	13	16	18	27	35	13	12	14	14	21	8	2	23	17	39	36	61	68	86	23
15	86	42	41	50	62	56	38	60	69	51	39	27	10	4	3	6	3	2	3	3	5	9	7	7	28
16	6	6	4	0	0	0	2	4	6	10	7	13	10	2	2	1	1	1	2	8	3	5	7	8	5
17	8	M	10	8	4	3	5	5	5	10	9	5	15	33	37	14	26	32	64	32	24	37	9	33	19
18	30	16	6	2	7	18	31	30	22	22	12	1	0	0	1	0	0	12	22	22	21	7	55	46	15
19	54	65	55	51	41	46	52	54	52	54	39	14	2	0	2	1	0	0	0	0	0	0	2	1	24
20	1	19	22	25	24	7	18	24	34	25	20	12	13	16	23	45	50	44	50	42	43	53	55	48	30
21	45	44	37	29	18	14	11	15	16	10	12	16	16	19	30	26	24	11	3	6	5	5	4	15	18
22	16	20	2	5	10	10	10	14	28	30	20	18	14	21	21	16	22	25	24	22	19	18	14	8	17
23	4	5	3	2	2	2	4	7	9	9	11	11	13	17	20	18	19	18	18	15	12	8	6	6	10
24	3	4	2	1	1	3	3	10	14	19	13	16	17	23	23	27	37	42	47	42	37	33	27	27	20
25	22	16	14	11	15	13	12	23	27	25	31	28	27	31	33	44	45	53	65	51	41	43	49	38	32
26	51	34	36	22	22	18	21	13	30	29	35	33	33	32	26	42	64	66	67	67	48	51	50	50	39
27	47	37	30	24	19	24	34	46	43	38	41	44	44	44	44	66	69	65	65	54	40	37	34	34	43
28	31	21	15	12	8	8	10	15	23	19	22	21	19	23	21	22	32	26	46	35	14	42	48	38	24
29	27	28	22	10	11	19	20	17	14	11	19	25	30	19	20	16	15	23	21	14	9	15	31	27	19
30	14	8	17	13	13	20	23	40	20	20	46	48	40	52	44	64	34	60	74	72	17	13	35	4	33
31	32	M	23	14	8	13	29	39	31	48	30	36	40	34	42	56	57	40	74	55	43	23	1	3	34

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR			DEVIATION	VALID DATA	ABOVE LIMIT LEVEL	
16	18	23	18	50	62	74	83	0	-	90	5	-	56	3	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL				
#NUM!	0	0	0	0	0	0	0	0	-	0	0	-	0	#DIV/0!	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	2	6	5	10	17	21	28	14	8	14	7	8	3	33	24	36	4	11
2	3	1	1	0	2	0	6	2	5	9	8	10	6	8	5	8	6	3	8	7	3	2	2	3	5
3	2	2	2	1	1	1	1	2	5	9	6	8	11	13	18	19	17	19	28	8	15	7	3	3	8
4	2	1	4	3	2	2	2	1	2	7	8	4	5	8	9	11	17	13	4	9	10	3	10	12	6
5	2	9	6	4	4	2	7	13	16	17	11	13	10	23	21	17	17	14	5	2	3	4	5	2	9
6	1	1	1	1	2	2	3	7	5	11	9	7	5	8	11	14	15	11	6	5	3	3	9	6	6
7	5	2	3	3	2	0	3	9	11	13	16	17	16	24	18	20	20	25	22	29	30	27	26	21	15
8	22	22	11	9	7	10	16	20	19	21	22	18	17	17	22	25	26	27	29	30	20	15	15	11	19
9	9	8	5	2	3	5	10	16	18	27	30	22	22	21	22	25	28	27	27	23	26	18	13	11	17
10	11	13	6	6	5	4	7	9	9	11	17	19	13	8	8	12	17	21	25	24	22	23	11	6	13
11	11	11	8	3	2	1	1	1	5	7	8	6	4	2	2	3	3	5	7	8	7	9	5	4	5
12	3	1	1	0	1	1	3	2	3	2	2	1	1	2	2	3	1	2	3	2	1	3	1	2	2
13	4	3	1	1	2	2	3	4	5	3	5	7	8	4	8	17	10	6	2	5	8	1	2	3	5
14	3	4	2	1	0	2	1	0	5	6	5	6	11	8	18	9	4	11	5	8	5	1	1	4	5
15	2	0	1	2	0	0	0	0	0	25	23	10	6	8	18	17	11	17	32	22	10	6	8	8	9
16	7	6	5	8	25	25	17	14	27	22	6	8	7	4	3	3	6	3	3	4	6	5	3	1	9
17	1	1	0	1	0	1	3	6	6	5	9	7	8	9	11	13	16	6	3	3	4	3	1	1	5
18	0	1	1	1	0	1	1	2	3	2	4	4	1	3	2	3	6	10	7	6	3	4	3	4	3
19	1	0	1	20	23	1	2	5	6	5	5	8	2	3	2	4	8	10	5	4	3	1	2	2	5
20	2	1	0	1	0	0	2	3	2	3	5	4	6	4	7	6	4	4	7	1	2	5	2	5	3
21	2	0	1	1	1	0	2	3	6	2	5	8	4	5	7	10	9	6	5	2	2	3	2	2	4
22	0	1	0	17	5	1	3	4	5	7	6	7	2	4	2	7	3	2	4	1	0	0	1	0	3
23	2	4	1	2	1	1	3	5	7	7	8	8	6	10	11	14	12	20	18	12	13	13	16	12	9
24	9	9	11	11	10	10	13	23	21	18	16	11	17	21	36	35	46	56	51	41	44	43	40	33	26
25	27	20	12	5	14	15	17	18	18	15	14	16	18	20	18	23	26	29	39	43	27	17	4	27	20
26	25	37	30	7	3	5	9	12	15	15	12	13	13	13	17	18	20	18	10	12	17	52	47	45	19
27	46	45	38	32	27	24	19	30	28	24	20	14	11	12	14	20	16	19	12	17	10	8	5	4	21
28	3	3	2	1	1	2	4	3	7	8	11	5	6	9	13	11	18	13	7	6	9	10	7	6	7
29	4	4	3	3	1	2	3	6	11	19	12	18	21	44	58	48	28	31	28	29	23	19	24	14	19

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
6	6	10	6	24	29	41	46	0	-	58	2	-	26	3	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: FEBRUARY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	11	10	10	10	10	11	9	9	10	8	10	7	9	11	11	14	13	10	11	10	10	10	10
2	11	10	10	11	10	11	10	10	10	10	6	0	0	0	0	1	0	1	0	0	0	0	0	2	5
3	1	0	0	0	0	0	0	1	1	1	2	6	1	0	0	3	3	5	2	2	0	1	0	0	1
4	1	0	2	1	1	1	1	1	0	1	0	0	0	1	1	2	3	3	3	1	0	1	2	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	1	0	1	1	0	2	0
6	4	5	5	4	4	3	1	3	5	7	7	4	3	4	5	5	5	6	4	4	4	3	4	0	4
7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	1	0
8	0	0	0	0	0	1	0	0	1	1	0	2	2	0	2	0	0	1	0	0	0	0	0	0	0
9	0	0	1	1	2	1	0	1	1	3	3	3	3	3	3	1	0	0	0	0	1	0	0	1	1
10	0	0	0	0	0	0	0	1	2	5	6	3	0	0	1	0	1	2	0	0	0	0	1	4	1
11	2	0	0	0	0	1	1	1	3	3	3	1	0	0	0	0	1	3	3	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	1	2	2	2	2	0	0	0	0	1	3	0	0	0	0	0	1
13	1	0	0	0	0	0	0	1	2	3	5	1	0	0	0	0	2	4	4	2	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0
15	1	1	0	0	0	1	0	0	1	5	8	4	5	4	6	6	5	4	6	4	1	1	1	1	3
16	3	3	4	3	3	3	3	2	2	2	2	1	1	0	1	0	3	4	2	1	1	1	1	0	2
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1	0	0	0	0	0	0
19	0	1	0	1	1	1	1	0	0	1	0	1	1	0	2	1	3	1	5	2	1	0	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	0
21	3	3	2	2	2	2	2	1	0	1	2	2	1	0	0	1	2	3	6	3	2	3	2	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0
23	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
25	2	2	1	1	1	3	0	1	1	1	1	1	1	1	2	3	3	4	6	4	1	2	1	0	2
26	2	2	0	0	1	0	0	0	0	4	5	0	1	1	3	1	2	4	2	0	2	2	0	1	1
27	0	0	0	0	0	1	0	0	0	3	2	1	1	1	0	2	4	1	0	0	0	2	1	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	3	1	2	1	1	0	0	0	0	0	5	5	4	6	3	3	3	1	1	1	0	2

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----									RANGE-----		STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
2	0	1	0	4	7	10	11	0	-	14	0	-	10	2	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: FEBRUARY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
2	M	M	M	M	M	M	M	M	M	M	M	6	22	36	40	40	40	41	40	40	38	36	34	30	
3	31	28	22	19	18	17	16	15	15	15	15	22	26	27	28	32	34	35	38	40	38	36	37	32	27
4	32	33	36	35	32	33	34	35	37	38	39	36	36	38	38	40	38	36	35	33	31	32	32	28	35
5	28	29	28	27	28	29	34	35	32	32	34	31	31	34	36	31	28	29	30	34	36	32	32	25	31
6	26	27	25	23	22	21	16	16	18	17	19	21	21	23	24	24	27	26	25	26	26	26	26	21	23
7	19	17	14	14	14	15	16	18	17	17	18	20	24	31	40	43	43	44	46	48	48	48	47	39	29
8	37	33	26	19	14	15	15	15	15	17	15	16	16	15	17	17	19	24	26	24	23	21	19	14	20
9	12	11	11	13	15	16	15	17	22	26	28	25	22	22	21	22	29	23	19	20	25	25	19	17	20
10	19	18	16	14	12	8	7	9	11	14	16	16	13	11	14	15	14	15	12	10	11	11	15	23	14
11	27	20	14	14	2	1	4	7	20	15	14	11	5	3	3	5	8	11	10	9	8	8	7	7	10
12	6	6	6	4	3	4	4	3	4	4	3	3	4	4	4	6	7	9	9	12	13	13	15	15	7
13	16	17	14	12	11	10	9	10	9	10	12	13	13	14	15	17	18	18	16	15	14	14	13	12	13
14	14	M	11	9	13	14	11	10	12	16	15	13	15	15	15	17	19	19	17	13	14	14	15	12	14
15	11	9	11	9	12	16	14	15	37	51	58	49	17	28	18	20	37	28	17	7	6	7	25	35	22
16	53	35	69	46	48	71	64	48	42	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
19	0	0	1	0	0	0	0	2	2	5	1	1	0	0	0	0	2	1	5	3	0	0	0	0	1
20	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
21	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	8	0
24	0	0	0	0	0	0	3	1	1	0	0	0	1	7	1	2	30	47	53	20	18	34	45	51	13
25	45	29	19	16	16	19	4	6	14	20	15	9	1	2	19	26	29	40	50	58	49	16	0	0	21
26	1	1	1	0	0	0	0	0	0	1	0	1	1	0	0	2	2	1	0	3	1	0	0	52	3
27	18	23	20	1	0	0	0	1	0	1	2	2	0	0	0	1	6	4	1	1	0	0	0	0	3
28	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	1	1	60	107	105	74	62	63	52	42	46	35	20	28

MONTHLY STATISTICS:

GEOM		ARITH-----PERCENTILES-----							RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
14	9	14	9	36	43	52	62	0	-	107	0	-	35	3	95	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
11	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL	
1	0	0	0	0	0	1	1	0	-	2	0	-	0	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	5	6	5	6	12	20	27	26	21	24	28	22	27	24	26	32	36	25	19	13	9	24	19
2	30	28	24	22	24	21	18	19	21	38	32	28	18	26	14	16	16	16	15	12	8	7	7	6	19
3	6	6	5	5	5	5	6	7	11	12	12	14	17	20	23	22	28	24	33	15	14	23	22	9	14
4	6	5	6	5	5	6	6	7	7	8	9	9	9	9	19	28	27	27	28	27	28	28	28	26	15
5	29	26	24	19	16	15	12	12	18	15	22	16	20	23	21	24	25	22	16	9	8	8	8	7	17
6	6	5	4	4	4	5	7	9	12	15	13	12	10	11	17	14	20	18	13	9	8	7	7	8	10
7	7	6	4	4	4	5	9	10	11	11	11	10	14	13	12	11	11	11	10	13	15	13	13	13	10
8	13	11	9	8	9	8	10	10	10	11	11	11	12	12	13	14	14	14	14	15	13	11	11	9	11
9	7	7	5	5	6	8	9	10	10	14	15	14	14	12	13	13	11	12	13	13	13	11	10	8	11
10	8	7	5	5	4	4	5	6	7	8	9	10	9	8	11	11	14	9	11	13	10	13	18	24	10
11	27	28	27	25	26	17	14	15	18	28	29	19	10	8	8	8	11	10	9	7	7	7	8	7	16
12	5	4	4	4	4	4	5	6	6	6	6	5	5	5	6	8	7	7	8	7	7	7	7	7	6
13	7	6	6	5	5	5	6	7	7	7	8	15	18	27	12	19	18	23	16	14	21	21	17	7	12
14	16	M	21	21	16	14	21	26	27	23	21	24	19	10	10	9	9	11	14	15	11	11	10	21	17
15	7	7	25	10	7	5	21	28	28	36	33	22	14	15	13	12	10	14	19	9	8	12	20	17	16
16	17	12	14	18	32	27	20	18	20	24	14	13	12	11	12	12	14	11	9	7	7	8	7	6	14
17	5	5	4	4	4	4	5	7	8	13	13	11	10	12	13	17	14	10	9	7	6	6	6	6	8
18	5	5	4	4	4	4	6	8	9	9	9	8	8	6	6	6	7	7	10	9	8	7	7	8	7
19	7	6	4	4	5	6	13	17	17	20	18	18	13	13	15	13	17	13	12	12	10	8	6	6	11
20	5	5	4	4	4	4	7	13	16	15	15	15	12	14	16	18	21	17	13	13	14	13	8	15	12
21	11	6	6	7	7	8	15	15	18	16	13	12	9	10	13	14	15	15	12	12	10	8	6	5	11
22	5	4	4	3	4	9	13	17	20	18	16	14	10	8	9	14	13	13	11	8	7	6	5	9	10
23	5	14	13	3	3	3	7	9	12	11	12	11	9	12	13	12	10	11	14	10	8	8	11	20	10
24	19	13	7	10	10	9	13	13	13	16	16	25	26	22	21	25	26	25	21	20	19	19	20	17	18
25	18	16	12	8	7	10	12	12	11	12	9	10	11	11	13	15	17	18	22	19	20	26	25	20	15
26	22	17	19	20	12	8	16	17	17	15	13	14	18	19	14	16	17	17	35	28	28	29	27	25	19
27	24	22	22	21	17	13	13	16	18	17	19	16	17	14	12	19	20	23	17	16	11	9	8	7	16
28	6	M	5	5	5	5	7	9	12	14	18	18	16	14	16	20	20	19	14	17	19	17	31	15	14
29	17	10	12	18	22	12	13	20	13	29	24	24	21	37	37	30	24	20	18	19	20	18	17	16	20

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
12	12	13	12	24	27	29	33	3	-	38	6	-	20	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	M	M	M	M	M	M	M	M	M	M	M	7	3	4	3	3	3	3	2	2	2	2	1	1	
2	3	2	2	2	2	3	2	2	3	4	4	3	1	1	2	1	1	1	2	1	2	1	1	2	2
3	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	1
5	2	2	1	1	2	1	2	1	1	2	1	2	2	2	2	1	1	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	0	0	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	3	2	2	2	2	2	1	2	2	2
8	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
9	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	0	1	1	1	1	0	1	1	1
10	1	1	1	1	1	1	0	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1
11	1	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	0	1
12	1	0	1	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	0	1
14	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
15	1	1	1	1	1	1	1	1	1	3	2	0	1	2	2	1	1	1	1	1	2	2	1	1	1
16	1	1	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	0	1
17	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1
18	1	2	1	1	1	1	1	1	1	M	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1
20	1	1	2	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	2	1	1	1
21	1	1	2	1	2	1	1	1	0	1	2	2	1	1	1	2	2	1	1	2	2	1	1	1	1
22	1	1	2	1	1	1	1	1	1	3	2	1	1	2	1	2	3	2	2	2	2	2	2	2	6
23	3	5	3	2	2	2	2	2	2	2	2	1	3	2	2	2	1	2	2	2	2	2	2	1	9
24	3	2	2	2	2	2	4	3	4	4	3	6	3	4	3	5	5	3	3	3	2	3	3	5	3
25	4	3	3	1	3	3	2	3	4	2	3	3	3	3	4	2	3	3	3	3	4	3	2	8	3
26	5	4	4	3	2	2	3	2	3	2	2	3	2	3	3	4	5	3	4	3	4	4	6	9	4
27	7	4	4	3	3	3	3	2	2	3	3	2	3	2	5	4	3	3	3	3	1	2	2	2	3
28	4	1	3	1	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	6	2
29	3	2	2	2	2	2	2	2	3	5	4	5	3	7	6	4	4	3	3	1	3	2	3	4	3

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----RANGE-----											STN GEOM	PERCENT	NO. OF TIMES			
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL			
2	1	2	1	3	4	5	6	0	-	9	1	-	4	2	98	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	M	M	M	M	M	M	M	M	M	M	M	62	62	63	49	46	48	65	73	67	45	34	25	53		
2	76	70	65	62	63	54	47	46	45	62	54	52	34	39	23	11	10	9	14	15	10	8	8	8	37	
3	7	7	6	6	5	5	6	8	9	16	16	13	27	42	48	48	60	41	33	63	70	59	24	28		
4	13	M	14	11	9	8	11	7	8	9	10	8	7	26	51	66	58	47	56	57	56	64	57	71	31	
5	72	66	41	57	36	45	27	24	34	37	24	28	46	54	45	54	41	37	42	15	10	15	13	8	36	
6	6	6	5	6	6	6	9	14	16	20	16	13	15	15	20	23	29	28	24	22	12	10	16	15	15	
7	12	9	7	7	7	10	19	21	27	32	28	28	42	34	31	30	30	32	31	42	42	38	38	35	26	
8	36	30	24	22	28	23	31	31	32	36	33	33	30	28	34	38	39	39	42	42	38	36	30	21	32	
9	15	14	10	10	20	25	26	30	32	39	39	32	32	26	28	26	24	29	36	39	35	27	27	18	27	
10	18	16	14	11	13	12	15	17	22	21	20	22	21	18	21	22	30	21	44	29	28	35	32	64	24	
11	76	47	37	23	8	31	21	26	41	55	25	8	6	7	8	11	23	18	12	14	14	15	17	12	23	
12	10	7	7	5	4	5	6	8	8	8	7	6	8	8	17	14	10	9	10	8	7	6	7	7	8	
13	8	8	7	6	5	5	5	7	9	7	10	27	28	10	29	41	38	40	48	45	43	78	109	29	27	
14	14	15	6	9	25	17	24	32	41	56	55	56	36	16	13	9	11	16	18	29	43	35	37	44	27	
15	11	8	10	7	8	9	19	52	58	75	71	24	12	23	16	20	19	26	20	21	24	32	35	24	26	
16	26	41	35	66	83	64	50	42	44	48	14	13	15	12	11	10	17	12	10	11	13	14	12	9	28	
17	8	6	6	5	4	11	11	18	26	16	15	16	14	23	27	36	34	27	12	7	5	6	6	6	5	14
18	4	M	3	4	3	3	5	6	8	M	9	8	5	5	5	6	7	9	9	8	6	6	6	6	6	6
19	4	4	3	10	6	4	7	20	17	21	14	12	12	10	13	11	14	13	11	9	7	8	6	6	10	
20	5	5	4	4	3	4	7	10	12	11	10	10	8	6	7	11	20	15	12	12	10	6	6	12	9	
21	6	4	5	7	7	6	8	9	18	12	11	13	9	9	8	13	9	18	13	11	5	5	4	3	9	
22	2	2	5	18	12	8	3	7	37	46	25	16	11	10	10	11	28	24	23	23	22	21	22	20	17	
23	24	49	40	23	22	23	25	29	30	29	26	29	29	32	36	37	40	42	44	44	40	40	41	51	34	
24	49	41	33	35	36	34	37	38	38	42	43	48	52	53	55	63	69	65	59	55	52	50	50	43	48	
25	45	42	35	24	23	30	34	34	32	31	28	30	32	32	37	43	49	49	60	53	62	66	56	57	41	
26	57	48	54	48	38	28	42	46	47	44	39	38	38	44	42	53	56	59	83	63	82	75	67	58	52	
27	55	52	54	50	43	37	37	44	47	48	44	39	35	36	48	57	54	51	77	47	39	35	35	28	46	
28	30	28	30	25	28	28	31	36	40	42	43	43	41	42	42	48	50	62	63	58	57	48	47	39	42	
29	37	35	33	33	44	45	46	48	55	70	62	66	47	83	76	67	52	43	40	47	50	48	46	46	51	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR			DEVIATION	VALID DATA	ABOVE LIMIT LEVEL	
21	26	28	26	56	63	71	76	2	-	109	6	-	52	2	98	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	2	2	1	2	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	2	2
2	2	2	2	2	4	2	3	3	9	8	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	1	1	1	2	1	1
5	1	2	2	1	2	1	1	1	2	2	2	3	3	2	3	2	1	2	1	1	1	2	1	1	2
6	1	1	1	1	1	1	1	1	1	1	M	2	2	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	2
9	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
10	1	1	1	1	2	2	1	2	2	2	3	3	2	2	2	2	2	2	1	1	1	2	2	7	2
11	10	6	4	4	3	3	3	3	5	14	9	2	2	2	2	2	2	2	2	2	2	2	1	1	4
12	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	2	2	2	2	2	1	3	2	1	1	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1
15	1	1	1	1	1	1	2	3	5	9	6	4	3	3	3	4	3	3	2	2	2	2	3	4	3
16	3	3	3	3	4	3	3	3	4	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2
19	3	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	2	3	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	3	2
21	3	3	3	4	3	3	2	2	2	3	3	2	2	3	3	4	5	3	3	2	2	2	2	2	3
22	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
24	2	2	2	2	2	2	3	3	3	3	4	5	4	4	4	3	5	3	3	2	2	3	3	3	3
25	3	3	3	2	2	2	2	3	4	3	3	4	3	3	3	3	3	2	2	2	2	2	2	3	3
26	3	3	3	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	3	4	2
27	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1
29	2	2	2	2	2	2	2	2	2	2	2	2	3	5	4	3	3	3	3	3	2	2	2	2	2

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
2	2	2	2	3	3	5	6	1	-	14	1	-	4	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	8	7	6	12	18	28	13	9	8	7	7	6	6	15	30	36	27	16	10	13	19	45	15
2	23	27	26	35	65	50	54	52	53	34	10	9	6	7	7	7	5	7	14	15	10	10	9	11	23
3	9	9	8	7	6	7	9	9	11	11	12	11	10	10	23	12	10	16	25	13	9	20	7	9	11
4	6	8	11	8	8	8	8	9	9	13	13	8	9	9	9	12	34	27	23	21	29	26	52	20	16
5	24	46	15	9	17	11	15	18	27	25	16	15	10	14	12	13	17	14	10	7	8	8	8	7	15
6	6	M	6	6	6	7	10	12	8	8	M	9	7	8	11	13	13	11	12	10	9	9	14	14	10
7	10	8	7	7	8	8	13	17	15	19	22	26	34	36	32	31	32	35	34	40	43	41	40	36	25
8	35	33	22	17	14	23	26	25	29	30	31	24	17	21	25	30	35	39	42	40	36	33	27	22	28
9	18	17	11	14	17	25	26	32	32	37	38	32	31	30	30	32	32	34	36	34	37	29	21	20	28
10	20	22	16	11	12	12	13	14	18	21	21	23	16	12	6	7	24	13	14	26	25	33	43	79	21
11	78	53	58	16	14	25	14	25	35	66	52	7	5	4	4	4	7	7	12	12	10	11	9	9	22
12	7	5	6	5	4	5	7	8	7	6	5	5	4	4	4	5	5	4	5	6	7	6	7	6	6
13	9	10	7	7	7	8	9	11	10	11	12	8	5	26	6	5	6	10	9	9	11	12	8	13	10
14	13	13	7	6	8	15	13	12	18	12	8	5	5	4	3	2	3	4	4	4	5	8	15	7	8
15	7	7	11	9	14	12	17	53	58	60	51	38	25	29	26	35	36	24	20	21	23	54	65	73	32
16	79	64	57	49	63	58	47	40	42	28	10	10	9	7	6	5	5	4	5	7	7	8	6	7	26
17	7	7	6	6	5	9	10	11	12	11	10	10	7	8	8	8	7	8	10	9	10	7	8	6	8
18	5	5	4	4	4	4	6	7	6	7	6	5	4	4	4	4	7	6	8	8	8	6	6	12	6
19	21	14	11	8	9	6	8	22	16	16	16	11	9	6	8	7	9	12	10	10	9	9	5	7	11
20	5	M	7	7	5	6	6	7	6	7	7	5	4	5	6	7	9	11	10	7	18	12	9	15	8
21	10	6	12	34	17	13	9	7	6	7	9	8	5	12	12	21	21	11	9	6	5	8	8	4	11
22	4	5	8	4	5	5	5	7	13	13	11	6	5	5	6	5	5	6	8	5	4	6	6	10	7
23	7	7	8	6	6	8	9	11	12	12	11	11	11	12	13	15	19	20	16	11	11	15	19	24	12
24	23	17	16	21	26	24	34	37	23	33	38	40	40	43	47	53	60	62	60	55	52	55	53	50	40
25	45	42	31	18	17	28	31	32	31	28	23	24	23	23	31	32	39	45	57	52	53	51	34	60	35
26	59	49	46	20	11	14	20	19	18	18	15	22	32	34	13	19	15	18	14	18	28	71	71	65	30
27	66	64	53	32	26	23	26	30	34	32	22	16	15	12	12	16	24	17	14	17	16	15	12	9	25
28	10	8	7	7	7	8	8	10	11	14	14	11	10	9	15	18	20	14	12	17	21	21	22	15	13
29	22	10	9	9	8	11	14	22	18	23	22	14	35	81	79	64	48	42	42	48	47	42	38	32	33

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
14	12	18	12	41	53	64	71	2	-	81	6	-	40	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	7	7	7	6	6	6	6	7	7	6	6	6	6	6	6	5	6	6	6	6	6	6	6	10	6
2	7	6	6	6	6	6	7	7	9	9	8	7	8	7	6	6	5	5	6	6	6	6	6	6	9	7
3	5	7	7	7	5	6	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	8	6
4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	7	10	6
5	7	7	7	7	7	7	7	7	8	8	8	8	7	7	7	7	7	7	7	7	7	6	7	9	7	
6	7	4	6	7	6	6	7	7	7	7	7	7	7	6	6	5	6	6	6	6	6	6	7	9	6	
7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	4	6	6	5	3	3	1	2	1	2	6	
8	0	0	0	0	0	0	1	6	6	6	6	6	4	0	1	0	3	1	0	3	6	2	0	2	2	
9	0	0	0	0	0	2	1	5	4	6	6	0	0	0	1	6	0	1	0	0	0	0	0	2	1	
10	0	0	0	0	0	0	0	2	0	0	1	0	1	0	1	1	1	3	2	0	3	4	4	7	1	
11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	0	1	2	1	
12	0	2	1	2	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	1	2	4	1	
13	1	3	4	4	4	4	5	5	5	5	4	4	4	4	4	3	3	3	4	4	4	4	4	4	7	4
14	4	4	5	5	4	4	4	4	4	5	4	3	3	3	4	4	4	3	3	3	3	3	3	6	4	
15	4	3	4	4	4	4	3	3	3	3	3	3	3	4	3	2	2	2	3	4	3	3	4	7	3	
16	5	4	4	4	5	5	5	4	4	4	4	3	3	3	2	2	2	3	3	2	3	3	3	5	4	
17	3	3	3	3	3	3	2	3	2	4	3	2	1	2	5	3	0	2	2	3	2	1	0	3	2	
18	5	7	6	6	6	6	6	6	6	6	6	6	6	6	5	5	6	6	6	6	7	7	7	11	6	
19	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	7	7	7	7	10	8	
20	8	8	7	7	7	7	7	7	8	8	8	8	8	9	8	8	8	7	7	7	7	8	7	11	8	
21	9	8	8	7	7	7	6	8	8	9	10	7	8	9	9	9	8	8	8	8	8	8	8	11	8	
22	8	8	8	8	8	8	8	8	8	8	8	9	9	M	M	M	0	0	0	0	0	0	0	1	5	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	4	1	
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4	1	
29	2	2	1	2	2	2	2	2	1	1	2	2	2	3	2	2	2	2	3	2	2	2	2	5	2	

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----													RANGE-----		STN GEOM	PERCENT	NO. OF TIMES
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL			
4	3	4	3	8	8	9	9	0	-	11	0	-	8	2	100	0	

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: FEBRUARY

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	4	5	1	22	15	24	52	36	33	13	0	1	4	8	7	7	11	6	3	2	1	59	13
2	29	12	23	15	18	27	36	41	40	33	16	4	10	5	2	1	0	0	1	7	3	1	2	3	14
3	2	2	5	7	3	7	0	4	3	11	6	10	10	4	6	2	0	0	3	5	11	14	1	11	5
4	3	1	2	2	1	1	2	3	5	4	5	4	1	3	5	44	55	57	28	8	5	18	19	33	13
5	15	30	20	11	8	28	25	28	32	35	31	16	9	28	20	10	12	9	2	6	3	3	1	1	16
6	1	1	0	2	2	1	10	9	3	10	7	6	10	2	1	6	8	6	4	9	5	2	6	38	6
7	24	13	3	3	1	4	0	20	27	29	38	34	26	21	20	21	21	25	25	20	19	18	15	15	18
8	13	9	4	3	5	6	6	6	14	18	13	13	12	14	13	15	16	14	14	10	7	8	5	10	10
9	5	3	2	2	3	2	4	6	10	17	11	9	9	12	13	16	14	8	7	8	7	6	4	10	8
10	9	5	3	3	1	2	3	6	8	13	11	12	12	9	10	4	0	0	11	16	55	61	46	71	15
11	63	51	27	14	11	13	14	24	23	22	18	28	24	6	1	0	0	3	1	3	28	11	8	5	17
12	7	1	0	0	0	0	0	2	0	3	8	1	1	0	0	0	0	0	1	2	1	1	1	1	1
13	0	5	4	2	1	13	0	18	32	20	26	11	5	12	15	2	3	1	0	0	0	3	5	27	9
14	38	M	36	40	26	24	32	42	53	45	20	2	1	2	4	7	3	4	4	3	3	20	36	23	20
15	28	39	14	17	27	26	17	25	23	24	11	18	18	11	6	8	4	16	32	48	46	58	58	72	27
16	57	50	42	37	48	32	26	24	20	24	28	1	0	0	6	1	0	0	0	2	2	0	0	3	17
17	2	4	3	1	1	2	1	4	5	11	9	11	8	3	8	1	0	0	3	16	17	34	6	3	6
18	0	4	5	1	3	5	1	11	2	0	0	0	0	0	0	0	4	3	1	7	3	5	13	20	4
19	23	37	32	34	15	21	36	26	20	19	12	12	9	4	8	10	7	9	18	18	13	10	7	4	17
20	5	14	11	16	8	4	5	11	17	11	10	3	7	10	16	21	16	2	4	5	13	27	23	25	12
21	36	36	6	2	0	26	1	18	12	10	7	1	4	6	4	4	8	18	23	14	10	16	12	11	12
22	14	9	5	14	6	20	18	24	19	40	18	13	4	M	M	M	0	0	0	0	0	0	0	24	11
23	8	0	9	25	16	0	0	0	0	0	0	0	0	1	0	0	0	8	39	42	41	38	19	16	11
24	7	6	1	0	0	0	0	4	12	12	10	11	17	20	30	37	35	43	45	42	21	7	3	8	15
25	3	1	2	3	0	0	0	0	7	5	5	7	6	7	11	15	23	29	35	39	27	37	38	36	14
26	12	16	8	2	6	2	1	1	7	23	20	13	16	19	2	1	0	0	2	44	43	45	40	29	15
27	30	33	29	15	8	2	0	3	13	13	21	19	21	20	2	0	9	52	54	50	45	37	28	23	22
28	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	46	39	50	79	74	63	47	18
29	40	34	34	43	37	56	17	49	35	23	29	28	42	62	50	31	17	18	16	15	19	19	20	10	31

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR			DEVIATION	VALID DATA	ABOVE LIMIT LEVEL	
9	8	14	8	36	45	55	61	0	-	79	1	-	31	3	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	2	10	0	1	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----RANGE-----											STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
2	0	0	0	0	0	0	1	0	- 10	0	- 1	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	6	7	11	6	4	8	16	30	35	32	25	23	20	25	27	26	27	25	24	17	15	20	18	19
2	15	13	10	8	6	5	8	13	20	26	27	25	20	26	25	32	45	41	49	55	62	60	36	16	27
3	12	11	8	6	6	4	4	6	6	7	7	10	7	10	4	9	7	4	5	3	2	3	1	2	6
4	1	1	2	2	1	1	1	1	4	3	4	6	5	5	7	5	6	4	3	6	4	2	3	2	3
5	5	0	0	1	1	2	3	3	6	6	7	6	7	4	5	3	6	10	6	2	2	2	5	12	4
6	4	6	5	1	0	0	1	2	5	11	21	21	30	30	33	42	51	50	52	52	48	34	31	23	23
7	9	6	3	4	4	4	7	9	16	13	15	16	15	20	22	35	41	41	42	34	29	24	18	14	18
8	8	7	5	3	4	3	10	20	22	21	15	11	10	7	14	12	11	7	6	3	3	5	2	7	9
9	4	4	4	3	3	3	3	6	8	12	13	10	10	12	12	13	12	14	10	8	7	7	6	4	8
10	4	3	6	6	6	4	3	3	4	3	3	4	4	4	6	7	7	4	6	6	5	3	3	7	5
11	4	3	2	1	1	3	4	8	22	45	33	20	14	6	4	8	32	40	41	41	17	17	18	15	17
12	16	15	11	5	2	2	4	8	17	17	10	9	5	2	7	13	8	2	9	3	5	1	3	2	7
13	3	1	2	3	2	4	7	4	11	10	10	7	6	8	10	19	11	6	4	3	2	3	5	1	6
14	3	1	2	3	2	2	2	5	7	7	9	16	11	17	21	19	14	20	17	6	7	13	9	9	9
15	7	6	4	5	2	5	3	6	11	15	17	17	17	18	10	14	18	15	9	4	5	5	3	4	9
16	6	2	3	2	3	2	2	3	6	8	18	13	18	17	16	20	18	18	11	10	3	1	0	2	8
17	1	1	1	2	1	1	2	5	2	9	9	12	5	2	6	7	5	13	12	19	3	3	1	1	5
18	0	2	0	0	0	3	0	1	11	10	6	9	6	5	7	9	14	15	14	4	19	6	5	3	6
19	5	3	2	2	2	1	9	17	21	23	22	18	16	15	23	24	35	30	22	33	25	22	23	18	17
20	11	19	15	5	4	3	10	14	18	20	13	10	6	5	7	8	10	12	7	5	2	3	2	2	9
21	2	3	3	4	2	1	3	5	8	10	7	8	4	3	3	2	7	5	7	4	4	4	2	1	4
22	1	1	1	1	1	1	2	4	6	5	5	3	7	5	3	3	6	7	7	6	5	1	0	1	3
23	1	0	0	1	1	2	4	4	3	6	5	4	4	4	4	3	5	7	8	2	4	2	0	2	3
24	1	5	2	3	3	4	7	8	3	5	4	1	1	1	1	4	6	12	10	7	8	11	5	5	5
25	4	0	0	1	0	1	2	6	5	5	3	15	2	8	3	2	4	3	3	2	2	27	3	1	4
26	0	1	4	9	12	14	7	10	9	25	32	25	40	33	25	18	10	14	15	4	6	4	2	2	13
27	1	M	2	1	0	1	2	2	3	8	8	6	7	11	14	18	13	10	14	5	4	2	8	1	6
28	1	0	0	1	1	0	1	1	7	24	18	9	13	2	5	14	28	27	18	12	12	17	15	2	10
29	2	2	13	25	11	8	6	7	12	26	39	32	25	16	18	18	18	26	25	22	23	9	6	2	16
30	3	1	1	1	0	1	1	5	3	3	5	5	5	3	5	6	9	10	13	9	9	9	4	1	5
31	2	1	1	0	0	1	2	1	4	3	1	2	5	7	9	7	6	6	7	6	8	7	1	4	4

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----								RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
6	6	9	6	23	30	41	49	0	-	62	3	-	27	3	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: MARCH

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	1	2	2	0	1	2	4	5	3	0	3	3	1	2	0	0	0	1	1	1	1	1
4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	0	0	1	1	1	1	1	1
6	3	2	2	2	3	3	1	2	0	0	0	0	0	4	5	8	8	6	5	4	4	3	4	0	3	0
7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	1	0	1	2	1	1	1	1	0	0	5	7	1	0	1	2	1	4	4	1	0	1	1	1	0	2
9	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0
10	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	M	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
16	3	2	2	2	3	4	3	3	2	1	0	2	0	1	2	2	5	5	5	3	3	3	3	3	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	1	0	0	0	0	0	0
18	1	2	1	1	0	1	1	0	1	0	1	2	0	1	0	2	0	1	3	1	0	2	1	0	1	0
19	1	1	2	1	2	2	0	2	2	0	0	0	1	2	1	5	7	3	7	4	1	3	2	1	2	2
20	4	3	2	1	2	2	2	1	6	5	1	3	1	1	3	3	3	7	5	3	2	1	1	0	3	0
21	1	1	1	0	1	0	0	1	2	0	0	1	0	0	1	2	2	5	5	0	1	1	0	0	1	0
22	3	2	2	2	2	1	1	1	0	0	1	1	1	1	2	2	3	3	6	3	2	3	2	0	2	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	1	0	0	0	0	0	0
24	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	2	3	4	3	1	0	0	0	1	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	5	5	6	9	5	3	4	2	1	2	0
26	1	1	1	1	1	1	1	0	2	3	4	7	2	1	0	3	5	4	4	4	2	1	1	0	2	0
27	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	1	3	5	4	2	1	1	0	0	1	0
28	0	0	0	0	0	1	0	0	0	3	13	11	7	6	10	6	5	4	6	4	2	2	1	1	3	0
29	4	3	2	2	2	3	2	1	2	4	3	3	2	3	5	6	6	7	7	6	4	3	4	3	4	0
30	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3	3	6	6	4	3	4	3	0	2	0
31	0	1	0	0	0	0	0	2	0	0	0	0	M	1	1	1	1	2	2	1	1	2	1	1	1	0

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
2	0	1	0	3	5	6	7	0	-	13	0	-	4	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: MARCH

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	10	3	0	0	0	1	7	16	40	47	31	17	22	17	14	20	25	26	15	13	2	0	2	14
2	3	7	3	0	0	0	0	3	11	19	29	23	38	32	22	29	50	57	55	49	74	51	10	7	24
3	7	2	1	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	1	3	4	2	0	4	1	
5	3	0	1	3	5	5	1	0	0	4	0	4	0	2	2	7	1	28	7	2	3	21	26	22	6
6	17	1	2	3	36	19	17	19	14	6	1	5	2	47	77	98	92	102	103	98	93	87	77	8	43
7	1	0	0	0	0	0	0	1	3	3	5	3	6	7	10	14	20	25	21	16	14	11	8	3	7
8	1	0	0	0	0	0	2	7	10	4	5	4	0	0	0	0	2	2	1	0	1	1	0	0	2
9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	4	7	6	5	2	1	0	1
10	0	0	0	2	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	19	68	60	33	35	45	67	66	90	93	48	21	11	5	10	28
12	4	5	4	0	1	0	1	6	2	0	0	0	0	0	0	M	4	2	2	7	10	8	6	2	3
13	1	M	3	2	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	0	0	1	11	12	2
14	10	5	8	8	8	7	8	9	9	9	10	11	10	10	10	11	11	14	15	13	12	14	14	14	10
15	11	10	6	6	8	8	7	10	12	15	20	19	15	19	15	17	17	18	16	10	11	13	9	10	13
16	8	9	7	7	7	8	13	11	12	14	16	21	19	12	21	11	20	24	13	7	6	4	7	8	12
17	7	8	10	15	12	11	9	11	12	14	17	13	6	10	7	7	9	30	43	31	22	16	31	7	15
18	6	7	11	20	17	17	24	24	31	30	25	12	8	4	3	4	6	5	4	6	2	1	3	3	11
19	2	5	3	2	3	6	10	11	11	11	15	26	28	28	47	69	76	63	53	26	23	16	13	13	23
20	13	12	11	10	11	13	14	21	20	16	16	9	8	12	14	13	11	13	11	11	12	12	10	10	13
21	7	8	9	9	7	7	9	12	13	10	9	10	9	10	8	7	8	6	8	9	9	10	8	9	9
22	7	9	8	6	9	7	9	10	9	10	10	13	11	8	8	6	8	8	8	10	6	5	6	7	8
23	11	5	8	7	10	11	16	15	14	12	10	7	7	8	8	7	7	11	13	16	14	15	15	16	11
24	27	15	9	15	14	12	13	16	8	15	9	7	5	4	8	8	13	10	14	9	12	19	15	11	12
25	9	6	5	5	3	3	7	14	12	8	5	2	17	14	13	20	23	26	37	31	40	44	15	18	16
26	10	12	9	10	12	16	21	34	37	43	52	56	39	43	21	19	19	28	26	24	18	12	10	9	24
27	7	M	6	6	5	5	5	7	7	8	7	7	6	7	9	8	9	11	11	10	9	14	20	11	8
28	2	2	1	3	1	2	5	14	21	46	91	69	70	40	63	47	35	24	36	36	23	18	16	43	30
29	50	33	9	15	15	31	33	28	40	40	26	35	28	25	29	44	25	30	44	61	30	18	31	41	32
30	22	9	7	8	11	8	8	12	12	4	1	2	0	0	0	5	16	20	25	33	32	48	26	13	13
31	13	17	14	11	6	8	16	17	10	10	7	7	M	20	9	11	10	25	26	21	24	31	13	18	15

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
10	9	13	9	31	47	69	91	0	-	103	0	-	43	3	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: MARCH

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	M	M	10	10	9	9	9	9	11	3
21	9	9	9	9	9	9	9	9	9	9	9	10	9	10	9	9	9	9	9	9	9	9	9	10	9
22	9	9	9	9	9	9	9	9	9	9	9	9	9	10	9	9	9	9	9	9	9	9	9	10	9
23	9	9	9	9	10	9	9	9	9	9	10	10	9	10	10	10	10	10	9	9	10	10	10	11	10
24	9	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	9	10	9	10	10	10	11	10
25	10	10	9	9	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	9	10	9	10	10	11	11	12	11	11	11	10	10	11	10	11	10	10	10	11	10
27	9	9	9	9	9	9	9	9	9	9	9	9	9	10	9	10	10	9	9	9	9	9	10	11	9
28	10	9	9	9	9	9	9	9	10	10	11	10	11	10	9	10	10	11	10	10	10	10	10	12	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	10	10	10	10	10	10	10	10	12	10
30	10	10	10	10	10	9	10	9	10	10	9	9	10	9	9	10	10	10	10	10	10	10	9	10	10
31	10	10	9	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	11	10

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
9	0	4	0	10	10	11	11	0	-	12	0	-	10	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: MARCH

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	10	11	8	7	6	7	10	17	20	23	21	19	19	19	17	17	16	18	15	13	11	10	13	14
2	14	10	9	8	8	6	7	8	11	14	16	17	18	22	23	22	25	26	29	29	32	34	31	24	18
3	19	13	10	8	7	6	7	8	9	9	10	9	12	21	14	10	9	8	8	8	7	7	6	6	10
4	6	5	5	5	5	6	7	9	13	15	17	20	18	20	21	19	21	18	12	11	10	9	13	11	12
5	15	8	6	6	6	11	14	16	21	23	23	21	18	11	9	9	16	26	16	11	9	10	9	9	13
6	8	7	9	5	5	9	15	20	22	23	19	22	24	25	29	32	33	33	31	29	28	23	21	19	20
7	10	8	7	7	7	7	8	10	10	12	14	13	15	25	28	27	27	25	20	17	16	11	10	14	
8	8	8	6	5	5	5	7	11	15	16	17	15	13	11	15	16	14	15	11	8	7	8	8	7	10
9	6	7	7	6	6	7	7	7	9	12	14	13	14	14	17	15	16	14	11	10	10	10	10	8	10
10	8	7	6	7	6	6	6	6	7	6	7	7	7	7	8	8	8	8	8	8	8	8	7	8	7
11	8	6	5	5	5	6	8	12	19	28	25	18	16	19	23	22	25	28	30	28	18	22	28	21	18
12	18	13	10	7	7	7	9	16	27	25	17	15	12	13	13	14	15	14	11	11	9	7	6	7	13
13	6	M	6	6	6	6	9	9	12	13	13	19	12	12	13	17	15	10	10	8	7	7	7	5	10
14	5	5	5	4	4	4	5	5	7	8	9	10	9	9	9	12	11	12	9	7	6	5	6	5	7
15	10	23	13	10	10	9	10	12	15	19	17	16	15	15	15	16	18	15	11	8	6	6	6	6	13
16	6	5	6	6	10	7	8	11	11	15	20	21	25	28	28	35	36	34	35	39	37	35	28	29	21
17	23	22	21	25	22	18	17	17	23	22	24	23	25	15	17	30	19	20	30	32	26	23	22	22	22
18	18	16	16	16	15	15	19	19	20	22	23	23	18	16	18	19	17	16	15	13	11	13	15	18	17
19	32	17	6	7	6	9	10	15	16	16	16	12	15	15	24	29	26	37	27	17	17	13	15	15	17
20	13	11	9	8	6	6	7	10	11	20	28	17	10	13	18	M	M	18	10	8	6	6	6	6	11
21	5	5	5	5	4	4	5	9	12	15	14	14	13	15	14	14	16	18	9	7	6	6	5	5	9
22	5	4	4	3	3	4	5	7	13	14	15	15	13	12	9	9	12	14	13	8	5	4	4	5	8
23	4	4	3	4	4	5	8	9	15	16	15	13	10	10	10	11	15	13	11	8	9	14	8	9	10
24	8	8	10	8	10	8	14	12	9	9	8	10	7	6	8	8	6	11	9	6	5	5	7	7	8
25	5	4	3	5	5	3	9	16	16	8	8	7	7	12	7	10	10	6	10	15	12	13	8	7	9
26	3	2	3	5	4	8	10	13	15	17	22	24	27	30	17	16	22	26	44	18	10	8	7	5	15
27	4	M	4	4	3	3	6	6	7	10	11	9	9	13	10	10	11	11	13	8	8	6	5	4	8
28	3	3	3	2	2	3	10	15	14	26	22	15	26	13	10	14	16	24	16	23	12	8	9	15	13
29	17	5	5	7	6	11	6	14	9	15	16	18	18	17	27	14	13	17	14	19	15	11	11	13	13
30	9	5	5	9	3	8	7	10	8	8	7	6	7	5	5	9	11	12	13	12	14	15	9	7	9
31	7	6	4	4	5	7	9	7	7	6	4	4	6	8	10	10	9	11	11	10	10	11	9	7	8

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----								-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
11	10	13	10	23	28	32	35	2	-	44	7	-	22	2	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	2	2	3	3	M	3	2	2	2	1	1	1	1	1	1	2	6	2
2	3	2	2	1	2	1	1	1	2	2	2	2	3	3	4	3	3	2	2	2	3	3	2	4	2
3	2	2	2	2	1	1	2	2	1	0	1	1	2	4	3	3	2	2	2	2	1	2	1	6	2
4	2	1	1	2	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	2
5	3	3	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	8	3
6	4	2	3	2	2	3	2	3	4	9	7	8	5	7	7	7	7	8	7	6	7	5	4	8	5
7	4	3	2	2	2	2	2	2	2	3	2	2	3	3	4	4	3	3	3	2	2	2	2	6	3
8	4	2	2	3	3	2	2	3	1	3	2	2	2	3	3	3	3	3	2	2	3	3	2	5	3
9	2	4	1	3	1	3	2	2	1	2	2	1	2	2	2	3	3	3	3	2	3	2	2	4	2
10	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2	1	1	4	2
11	2	2	2	2	1	1	2	1	2	2	2	2	2	2	1	2	2	2	3	2	3	2	3	5	2
12	3	2	3	3	1	3	2	3	2	2	2	3	3	3	3	2	2	2	3	2	3	2	2	4	3
13	3	3	3	3	2	3	3	2	3	3	3	4	4	4	3	2	M	4	3	2	2	2	3	5	3
14	3	3	3	3	3	3	3	3	3	2	2	3	3	4	4	3	4	3	3	2	2	2	3	7	3
15	3	3	3	3	3	2	2	3	3	3	3	4	3	3	3	2	3	2	2	2	2	2	2	5	3
16	3	2	2	3	3	2	2	2	3	2	3	4	6	5	8	5	6	5	5	6	10	6	4	10	4
17	6	4	4	4	5	4	3	4	5	5	7	8	6	3	4	4	3	5	4	3	4	3	2	5	4
18	3	4	4	4	3	3	3	5	4	4	3	3	3	2	3	2	2	2	2	2	2	2	2	7	3
19	4	3	3	3	3	2	1	2	2	2	3	2	3	2	3	6	4	3	3	2	3	3	3	4	3
20	4	4	3	3	3	3	4	3	4	4	4	4	4	2	4	4	4	3	3	2	2	3	2	3	3
21	3	2	2	2	2	3	2	2	2	1	3	2	3	4	4	3	3	3	2	3	1	2	2	4	3
22	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	2	2	2	2	2	4	2
23	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	7	2
24	3	3	3	3	2	3	2	3	3	4	4	3	3	2	3	4	3	3	3	2	3	3	2	5	3
25	3	2	2	3	2	2	2	2	2	2	5	4	3	5	3	5	4	3	3	3	3	4	3	8	3
26	4	3	3	3	3	4	3	4	4	4	10	6	5	5	5	5	7	6	5	4	4	4	4	6	5
27	3	2	2	2	3	2	2	1	2	1	2	2	3	1	3	4	2	2	3	3	3	2	2	5	2
28	3	2	2	2	2	2	2	3	3	5	4	7	8	4	3	5	7	5	2	3	4	2	3	8	4
29	5	4	2	3	3	3	3	3	4	4	4	5	6	6	7	5	4	4	3	4	4	4	3	6	4
30	4	3	2	1	2	3	2	3	2	1	4	2	3	4	3	3	3	3	3	2	3	3	3	7	3
31	3	2	3	2	2	3	3	2	3	3	3	3	2	4	4	4	3	3	2	3	4	4	3	7	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR			DEVIATION	VALID DATA	ABOVE LIMIT LEVEL	
3	3	3	3	5	6	7	8	0	-	10	2	-	5	2	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	34	35	32	28	23	26	39	54	60	65	M	57	55	56	54	55	45	52	37	34	27	26	37	42
2	38	30	27	24	26	22	24	31	39	51	50	52	55	61	66	61	64	65	72	71	77	79	74	49	50
3	37	M	29	26	26	25	26	29	33	34	33	34	39	51	51	41	46	41	44	45	44	45	39	43	37
4	42	38	40	40	43	41	43	44	42	37	35	38	30	32	33	34	34	36	36	35	35	35	39	33	37
5	38	33	31	33	32	33	32	35	37	41	38	35	32	29	30	27	29	36	30	27	27	27	28	28	32
6	27	26	28	25	23	25	24	34	39	44	44	45	49	55	63	63	64	66	67	62	62	56	55	47	46
7	41	35	31	30	29	29	31	41	38	45	39	37	38	49	57	65	69	66	66	59	54	45	40	38	45
8	33	25	25	27	25	19	22	39	47	49	49	29	24	17	21	24	23	24	23	21	22	21	22	25	27
9	20	24	22	25	22	25	28	29	31	32	30	28	26	30	29	34	29	31	34	30	26	25	26	24	28
10	23	23	24	25	25	24	24	27	28	29	25	25	28	36	43	44	45	44	41	40	40	39	38	40	33
11	41	38	37	36	35	30	40	49	70	82	67	60	63	68	68	68	74	77	82	77	59	55	55	58	58
12	53	48	43	41	32	25	29	56	72	60	31	28	21	16	23	26	24	23	32	35	28	22	20	20	34
13	19	17	16	18	18	18	20	21	31	34	29	26	25	28	30	39	M	40	43	40	41	40	42	38	29
14	37	37	37	38	38	40	40	44	43	38	39	46	42	47	68	69	72	63	59	50	46	50	52	68	48
15	50	43	39	47	46	40	43	53	51	56	58	50	47	50	47	56	61	57	57	44	38	37	37	36	48
16	36	34	37	54	44	40	47	54	55	52	64	69	78	73	78	79	81	79	90	93	92	85	74	76	65
17	67	M	53	59	65	57	42	48	49	55	54	60	54	35	46	48	36	55	76	54	53	50	38	47	52
18	49	43	44	46	44	40	39	45	48	50	50	42	40	39	39	43	44	43	57	54	62	55	59	74	48
19	58	48	47	41	31	35	36	39	40	43	44	41	48	49	47	72	59	60	67	52	50	41	36	37	47
20	28	25	24	26	23	21	20	27	43	66	56	24	17	13	16	18	16	20	17	16	14	13	12	12	24
21	12	13	14	14	14	14	16	24	31	25	20	19	15	16	22	25	22	24	26	27	29	30	31	30	21
22	30	31	32	33	33	33	37	38	41	36	35	32	31	33	34	36	34	36	34	30	30	31	33	32	34
23	33	32	32	32	31	32	34	35	36	38	35	32	34	31	28	27	26	26	27	25	28	31	25	26	31
24	27	29	30	29	30	31	35	36	33	35	31	30	25	20	22	23	19	24	23	20	18	18	19	22	26
25	21	22	22	21	26	22	24	31	35	32	30	29	24	35	23	24	32	25	30	30	43	28	22	22	27
26	21	19	21	22	27	37	34	36	33	39	54	58	66	59	42	42	53	59	65	31	24	25	25	24	38
27	24	24	27	27	28	31	34	35	35	35	38	38	41	39	35	48	43	32	40	43	50	43	37	30	36
28	29	26	26	27	25	27	36	49	59	70	42	52	62	32	30	40	51	53	31	35	50	35	34	43	40
29	58	28	25	34	33	44	38	43	42	45	54	60	51	48	65	43	32	38	36	43	42	53	49	37	43
30	25	23	28	23	22	33	25	27	30	28	25	24	21	21	19	17	22	20	24	24	26	25	20	17	24
31	17	M	17	16	17	18	20	20	21	21	21	21	24	29	27	25	24	27	29	27	26	24	21	21	22

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR			DEVIATION	VALID DATA	ABOVE LIMIT LEVEL	
35	35	38	35	59	67	76	79	12	-	93	21	-	65	1	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	2	2	2
2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	3	3	2	2	2	2
3	2	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	2	4	2	2
5	3	2	3	3	3	3	3	3	3	4	4	3	3	4	3	3	5	4	3	3	3	3	3	3	3
6	3	3	3	3	3	4	4	4	3	4	4	7	7	4	6	7	6	5	5	5	5	4	3	3	4
7	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	1	1	2	2	2	1	2	2	2	2	3	2	3	2	2	1	2
10	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2	2	1	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2
17	2	2	2	2	2	2	2	3	3	3	3	2	2	3	4	3	2	4	5	2	3	3	3	4	3
18	3	4	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	3	3	3	8	5	5	4	3	3	2	3	3	3	3
20	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	3	3	3	2	2	2	2	2	2	3
21	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2
24	3	3	4	3	3	3	4	4	5	4	3	4	4	3	3	3	3	3	2	3	3	3	3	2	3
25	2	2	2	2	2	2	2	2	4	3	3	6	6	4	M	5	4	4	3	3	4	3	3	3	3
26	3	3	3	4	4	3	3	4	6	8	9	8	6	5	5	4	7	5	5	3	4	3	3	2	5
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	3	7	7	12	8	5	3	7	11	4	3	4	3	3	3	5	4
29	3	2	3	3	3	4	3	4	5	6	5	5	5	5	6	4	4	4	3	5	4	6	4	4	4
30	4	3	3	2	2	2	2	2	3	4	3	3	3	3	3	5	4	4	4	4	6	6	4	3	3
31	3	3	3	3	3	3	3	4	3	3	3	3	3	4	3	4	3	3	3	3	4	4	3	3	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----					STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
2	2	3	2	4	5	6	7	1	-	12	1	-	5	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

MONTH: MARCH

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	22	18	18	16	13	20	26	44	49	50	45	37	38	40	43	42	41	42	36	27	23	24	26	32
2	26	23	18	15	15	13	16	22	32	42	39	41	40	45	46	44	54	63	72	76	82	81	52	22	41
3	22	17	14	12	10	9	10	12	16	12	13	13	11	12	13	14	11	11	11	11	10	9	9	8	12
4	8	8	7	7	8	8	9	10	12	9	9	8	7	9	10	7	7	7	7	10	12	11	12	26	10
5	19	M	10	27	12	14	13	13	11	17	10	11	12	19	12	6	25	30	19	11	17	19	10	19	15
6	15	14	20	17	23	31	27	28	18	16	16	34	49	49	64	71	76	76	76	70	66	60	54	33	42
7	16	14	12	11	12	12	15	18	24	22	21	17	17	23	16	37	45	47	42	47	39	32	28	21	25
8	15	14	12	10	11	13	21	30	35	33	22	14	10	8	8	9	11	9	8	8	8	9	8	8	14
9	8	9	8	8	8	8	9	10	14	15	17	15	14	13	14	14	16	14	14	14	13	12	13	10	12
10	10	10	11	12	12	10	8	7	9	9	8	8	8	9	9	9	9	10	10	11	10	9	9	11	10
11	9	8	7	7	7	11	16	22	31	67	56	36	28	47	54	46	56	62	70	60	36	33	52	48	36
12	35	23	20	15	10	8	14	40	37	20	10	8	6	5	6	6	7	5	7	9	4	4	4	5	13
13	6	7	8	10	10	11	13	14	17	14	14	11	12	11	12	13	12	11	10	9	8	9	8	8	11
14	7	6	7	7	9	9	10	12	12	10	11	13	14	12	11	14	12	26	29	16	14	15	15	19	13
15	14	14	11	9	8	11	14	14	17	20	23	17	19	16	14	16	20	20	18	13	11	10	9	11	15
16	14	10	9	8	9	13	12	13	13	15	18	18	17	17	13	16	24	15	8	20	19	38	85	63	20
17	35	17	19	15	14	16	20	45	36	33	21	11	6	19	24	13	7	37	49	14	37	41	30	48	25
18	49	57	51	44	44	50	29	25	24	18	15	13	13	9	10	15	16	14	14	14	13	7	12	11	24
19	30	13	8	7	9	12	18	25	29	26	37	29	33	42	69	60	58	49	52	51	46	32	29	18	33
20	16	18	16	10	10	12	15	23	22	21	15	10	7	7	8	8	9	9	8	8	7	7	7	8	12
21	6	7	8	8	8	7	10	13	13	10	11	8	7	7	7	7	7	7	9	8	8	7	8	7	8
22	6	6	6	6	7	6	7	8	8	7	8	8	6	5	4	4	4	6	6	4	5	4	4	5	6
23	8	4	6	6	7	8	12	8	7	7	7	5	4	5	6	5	8	7	8	8	11	8	10	16	8
24	22	15	21	14	18	20	36	23	10	7	8	11	8	6	8	6	8	10	8	6	8	10	12	11	13
25	8	6	4	7	3	4	5	9	13	9	12	15	23	24	13	M	24	37	33	23	26	35	25	19	16
26	17	17	21	22	32	22	31	29	37	46	55	50	44	25	21	16	36	30	25	16	12	9	7	7	26
27	6	5	5	6	5	6	7	9	9	10	13	11	11	11	11	14	15	15	14	11	7	9	9	5	9
28	5	4	4	5	4	5	5	12	45	67	56	59	48	36	30	42	55	29	45	47	32	22	11	53	30
29	25	9	25	24	24	37	23	32	37	34	36	36	25	25	25	19	16	24	26	47	33	49	33	22	29
30	30	15	6	7	6	6	6	8	8	15	8	9	8	7	11	17	17	16	17	27	22	35	27	14	14
31	18	14	17	14	17	13	16	13	10	9	6	8	9	14	11	16	14	13	28	14	16	17	9	10	14

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
15	13	19	13	42	51	64	72	3	-	85	6	-	42	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
2	0	0	0	0	0	0	0	0	0	0	0	0	M	6	0	0	0	0	0	0	0	0	44	1	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	5	4	3	7	3	1	1	2	2
4	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
5	3	10	10	10	10	10	10	10	9	10	9	9	9	9	9	9	9	9	9	9	9	9	8	13	9
6	11	10	11	10	10	12	12	13	13	13	13	12	13	13	13	13	13	13	13	14	14	15	14	16	13
7	13	12	12	11	11	11	11	11	11	11	11	11	11	7	1	1	2	1	0	0	0	0	0	M	7
8	1	0	1	0	0	0	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1	0	1	4	1
9	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	3	1
10	0	0	0	4	1	0	0	0	0	5	1	0	0	1	0	2	0	0	0	0	0	0	0	M	1
11	0	2	1	0	0	0	0	0	0	0	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
12	M	M	M	M	M	M	M	M	M	M	M	M	M	0	0	0	0	0	0	0	0	0	0	M	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	M	0
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	M	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	M	0
16	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	M	1
17	2	2	2	2	2	2	1	2	2	2	1	1	1	2	2	1	1	1	1	1	2	3	2	M	2
18	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	M	2
19	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
20	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	M	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	2	1	2	2	2	M	1
24	2	2	1	2	2	2	1	1	2	2	2	2	3	3	3	4	2	2	2	2	2	2	2	M	2
25	2	2	2	2	2	2	2	2	3	3	4	3	2	2	1	2	2	2	2	2	2	2	2	M	2
26	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3	2	2	2	2	3	4	2	2	M	2
27	2	2	2	2	2	2	2	2	2	2	1	1	3	2	2	1	1	1	1	1	2	2	2	M	2
28	2	2	1	2	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	1	M	2
29	2	2	2	1	2	2	2	2	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	M	2
30	3	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2
31	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	M	2

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL	
2	1	2	1	4	11	13	13	0	-	44	0	-	13	2	93	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MARCH

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	0	0	0	0	0	0	1	9	13	12	12	15	14	7	6	9	16	9	1	0	0	0	5
2	1	0	0	0	0	0	0	2	1	2	3	12	M	24	27	22	31	30	49	52	32	18	25	44	16
3	41	32	16	0	0	0	0	0	7	3	9	10	0	0	11	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1	6	23	1	0	3	5	2
5	1	1	4	15	15	20	34	20	13	8	0	0	1	0	0	0	7	8	5	0	1	5	11	8	7
6	20	16	31	27	24	34	30	45	38	34	18	18	31	46	52	59	58	61	61	56	52	48	48	43	40
7	26	17	16	7	12	15	14	20	27	38	26	30	33	34	37	58	52	46	42	26	24	25	M	28	
8	12	13	10	9	14	17	20	22	17	42	33	24	22	5	0	0	0	1	1	1	5	2	1	3	11
9	3	6	4	7	7	5	5	5	20	16	12	13	6	8	9	10	13	13	11	10	9	7	2	5	9
10	2	6	2	3	4	5	6	4	9	6	9	7	6	4	4	6	9	9	1	18	4	9	14	9	7
11	11	9	7	0	2	15	27	30	29	28	43	31	32	33	26	36	55	61	64	45	34	35	32	28	30
12	19	20	15	15	10	11	13	27	16	28	39	M	M	0	0	0	1	0	0	1	5	27	0	2	11
13	1	M	1	5	22	37	8	12	32	20	15	6	9	14	16	15	11	8	4	7	8	9	4	9	12
14	7	2	4	4	8	8	4	5	9	10	11	19	12	32	31	48	29	10	42	17	8	57	24	8	17
15	29	29	33	25	22	33	6	6	9	25	30	40	15	18	8	18	49	42	16	60	6	9	11	7	23
16	3	13	30	14	20	45	11	16	26	58	60	54	59	54	47	39	64	92	35	66	107	93	74	63	48
17	76	77	47	48	36	50	41	56	53	46	18	15	27	23	14	3	4	16	20	44	58	89	88	84	43
18	72	68	57	29	22	47	53	51	30	41	19	8	1	5	8	4	7	2	5	2	2	0	1	6	23
19	19	53	37	13	7	1	30	55	37	30	29	23	26	28	38	32	44	42	58	51	38	35	31	18	32
20	24	24	13	14	22	24	38	28	43	45	34	18	5	0	0	0	0	0	1	1	1	0	0	1	14
21	0	0	4	3	3	4	5	10	12	8	6	0	0	5	1	0	0	0	3	2	1	2	1	2	3
22	0	0	2	0	1	3	1	3	5	14	5	9	10	0	0	0	0	0	1	2	3	7	21	3	4
23	1	6	2	4	6	10	14	24	14	15	11	12	14	4	14	20	5	3	4	9	40	44	41	50	15
24	13	5	3	4	9	13	12	4	16	10	9	13	12	12	11	15	11	11	7	9	21	20	14	11	11
25	8	5	23	28	9	7	4	22	26	24	10	1	2	0	2	2	1	0	12	24	47	22	42	29	15
26	52	28	36	26	5	9	27	30	27	19	8	25	15	39	27	15	16	5	19	39	68	15	7	2	23
27	1	M	0	3	1	2	11	1	1	1	3	5	11	4	4	0	0	0	5	3	1	1	5	2	3
28	0	1	0	3	6	53	34	52	55	33	28	18	17	0	16	10	17	11	22	9	1	18	32	18	19
29	7	29	18	2	0	5	29	37	27	30	6	11	12	26	42	29	19	31	45	26	24	16	22	20	21
30	23	21	19	12	11	5	16	29	16	22	3	6	1	1	2	3	2	6	5	16	12	20	24	27	13
31	16	14	6	18	5	6	6	14	8	6	10	7	7	5	2	3	5	13	5	2	15	15	20	13	9

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL		
11	11	17	11	43	53	63	75	0	-	107	2	-	48	3	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

Appendix C Summary Results on Water Quality Monitoring

LAMMA POWER STATION FGD WASTEWATER TREATMENT PLANT EFFLUENT DISCHARGE TO ASH LAGOON SUSPENDED SOLIDS AND PH

Period : January - March 2024

Week Ending	No. of Samples	Suspended Solids, mg/L			pH		
		Maximum	Minimum	Average	Maximum	Minimum	Average
06/01/24	4*	15	10	13	8.4	8.0	8.2
13/01/24	2*	16	10	13	8.2	8.1	8.2
20/01/24	4*	16	5	9	8.6	8.4	8.5
27/01/24	2*	19	6	12	8.1	7.7	7.9
03/02/24	4*	12	7	9	8.4	8.3	8.3
10/02/24	4*	16	10	12	8.7	8.4	8.5
17/02/24	2*	9	7	8	8.5	8.5	8.5
24/02/24	3*	17	7	11	8.5	8.5	8.5
02/03/24	2*	17	11	14	8.4	8.2	8.3
09/03/24	3*	21	9	15	8.4	8.2	8.3
16/03/24	4*	13	9	10	8.6	8.4	8.5
23/03/24	5*	12	7	10	8.6	8.5	8.5
30/03/24	2*	14	14	14	8.5	8.4	8.5

Remark :

* - No sampling for the remaining day(s) of the week / no sampling due to no discharge

**LAMMA POWER STATION
FGD WASTEWATER TREATMENT PLANT
EFFLUENT DISCHARGE TO ASH LAGOON
TRACE METAL, TOTAL PHOSPHORUS
AND TOTAL NITROGEN ANALYSIS**

Period : January – March 2024

Sampling date		10/1/2024	2/2/2024	1/3/2024
Barium,	ug/L	<150	<150	<150
Mercury,	ug/L	<0.5	<0.5	<0.5
Cadmium,	ug/L	<1.0	<1.0	1.5
Iron,	ug/L	<400	<400	<400
Total Phosphorous,	mg/L	<0.8	<0.8	<0.8
Total Nitrogen,	mg/L	55	40	115
Cyanide,	mg/L	<0.01	<0.01	<0.01

Remark:

According to the WPCO Ash Lagoon Discharge Licence, contents at exact levels of trace metals below 1/10th of the WPCO Licence permitted limits will not be reported. When the concentration of a metal exceeds 1/10th of the limit, the exact value of the metal concentration will be reported.

Appendix D Summary of EMIS

EM&A Log Ref.	Mitigation Measures	Implementation Status
	GENERAL	
A1	No other process, except the Wet Limestone-Gypsum process used in the FGD plants of the coal-fired Units L6, L7 and L8 within the Lamma Power Station, shall be used in the FGD plants for the projects unless otherwise agreed by EPD.	Complied
	WATER QUALITY	
B1	All wastewater arising from the operation of the projects shall be collected and directed to the existing wastewater treatment plant within the Lamma Power Station for treatment.	Complied
B2	The operational plant effluent from the FGD plants should be reused as much as possible in order to minimise discharge to the WWTP.	Complied
B3	Maintenance of the WWTP should be performed regularly to ensure the effluent from the WWTP would not exceed the current requirements stipulated in the WPCO licence for Ash Lagoon.	Complied
	WASTE	
C1	No gypsum or sludge arising from the operation of the projects shall be disposed of anywhere. All gypsum and sludge shall be collected and reused.	Complied
	NOISE	
D1	Equipment including the Absorber Recirculation Pump, Oxidation Air Blower, Booster Fan and Booster Fan Motor of the FGD plants shall be acoustically insulated and the Gas-Gas Heater (untreated side) of the FGD plants shall be provided with reinforced lagging to reduce the noise impact.	Complied