



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	507.65	39.11	1459.8
Minimum Data	294.83	35.71	890.93
Geometric Mean	397.69	38.0	1160.67
Median	395.75	38.17	1090.05
Standard Deviation	47.15	0.9	173.18
Maximum Value At Time	2021-04-12 00:00:00	2021-04-04 00:00:00	2021-04-29 00:00:00
Minimum Value At Time	2021-04-06 00:00:00	2021-04-12 00:00:00	2021-04-18 00:00:00
Valid Data Points	27	29	27
Total Data Points	30	30	30
Data Availability %	90.0%	96.67%	90.0%

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
1	2021-04-01 00:00:00	418.96	39.04	1436.29
2	2021-04-02 00:00:00	376.11	38.82	1400.22
3	2021-04-03 00:00:00	358.87	38.67	1349.72
4	2021-04-04 00:00:00	378.05	39.11	1249.34
5	2021-04-05 00:00:00	352.29	39.05	1090.05
6	2021-04-06 00:00:00	294.83	38.15	920.78
7	2021-04-07 00:00:00	457.19	36.85	1239.31
8	2021-04-08 00:00:00	409.68	36.85	1212.82
9	2021-04-09 00:00:00	430.02	37.36	1160.17
10	2021-04-10 00:00:00	464.42	36.88	1215.67
11	2021-04-11 00:00:00	498.13	36.27	1064.40
12	2021-04-12 00:00:00	507.65	35.71	1082.55
13	2021-04-13 00:00:00	NA	NA	NA
14	2021-04-14 00:00:00	374.32	38.39	950.72
15	2021-04-15 00:00:00	399.08	38.21	947.00
16	2021-04-16 00:00:00	403.76	38.59	987.96
17	2021-04-17 00:00:00	409.50	38.78	1041.04
18	2021-04-18 00:00:00	357.80	38.79	890.93
19	2021-04-19 00:00:00	395.75	38.83	1077.62
20	2021-04-20 00:00:00	400.16	38.67	1038.29
21	2021-04-21 00:00:00	432.31	38.17	1030.56
22	2021-04-22 00:00:00	397.07	37.96	1045.66
23	2021-04-23 00:00:00	394.22	38.41	1047.15
24	2021-04-24 00:00:00	NA	36.61	NA
25	2021-04-25 00:00:00	NA	38.63	NA
26	2021-04-26 00:00:00	338.92	37.80	1320.67

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2021-04-27 00:00:00	391.63	37.97	1427.82
28	2021-04-28 00:00:00	343.40	37.57	1309.49
29	2021-04-29 00:00:00	368.43	37.84	1459.80
30	2021-04-30 00:00:00	385.04	37.98	1342.00

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**Report Details:** TPCIL | 2021-05-26 18:51:25 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	533.79	41.03	1640.77
Minimum Data	377.32	32.38	899.5
Geometric Mean	437.05	38.47	1265.8
Median	427.2	38.86	1285.1
Standard Deviation	39.8	1.76	210.36
Maximum Value At Time	2021-04-11 00:00:00	2021-04-02 00:00:00	2021-04-27 00:00:00
Minimum Value At Time	2021-04-18 00:00:00	2021-04-12 00:00:00	2021-04-23 00:00:00
Valid Data Points	29	29	29
Total Data Points	30	30	30
Data Availability %	96.67%	96.67%	96.67%

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
1	2021-04-01 00:00:00	390.68	37.72	1598.22
2	2021-04-02 00:00:00	411.52	41.03	1571.05
3	2021-04-03 00:00:00	398.11	40.05	1442.44
4	2021-04-04 00:00:00	397.73	40.06	1292.24
5	2021-04-05 00:00:00	396.12	40.33	1159.93
6	2021-04-06 00:00:00	398.11	39.34	1126.56
7	2021-04-07 00:00:00	469.73	38.31	1314.32
8	2021-04-08 00:00:00	492.28	37.48	1341.84
9	2021-04-09 00:00:00	487.10	36.74	1285.10
10	2021-04-10 00:00:00	490.55	35.64	1311.66
11	2021-04-11 00:00:00	533.79	36.47	1295.97
12	2021-04-12 00:00:00	516.35	32.38	1099.78
13	2021-04-13 00:00:00	NA	NA	NA
14	2021-04-14 00:00:00	437.41	39.49	1028.76
15	2021-04-15 00:00:00	461.29	39.57	1024.08
16	2021-04-16 00:00:00	447.69	39.24	1084.53
17	2021-04-17 00:00:00	470.10	38.18	1028.00
18	2021-04-18 00:00:00	377.32	38.86	1034.09
19	2021-04-19 00:00:00	427.20	38.99	1196.48
20	2021-04-20 00:00:00	451.76	40.04	1163.54
21	2021-04-21 00:00:00	444.67	39.33	1098.73
22	2021-04-22 00:00:00	425.08	38.50	1077.45
23	2021-04-23 00:00:00	409.48	40.09	899.50
24	2021-04-24 00:00:00	413.41	39.40	1106.34
25	2021-04-25 00:00:00	440.59	38.86	1355.86
26	2021-04-26 00:00:00	413.56	38.87	1519.57

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2021-04-27 00:00:00	406.24	38.70	1640.77
28	2021-04-28 00:00:00	444.99	36.37	1579.15
29	2021-04-29 00:00:00	413.42	38.54	1540.81
30	2021-04-30 00:00:00	408.21	36.97	1491.40

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**Report Details:** TPCIL | 2021-05-26 18:54:37 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/m3)	Field_Hostel-PM10(ug/m3)	Field_Hostel-SO2(ug/m3)
Prescribed Standards	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	14.96	21.49	28.82	10.51
Minimum Data	7.09	6.09	6.4	8.17
Geometric Mean	10.11	13.31	18.3	9.34
Median	9.94	13.68	18.28	9.41
Standard Deviation	2.14	5.33	6.9	0.68
Maximum Value At Time	2021-04-02 00:00:00	2021-04-03 00:00:00	2021-04-03 00:00:00	2021-04-18 00:00:00
Minimum Value At Time	2021-04-05 00:00:00	2021-04-24 00:00:00	2021-04-27 00:00:00	2021-04-08 00:00:00
Valid Data Points	26	26	26	26
Total Data Points	30	30	30	30
Data Availability %	86.67%	86.67%	86.67%	86.67%

Sl No	Time	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/m3)	Field_Hostel-PM10(ug/m3)	Field_Hostel-SO2(ug/m3)
1	2021-04-01 00:00:00	14.71	17.49	22.38	8.87
2	2021-04-02 00:00:00	14.96	21.12	28.78	9.12
3	2021-04-03 00:00:00	13.00	21.49	28.82	10.14
4	2021-04-04 00:00:00	9.65	20.97	26.27	10.19
5	2021-04-05 00:00:00	7.09	17.18	24.13	8.18
6	2021-04-06 00:00:00	8.55	16.80	27.97	8.54
7	2021-04-07 00:00:00	11.31	18.25	23.75	8.86
8	2021-04-08 00:00:00	11.50	18.34	24.20	8.17
9	2021-04-09 00:00:00	11.89	17.51	21.93	9.23
10	2021-04-10 00:00:00	8.81	13.78	18.90	8.77
11	2021-04-11 00:00:00	NA	NA	NA	NA
12	2021-04-12 00:00:00	NA	NA	NA	NA
13	2021-04-13 00:00:00	NA	NA	NA	NA
14	2021-04-14 00:00:00	12.60	13.58	22.54	10.25

SI No	Time	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/m3)	Field_Hostel-PM10(ug/m3)	Field_Hostel-SO2(ug/m3)
15	2021-04-15 00:00:00	10.89	9.28	11.23	9.23
16	2021-04-16 00:00:00	10.24	12.06	16.87	8.31
17	2021-04-17 00:00:00	10.26	19.27	22.82	10.08
18	2021-04-18 00:00:00	10.23	11.84	13.98	10.51
19	2021-04-19 00:00:00	10.79	16.73	17.66	9.60
20	2021-04-20 00:00:00	11.37	6.87	15.65	9.40
21	2021-04-21 00:00:00	8.92	7.49	16.16	8.59
22	2021-04-22 00:00:00	9.29	7.08	15.89	9.48
23	2021-04-23 00:00:00	9.00	6.91	7.97	9.93
24	2021-04-24 00:00:00	8.81	6.09	11.18	9.70
25	2021-04-25 00:00:00	7.22	6.20	6.92	9.68
26	2021-04-26 00:00:00	7.85	6.64	7.07	9.41
27	2021-04-27 00:00:00	7.97	7.06	6.40	8.71
28	2021-04-28 00:00:00	NA	NA	NA	NA
29	2021-04-29 00:00:00	8.83	12.00	17.10	10.00
30	2021-04-30 00:00:00	7.22	14.15	19.27	9.86

**Report Details:** TPCIL | 2021-05-26 19:00:30 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Main_Gate-NOx(ug/m3)	Main_Gate-PM2.5(ug/m3)	Main_Gate-PM10(ug/m3)	Main_Gate-SO2(ug/m3)
Prescribed Standards	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	6.63	16.29	36.64	6.95
Minimum Data	4.11	5.4	14.03	6.2
Geometric Mean	5.25	10.63	25.28	6.6
Median	5.25	11.08	24.32	6.61
Standard Deviation	0.49	2.94	5.68	0.21
Maximum Value At Time	2021-04-14 00:00:00	2021-04-03 00:00:00	2021-04-03 00:00:00	2021-04-08 00:00:00
Minimum Value At Time	2021-04-10 00:00:00	2021-04-15 00:00:00	2021-04-15 00:00:00	2021-04-05 00:00:00
Valid Data Points	27	27	27	27
Total Data Points	30	30	30	30
Data Availability %	90.0%	90.0%	90.0%	90.0%

SI No	Time	Main_Gate-NOx(ug/m3)	Main_Gate-PM2.5(ug/m3)	Main_Gate-PM10(ug/m3)	Main_Gate-SO2(ug/m3)
1	2021-04-01 00:00:00	5.69	13.28	28.79	6.32
2	2021-04-02 00:00:00	5.93	14.15	33.72	6.34
3	2021-04-03 00:00:00	5.16	16.29	36.64	6.22
4	2021-04-04 00:00:00	4.77	14.85	32.67	6.22
5	2021-04-05 00:00:00	5.11	10.76	31.77	6.20
6	2021-04-06 00:00:00	5.25	11.08	28.95	6.74
7	2021-04-07 00:00:00	5.23	12.39	29.96	6.77
8	2021-04-08 00:00:00	4.93	14.39	32.59	6.95
9	2021-04-09 00:00:00	4.85	12.22	27.67	6.67
10	2021-04-10 00:00:00	4.11	7.29	21.34	6.47
11	2021-04-11 00:00:00	NA	NA	NA	NA
12	2021-04-12 00:00:00	NA	NA	NA	NA
13	2021-04-13 00:00:00	NA	NA	NA	NA
14	2021-04-14 00:00:00	6.63	7.35	31.58	6.93

SI No	Time	Main_Gate-NOx(ug/m3)	Main_Gate-PM2.5(ug/m3)	Main_Gate-PM10(ug/m3)	Main_Gate-SO2(ug/m3)
15	2021-04-15 00:00:00	5.78	5.40	14.03	6.75
16	2021-04-16 00:00:00	5.79	5.94	19.79	6.70
17	2021-04-17 00:00:00	5.32	13.32	24.35	6.81
18	2021-04-18 00:00:00	5.26	6.63	18.23	6.57
19	2021-04-19 00:00:00	5.57	11.86	28.16	6.67
20	2021-04-20 00:00:00	5.76	10.95	23.51	6.80
21	2021-04-21 00:00:00	5.26	8.14	22.50	6.77
22	2021-04-22 00:00:00	5.36	7.52	19.71	6.68
23	2021-04-23 00:00:00	5.30	8.67	20.23	6.67
24	2021-04-24 00:00:00	5.28	8.54	19.71	6.58
25	2021-04-25 00:00:00	4.73	11.26	21.48	6.51
26	2021-04-26 00:00:00	5.10	11.22	24.32	6.41
27	2021-04-27 00:00:00	4.78	11.29	23.86	6.61
28	2021-04-28 00:00:00	5.04	13.28	26.07	6.59
29	2021-04-29 00:00:00	4.97	10.82	21.09	6.56
30	2021-04-30 00:00:00	4.75	8.01	19.79	6.58

**Report Details:** TPCIL | 2021-05-26 18:58:37 | Average Report





# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Seawater_Intake_side-NOx(ug/m3)	Seawater_Intake_side-PM2.5(ug/m3)	Seawater_Intake_side-PM10(ug/m3)	Seawater_Intake_side-SO2(ug/m3)
Prescribed Standards	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	12.13	19.21	25.83	6.8
Minimum Data	7.46	8.19	8.14	4.37
Geometric Mean	8.3	11.43	18.29	4.87
Median	7.77	10.18	20.92	4.75
Standard Deviation	1.17	3.02	5.74	0.5
Maximum Value At Time	2021-04-01 00:00:00	2021-04-17 00:00:00	2021-04-23 00:00:00	2021-04-14 00:00:00
Minimum Value At Time	2021-04-30 00:00:00	2021-04-22 00:00:00	2021-04-30 00:00:00	2021-04-05 00:00:00
Valid Data Points	27	27	27	27
Total Data Points	30	30	30	30
Data Availability %	90.0%	90.0%	90.0%	90.0%

SI No	Time	Seawater_Intake_side-NOx(ug/m3)	Seawater_Intake_side-PM2.5(ug/m3)	Seawater_Intake_side-PM10(ug/m3)	Seawater_Intake_side-SO2(ug/m3)
1	2021-04-01 00:00:00	12.13	10.18	23.41	4.70
2	2021-04-02 00:00:00	11.18	9.52	25.20	4.75
3	2021-04-03 00:00:00	9.72	9.39	23.48	4.53
4	2021-04-04 00:00:00	9.68	11.92	23.24	4.42
5	2021-04-05 00:00:00	8.05	11.91	20.25	4.37
6	2021-04-06 00:00:00	9.01	11.32	20.99	4.51
7	2021-04-07 00:00:00	8.91	10.92	21.12	4.77
8	2021-04-08 00:00:00	8.75	11.27	22.16	5.28
9	2021-04-09 00:00:00	8.21	9.43	18.17	5.56
10	2021-04-10 00:00:00	8.08	9.39	11.72	4.63
11	2021-04-11 00:00:00	NA	NA	NA	NA
12	2021-04-12 00:00:00	NA	NA	NA	NA

SI No	Time	Seawater_Intake_side-NOx(ug/m3)	Seawater_Intake_side-PM2.5(ug/m3)	Seawater_Intake_side-PM10(ug/m3)	Seawater_Intake_side-SO2(ug/m3)
13	2021-04-13 00:00:00	NA	NA	NA	NA
14	2021-04-14 00:00:00	7.88	16.47	15.62	6.80
15	2021-04-15 00:00:00	7.92	13.37	15.49	4.88
16	2021-04-16 00:00:00	8.06	13.72	16.27	4.87
17	2021-04-17 00:00:00	7.76	19.21	20.92	5.10
18	2021-04-18 00:00:00	7.76	12.66	16.77	5.17
19	2021-04-19 00:00:00	7.77	18.39	22.26	5.08
20	2021-04-20 00:00:00	7.73	16.37	23.55	5.11
21	2021-04-21 00:00:00	7.58	9.48	22.74	4.99
22	2021-04-22 00:00:00	7.59	8.19	22.92	5.17
23	2021-04-23 00:00:00	7.55	10.40	25.83	5.01
24	2021-04-24 00:00:00	7.52	8.73	23.57	4.41
25	2021-04-25 00:00:00	7.52	9.64	12.28	4.39
26	2021-04-26 00:00:00	7.55	9.83	10.32	4.50
27	2021-04-27 00:00:00	7.53	10.13	9.57	4.59
28	2021-04-28 00:00:00	7.52	8.97	9.09	4.60
29	2021-04-29 00:00:00	7.56	9.26	8.65	4.66
30	2021-04-30 00:00:00	7.46	8.41	8.14	4.56

**Report Details:** TPCIL | 2021-05-26 19:02:30 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-04-2021T00:00:47Z To Date: 01-05-2021T09:00:47Z

Description	Village_AAQMS-NOx(ug/m3)	Village_AAQMS-PM2.5(ug/m3)	Village_AAQMS-PM10(ug/m3)	Village_AAQMS-SO2(ug/m3)
Prescribed Standards	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	10.79	12.21	29.55	10.98
Minimum Data	3.31	3.89	10.17	4.82
Geometric Mean	6.72	7.46	18.41	7.81
Median	6.72	7.46	18.1	7.17
Standard Deviation	1.78	2.42	5.86	2.06
Maximum Value At Time	2021-04-14 00:00:00	2021-04-04 00:00:00	2021-04-02 00:00:00	2021-04-25 00:00:00
Minimum Value At Time	2021-04-30 00:00:00	2021-04-15 00:00:00	2021-04-15 00:00:00	2021-04-30 00:00:00
Valid Data Points	27	27	27	27
Total Data Points	30	30	30	30
Data Availability %	90.0%	90.0%	90.0%	90.0%

Sl No	Time	Village_AAQMS-NOx(ug/m3)	Village_AAQMS-PM2.5(ug/m3)	Village_AAQMS-PM10(ug/m3)	Village_AAQMS-SO2(ug/m3)
1	2021-04-01 00:00:00	6.16	9.83	25.23	5.77
2	2021-04-02 00:00:00	7.47	10.52	29.55	5.91
3	2021-04-03 00:00:00	5.90	10.79	28.48	6.33
4	2021-04-04 00:00:00	4.24	12.21	25.62	6.28
5	2021-04-05 00:00:00	4.49	6.72	21.43	6.46
6	2021-04-06 00:00:00	6.42	8.20	21.88	6.51
7	2021-04-07 00:00:00	7.35	9.88	26.60	6.62
8	2021-04-08 00:00:00	5.95	10.92	28.11	6.68
9	2021-04-09 00:00:00	5.99	8.92	21.72	6.97
10	2021-04-10 00:00:00	4.35	4.49	12.45	7.17
11	2021-04-11 00:00:00	NA	NA	NA	NA
12	2021-04-12 00:00:00	NA	NA	NA	NA
13	2021-04-13 00:00:00	NA	NA	NA	NA
14	2021-04-14 00:00:00	10.79	4.12	12.68	8.20

SI No	Time	Village_AAQMS-NOx(ug/m3)	Village_AAQMS-PM2.5(ug/m3)	Village_AAQMS-PM10(ug/m3)	Village_AAQMS-SO2(ug/m3)
15	2021-04-15 00:00:00	8.76	3.89	10.17	9.02
16	2021-04-16 00:00:00	10.51	4.12	13.01	9.22
17	2021-04-17 00:00:00	8.23	9.46	18.10	9.35
18	2021-04-18 00:00:00	7.47	4.35	11.00	9.68
19	2021-04-19 00:00:00	8.30	8.60	19.31	9.87
20	2021-04-20 00:00:00	7.84	7.59	16.94	10.10
21	2021-04-21 00:00:00	6.42	5.06	12.61	10.41
22	2021-04-22 00:00:00	6.87	5.14	12.14	10.63
23	2021-04-23 00:00:00	7.33	5.89	15.31	10.56
24	2021-04-24 00:00:00	7.07	6.05	14.54	10.54
25	2021-04-25 00:00:00	5.85	7.46	16.05	10.98
26	2021-04-26 00:00:00	6.68	7.81	18.58	7.48
27	2021-04-27 00:00:00	7.13	7.46	19.35	4.84
28	2021-04-28 00:00:00	6.72	9.41	18.71	5.28
29	2021-04-29 00:00:00	3.92	6.90	15.33	5.07
30	2021-04-30 00:00:00	3.31	5.50	12.17	4.82

**Report Details:** TPCIL | 2021-05-26 19:04:26 | Average Report