



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Gayatri Power Limited

Report: Average Report

From Date: 01-01-2022T00:00:45Z To Date: 01-02-2022T09:00:45Z

Description	STACK_U1-NOx(mg/Nm3)	STACK_U1-SO2(mg/Nm3)	STACK_U1-SPM(mg/Nm3)
Prescribed Standards	0 -	0 -	0 - 150
Maximum Data	4363.83	1148.99	328.61
Minimum Data	192.86	306.82	16.87
Geometric Mean	575.82	521.0	47.32
Median	345.03	380.78	33.28
Standard Deviation	793.73	256.0	58.43
Maximum Value At Time	2022-01-03 00:00:00	2022-01-05 00:00:00	2022-01-05 00:00:00
Minimum Value At Time	2022-01-11 00:00:00	2022-01-22 00:00:00	2022-01-03 00:00:00
Valid Data Points	29	29	29
Total Data Points	31	31	31
Data Availability %	93.55%	93.55%	93.55%

SI No	Time	STACK_U1-NOx(mg/Nm3)	STACK_U1-SO2(mg/Nm3)	STACK_U1-SPM(mg/Nm3)
1	2022-01-01 00:00:00	NA	NA	NA
2	2022-01-02 00:00:00	NA	NA	NA
3	2022-01-03 00:00:00	4363.83	622.17	16.87
4	2022-01-04 00:00:00	1703.71	822.26	135.85
5	2022-01-05 00:00:00	1323.60	1148.99	328.61
6	2022-01-06 00:00:00	475.65	948.44	31.90
7	2022-01-07 00:00:00	483.25	948.62	21.13
8	2022-01-08 00:00:00	492.07	910.03	23.16
9	2022-01-09 00:00:00	589.15	859.54	31.18
10	2022-01-10 00:00:00	573.79	896.08	20.06
11	2022-01-11 00:00:00	192.86	710.52	36.23
12	2022-01-12 00:00:00	229.10	411.96	29.60
13	2022-01-13 00:00:00	271.80	427.07	32.86
14	2022-01-14 00:00:00	284.58	324.57	29.18
15	2022-01-15 00:00:00	303.81	309.90	33.28
16	2022-01-16 00:00:00	310.68	307.21	35.03
17	2022-01-17 00:00:00	307.21	327.19	35.74
18	2022-01-18 00:00:00	276.63	380.43	41.33
19	2022-01-19 00:00:00	322.61	369.95	26.77
20	2022-01-20 00:00:00	327.62	404.13	26.80
21	2022-01-21 00:00:00	317.68	397.04	24.86
22	2022-01-22 00:00:00	345.03	306.82	23.81
23	2022-01-23 00:00:00	335.41	311.50	23.27
24	2022-01-24 00:00:00	330.04	363.87	35.52
25	2022-01-25 00:00:00	365.65	380.78	34.51
26	2022-01-26 00:00:00	356.13	356.85	39.69

SI No	Time	STACK_U1-NOx(mg/Nm3)	STACK_U1-SO2(mg/Nm3)	STACK_U1-SPM(mg/Nm3)
27	2022-01-27 00:00:00	361.94	361.42	75.96
28	2022-01-28 00:00:00	366.02	380.09	43.08
29	2022-01-29 00:00:00	365.29	402.33	47.47
30	2022-01-30 00:00:00	395.93	349.49	44.76
31	2022-01-31 00:00:00	327.84	369.78	43.64

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**Report Details:** SGPL | 2022-02-21 11:20:06 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Gayatri Power Limited

Report: Average Report

From Date: 01-01-2022T00:00:45Z To Date: 01-02-2022T09:00:45Z

Description	STACK_U2-NOx(mg/Nm3)	STACK_U2-SO2(mg/Nm3)	STACK_U2-SPM(mg/Nm3)
Prescribed Standards	0 -	0 -	0 - 150
Maximum Data	919.43	1591.53	367.69
Minimum Data	306.38	279.19	26.68
Geometric Mean	412.47	590.18	46.0
Median	370.22	356.23	34.14
Standard Deviation	127.05	433.96	63.15
Maximum Value At Time	2022-01-05 00:00:00	2022-01-05 00:00:00	2022-01-05 00:00:00
Minimum Value At Time	2022-01-11 00:00:00	2022-01-16 00:00:00	2022-01-27 00:00:00
Valid Data Points	28	28	28
Total Data Points	31	31	31
Data Availability %	90.32%	90.32%	90.32%

SI No	Time	STACK_U2-NOx(mg/Nm3)	STACK_U2-SO2(mg/Nm3)	STACK_U2-SPM(mg/Nm3)
1	2022-01-01 00:00:00	NA	NA	NA
2	2022-01-02 00:00:00	NA	NA	NA
3	2022-01-03 00:00:00	NA	NA	NA
4	2022-01-04 00:00:00	511.66	1151.98	44.73
5	2022-01-05 00:00:00	919.43	1591.53	367.69
6	2022-01-06 00:00:00	593.64	1333.54	40.10
7	2022-01-07 00:00:00	523.62	1325.66	34.96
8	2022-01-08 00:00:00	561.08	1356.34	33.94
9	2022-01-09 00:00:00	550.05	1274.26	37.87
10	2022-01-10 00:00:00	416.49	1103.70	34.83
11	2022-01-11 00:00:00	306.38	722.84	30.10
12	2022-01-12 00:00:00	339.22	356.12	31.36
13	2022-01-13 00:00:00	335.15	360.67	31.51
14	2022-01-14 00:00:00	351.57	312.54	33.31
15	2022-01-15 00:00:00	368.44	288.15	34.33
16	2022-01-16 00:00:00	372.00	279.19	37.19
17	2022-01-17 00:00:00	352.97	303.51	34.44
18	2022-01-18 00:00:00	350.48	363.13	34.85
19	2022-01-19 00:00:00	394.93	356.34	31.30
20	2022-01-20 00:00:00	331.39	361.74	31.66
21	2022-01-21 00:00:00	330.01	363.67	28.62
22	2022-01-22 00:00:00	338.32	301.54	32.76
23	2022-01-23 00:00:00	348.37	308.28	33.77
24	2022-01-24 00:00:00	327.64	349.48	31.97
25	2022-01-25 00:00:00	385.49	342.82	33.46
26	2022-01-26 00:00:00	406.85	332.36	34.34

SI No	Time	STACK_U2-NOx(mg/Nm3)	STACK_U2-SO2(mg/Nm3)	STACK_U2-SPM(mg/Nm3)
27	2022-01-27 00:00:00	394.04	351.90	26.68
28	2022-01-28 00:00:00	384.85	382.40	36.68
29	2022-01-29 00:00:00	344.94	307.79	29.85
30	2022-01-30 00:00:00	386.46	328.32	37.64
31	2022-01-31 00:00:00	323.59	315.26	37.99

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**Report Details:** SGPL | 2022-02-21 11:24:23 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Gayatri Power Limited

Report: Average Report

From Date: 01-01-2022T00:00:45Z To Date: 01-02-2022T09:00:45Z

Description	Fire_station-CO(mg/m3)	Fire_station-NOx(ug/m3)	Fire_station-PM2.5(ug/m3)	Fire_station-PM10(ug/m3)	Fire_station-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	1.01	11.51	35.77	89.21	15.75
Minimum Data	0.41	0.01	1.8	0.68	9.09
Geometric Mean	0.62	2.0	16.24	25.33	11.96
Median	0.5	0.86	13.02	17.94	11.23
Standard Deviation	0.2	2.85	10.65	19.74	1.86
Maximum Value At Time	2022-01-29 00:00:00	2022-01-13 00:00:00	2022-01-25 00:00:00	2022-01-25 00:00:00	2022-01-16 00:00:00
Minimum Value At Time	2022-01-01 00:00:00	2022-01-25 00:00:00	2022-01-14 00:00:00	2022-01-14 00:00:00	2022-01-10 00:00:00
Valid Data Points	26	26	26	26	26
Total Data Points	31	31	31	31	31
Data Availability %	83.87%	83.87%	83.87%	83.87%	83.87%

Sl No	Time	Fire_station-CO(mg/m3)	Fire_station-NOx(ug/m3)	Fire_station-PM2.5(ug/m3)	Fire_station-PM10(ug/m3)	Fire_station-SO2(ug/m3)
1	2022-01-01 00:00:00	0.41	0.25	15.49	23.03	9.49
2	2022-01-02 00:00:00	0.42	0.14	17.81	25.58	10.61
3	2022-01-03 00:00:00	0.46	0.78	26.71	32.86	10.67
4	2022-01-04 00:00:00	0.49	1.75	29.46	35.37	11.12
5	2022-01-05 00:00:00	0.44	0.71	15.42	19.60	10.53
6	2022-01-06 00:00:00	0.44	0.86	9.40	14.68	10.78
7	2022-01-07 00:00:00	0.45	0.72	10.63	16.58	11.30
8	2022-01-08 00:00:00	0.41	0.85	5.32	10.48	10.59
9	2022-01-09 00:00:00	0.46	0.91	8.70	12.81	10.26
10	2022-01-10 00:00:00	0.47	0.90	9.04	14.02	9.09
11	2022-01-11 00:00:00	0.46	1.93	5.97	9.00	13.35
12	2022-01-12 00:00:00	0.49	3.13	6.46	8.08	11.90
13	2022-01-13 00:00:00	0.52	11.51	10.31	17.22	15.26

SI No	Time	Fire_station-CO(mg/m3)	Fire_station-NOx(ug/m3)	Fire_station-PM2.5(ug/m3)	Fire_station-PM10(ug/m3)	Fire_station-SO2(ug/m3)
14	2022-01-14 00:00:00	0.49	9.94	1.80	0.68	12.32
15	2022-01-15 00:00:00	0.56	0.16	6.71	9.44	15.13
16	2022-01-16 00:00:00	0.61	0.17	5.52	8.93	15.75
17	2022-01-17 00:00:00	0.67	0.17	10.02	12.35	13.43
18	2022-01-18 00:00:00	0.72	0.78	15.73	41.71	12.75
19	2022-01-19 00:00:00	NA	NA	NA	NA	NA
20	2022-01-20 00:00:00	NA	NA	NA	NA	NA
21	2022-01-21 00:00:00	NA	NA	NA	NA	NA
22	2022-01-22 00:00:00	NA	NA	NA	NA	NA
23	2022-01-23 00:00:00	NA	NA	NA	NA	NA
24	2022-01-24 00:00:00	0.77	0.27	18.19	18.67	13.74
25	2022-01-25 00:00:00	0.82	0.01	35.77	89.21	13.74
26	2022-01-26 00:00:00	0.77	0.01	10.24	15.11	14.04
27	2022-01-27 00:00:00	0.81	1.96	16.61	26.68	12.84
28	2022-01-28 00:00:00	0.99	3.28	34.96	60.10	11.15
29	2022-01-29 00:00:00	1.01	3.65	27.30	44.95	10.78
30	2022-01-30 00:00:00	0.97	3.59	35.35	46.06	10.10
31	2022-01-31 00:00:00	0.96	3.67	33.29	45.41	10.37

**Report Details:** SGPL | 2022-02-21 11:43:26 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Gayatri Power Limited

Report: Average Report

From Date: 01-01-2022T00:00:45Z To Date: 01-02-2022T09:00:45Z

Description	Field_Hostel-CO(ppm)	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/Nm3)	Field_Hostel-PM10(ug/Nm3)	Field_Hostel-SO2(ug/m3)
Prescribed Standards	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Maximum Data	0.92	8.72	35.93	101.32	6.32
Minimum Data	0.58	2.19	4.49	6.91	4.62
Geometric Mean	0.71	3.76	15.82	27.49	5.49
Median	0.68	3.38	12.75	20.21	5.5
Standard Deviation	0.1	1.4	9.73	22.23	0.54
Maximum Value At Time	2022-01-30 00:00:00	2022-01-29 00:00:00	2022-01-25 00:00:00	2022-01-25 00:00:00	2022-01-31 00:00:00
Minimum Value At Time	2022-01-01 00:00:00	2022-01-30 00:00:00	2022-01-15 00:00:00	2022-01-15 00:00:00	2022-01-01 00:00:00
Valid Data Points	26	26	26	26	26
Total Data Points	31	31	31	31	31
Data Availability %	83.87%	83.87%	83.87%	83.87%	83.87%

SI No	Time	Field_Hostel-CO(ppm)	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/Nm3)	Field_Hostel-PM10(ug/Nm3)	Field_Hostel-SO2(ug/m3)
1	2022-01-01 00:00:00	0.58	3.38	15.25	22.93	4.62
2	2022-01-02 00:00:00	0.61	2.89	18.09	24.43	4.70
3	2022-01-03 00:00:00	0.65	2.75	25.45	33.44	4.74
4	2022-01-04 00:00:00	0.67	2.93	29.13	37.07	4.80
5	2022-01-05 00:00:00	0.63	3.62	15.80	21.88	4.86
6	2022-01-06 00:00:00	0.62	3.77	13.25	18.54	4.94
7	2022-01-07 00:00:00	0.64	4.33	11.19	18.21	5.01
8	2022-01-08 00:00:00	0.60	5.45	5.04	9.16	5.16
9	2022-01-09 00:00:00	0.62	6.28	9.59	16.99	5.26
10	2022-01-10 00:00:00	0.72	4.21	8.92	15.54	5.23
11	2022-01-11 00:00:00	0.68	2.49	6.07	9.80	5.34
12	2022-01-12 00:00:00	0.68	2.47	7.38	11.23	5.42
13	2022-01-13 00:00:00	0.66	4.75	5.56	10.40	5.49

SI No	Time	Field_Hostel-CO(ppm)	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/Nm3)	Field_Hostel-PM10(ug/Nm3)	Field_Hostel-SO2(ug/m3)
14	2022-01-14 00:00:00	0.76	3.71	10.62	13.60	5.50
15	2022-01-15 00:00:00	0.66	2.37	4.49	6.91	5.51
16	2022-01-16 00:00:00	0.67	3.33	4.88	8.59	5.52
17	2022-01-17 00:00:00	0.70	3.01	8.38	11.97	5.59
18	2022-01-18 00:00:00	0.75	4.63	18.85	24.03	5.67
19	2022-01-19 00:00:00	NA	NA	NA	NA	NA
20	2022-01-20 00:00:00	NA	NA	NA	NA	NA
21	2022-01-21 00:00:00	NA	NA	NA	NA	NA
22	2022-01-22 00:00:00	NA	NA	NA	NA	NA
23	2022-01-23 00:00:00	NA	NA	NA	NA	NA
24	2022-01-24 00:00:00	0.77	4.28	18.09	36.53	5.93
25	2022-01-25 00:00:00	0.80	3.21	35.93	101.32	6.04
26	2022-01-26 00:00:00	0.74	2.88	9.38	16.46	6.05
27	2022-01-27 00:00:00	0.75	3.49	12.25	22.92	6.09
28	2022-01-28 00:00:00	0.87	3.38	32.51	72.31	6.29
29	2022-01-29 00:00:00	0.90	8.72	23.62	43.46	6.27
30	2022-01-30 00:00:00	0.92	2.19	29.90	56.55	6.30
31	2022-01-31 00:00:00	0.90	3.23	31.65	50.46	6.32

**Report Details:** SGPL | 2022-02-21 11:27:32 | Average Report





# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Gayatri Power Limited

Report: Average Report

From Date: 01-01-2022T00:00:45Z To Date: 01-02-2022T09:00:45Z

Description	Near_Isukuduru_Village_Gate-NOx(ug/m3)	Near_Isukuduru_Village_Gate-PM2.5(ug/m3)	Near_Isukuduru_Village_Gate-PM10(ug/m3)	Near_Isukuduru_Village_Gate-SO2(ug/m3)
Prescribed Standards	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	8.12	33.24	111.61	5.79
Minimum Data	0.86	2.32	8.15	3.67
Geometric Mean	2.35	10.6	29.04	5.05
Median	1.65	6.2	21.58	5.07
Standard Deviation	1.77	9.13	24.79	0.55
Maximum Value At Time	2022-01-02 00:00:00	2022-01-25 00:00:00	2022-01-25 00:00:00	2022-01-28 00:00:00
Minimum Value At Time	2022-01-12 00:00:00	2022-01-15 00:00:00	2022-01-15 00:00:00	2022-01-02 00:00:00
Valid Data Points	26	26	26	26
Total Data Points	31	31	31	31
Data Availability %	83.87%	83.87%	83.87%	83.87%

Sl No	Time	Near_Isukuduru_Village_Gate-NOx(ug/m3)	Near_Isukuduru_Village_Gate-PM2.5(ug/m3)	Near_Isukuduru_Village_Gate-PM10(ug/m3)	Near_Isukuduru_Village_Gate-SO2(ug/m3)
1	2022-01-01 00:00:00	5.35	22.00	21.81	3.73
2	2022-01-02 00:00:00	8.12	29.42	23.57	3.67
3	2022-01-03 00:00:00	6.59	19.70	32.75	4.11
4	2022-01-04 00:00:00	1.66	12.75	40.15	4.66
5	2022-01-05 00:00:00	1.64	7.25	25.66	4.79
6	2022-01-06 00:00:00	1.08	3.82	19.36	4.89
7	2022-01-07 00:00:00	1.90	4.84	18.73	4.95
8	2022-01-08 00:00:00	1.37	2.94	10.18	4.89
9	2022-01-09 00:00:00	1.61	4.50	14.24	4.85
10	2022-01-10 00:00:00	1.47	4.24	13.12	4.94

Sl No	Time	Near_Isukuduru_Village_Gate-NOx(ug/m3)	Near_Isukuduru_Village_Gate-PM2.5(ug/m3)	Near_Isukuduru_Village_Gate-PM10(ug/m3)	Near_Isukuduru_Village_Gate-SO2(ug/m3)
11	2022-01-11 00:00:00	0.92	2.63	10.49	5.01
12	2022-01-12 00:00:00	0.86	3.47	10.14	5.22
13	2022-01-13 00:00:00	1.46	3.33	9.18	5.13
14	2022-01-14 00:00:00	1.64	3.85	11.06	5.09
15	2022-01-15 00:00:00	1.14	2.32	8.15	5.03
16	2022-01-16 00:00:00	1.33	3.01	10.43	5.09
17	2022-01-17 00:00:00	1.98	4.06	11.64	5.06
18	2022-01-18 00:00:00	2.09	10.24	23.69	5.50
19	2022-01-19 00:00:00	NA	NA	NA	NA
20	2022-01-20 00:00:00	NA	NA	NA	NA
21	2022-01-21 00:00:00	NA	NA	NA	NA
22	2022-01-22 00:00:00	NA	NA	NA	NA
23	2022-01-23 00:00:00	NA	NA	NA	NA
24	2022-01-24 00:00:00	3.42	10.39	36.51	5.75
25	2022-01-25 00:00:00	2.48	33.24	111.61	5.36
26	2022-01-26 00:00:00	1.93	5.15	21.34	5.45
27	2022-01-27 00:00:00	1.56	7.51	25.84	5.48
28	2022-01-28 00:00:00	2.22	24.68	78.81	5.79
29	2022-01-29 00:00:00	3.68	11.93	50.68	5.62
30	2022-01-30 00:00:00	1.63	20.68	61.23	5.64
31	2022-01-31 00:00:00	2.05	17.58	54.56	5.69