



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	401.95	37.38	1105.92
Minimum Data	323.45	32.23	693.35
Geometric Mean	355.49	35.91	945.91
Median	354.17	36.34	974.52
Standard Deviation	16.1	1.23	95.87
Maximum Value At Time	2021-07-14 00:00:00	2021-07-02 00:00:00	2021-07-13 00:00:00
Minimum Value At Time	2021-07-20 00:00:00	2021-07-31 00:00:00	2021-07-19 00:00:00
Valid Data Points	31	31	31
Total Data Points	31	31	31
Data Availability %	100.0%	100.0%	100.0%

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
1	2021-07-01 00:00:00	341.23	37.02	1024.27
2	2021-07-02 00:00:00	360.66	37.38	992.07
3	2021-07-03 00:00:00	368.75	36.68	1015.00
4	2021-07-04 00:00:00	377.16	36.34	1020.48
5	2021-07-05 00:00:00	350.75	36.46	1050.03
6	2021-07-06 00:00:00	336.75	37.05	1003.13
7	2021-07-07 00:00:00	331.74	36.85	974.52
8	2021-07-08 00:00:00	352.24	36.81	1008.29
9	2021-07-09 00:00:00	377.05	36.72	996.39
10	2021-07-10 00:00:00	359.52	37.14	1036.69
11	2021-07-11 00:00:00	378.16	36.09	889.43
12	2021-07-12 00:00:00	354.17	35.99	911.84
13	2021-07-13 00:00:00	358.76	37.27	1105.92
14	2021-07-14 00:00:00	401.95	36.64	1010.63
15	2021-07-15 00:00:00	350.11	36.36	1007.89
16	2021-07-16 00:00:00	355.85	36.76	989.96
17	2021-07-17 00:00:00	349.94	36.82	1039.64
18	2021-07-18 00:00:00	358.66	36.70	958.31
19	2021-07-19 00:00:00	354.39	35.47	693.35
20	2021-07-20 00:00:00	323.45	35.55	785.89
21	2021-07-21 00:00:00	335.52	35.55	774.48
22	2021-07-22 00:00:00	353.57	35.03	743.37
23	2021-07-23 00:00:00	342.90	35.75	870.01
24	2021-07-24 00:00:00	348.02	35.74	917.59
25	2021-07-25 00:00:00	348.47	35.42	918.25
26	2021-07-26 00:00:00	361.72	35.18	874.69

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2021-07-27 00:00:00	362.47	34.28	877.21
28	2021-07-28 00:00:00	351.56	34.98	957.59
29	2021-07-29 00:00:00	359.71	33.62	957.19
30	2021-07-30 00:00:00	378.58	33.41	982.75
31	2021-07-31 00:00:00	336.27	32.23	936.41

**Report Details:** TPCIL | 2021-08-25 15:45:56 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	419.01	40.32	1341.21
Minimum Data	358.87	35.27	695.43
Geometric Mean	389.58	37.39	1137.27
Median	389.82	37.3	1202.87
Standard Deviation	16.77	1.57	188.46
Maximum Value At Time	2021-07-13 00:00:00	2021-07-13 00:00:00	2021-07-26 00:00:00
Minimum Value At Time	2021-07-07 00:00:00	2021-07-21 00:00:00	2021-07-19 00:00:00
Valid Data Points	31	31	31
Total Data Points	31	31	31
Data Availability %	100.0%	100.0%	100.0%

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
1	2021-07-01 00:00:00	378.26	39.90	1293.95
2	2021-07-02 00:00:00	382.41	39.19	1207.42
3	2021-07-03 00:00:00	389.82	39.29	1299.08
4	2021-07-04 00:00:00	387.42	39.02	1199.39
5	2021-07-05 00:00:00	398.14	39.57	1265.29
6	2021-07-06 00:00:00	372.63	39.48	1331.58
7	2021-07-07 00:00:00	358.87	38.82	1276.94
8	2021-07-08 00:00:00	391.72	38.77	1306.70
9	2021-07-09 00:00:00	402.67	37.36	1227.64
10	2021-07-10 00:00:00	390.86	37.45	1227.04
11	2021-07-11 00:00:00	371.86	37.40	1206.30
12	2021-07-12 00:00:00	385.66	39.17	1261.37
13	2021-07-13 00:00:00	419.01	40.32	1208.03
14	2021-07-14 00:00:00	417.42	38.47	1183.54
15	2021-07-15 00:00:00	407.04	36.05	1202.87
16	2021-07-16 00:00:00	380.45	37.30	1196.32
17	2021-07-17 00:00:00	369.44	37.25	1081.10
18	2021-07-18 00:00:00	400.83	36.27	982.65
19	2021-07-19 00:00:00	375.72	35.40	695.43
20	2021-07-20 00:00:00	375.04	35.94	761.25
21	2021-07-21 00:00:00	366.47	35.27	776.33
22	2021-07-22 00:00:00	394.23	35.41	728.28
23	2021-07-23 00:00:00	375.58	35.82	815.28
24	2021-07-24 00:00:00	375.14	35.92	1096.43
25	2021-07-25 00:00:00	405.80	35.67	1126.61
26	2021-07-26 00:00:00	395.79	35.84	1341.21

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2021-07-27 00:00:00	413.21	36.28	1273.72
28	2021-07-28 00:00:00	370.93	36.24	1137.78
29	2021-07-29 00:00:00	417.30	35.85	1117.49
30	2021-07-30 00:00:00	412.28	37.30	1132.75
31	2021-07-31 00:00:00	394.99	37.11	1295.51

**Report Details:** TPCIL | 2021-08-25 15:47:32 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

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	11.52	15.61	32.89	5.27
Minimum Data	5.83	5.38	13.03	4.57
Geometric Mean	8.15	8.21	19.3	5.03
Median	8.29	7.58	17.01	5.08
Standard Deviation	1.14	2.58	5.62	0.23
Maximum Value At Time	2021-07-21 00:00:00	2021-07-07 00:00:00	2021-07-07 00:00:00	2021-07-19 00:00:00
Minimum Value At Time	2021-07-01 00:00:00	2021-07-19 00:00:00	2021-07-18 00:00:00	2021-07-05 00:00:00
Valid Data Points	31	31	31	31
Total Data Points	31	31	31	31
Data Availability %	100.0%	100.0%	100.0%	100.0%

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	2021-07-01 00:00:00	5.83	12.19	22.55	4.69
2	2021-07-02 00:00:00	6.30	7.69	19.73	4.69
3	2021-07-03 00:00:00	6.60	8.93	16.42	4.60
4	2021-07-04 00:00:00	6.88	14.13	22.20	4.60
5	2021-07-05 00:00:00	6.24	8.21	16.69	4.57
6	2021-07-06 00:00:00	6.74	14.53	32.17	5.02
7	2021-07-07 00:00:00	7.43	15.61	32.89	5.03
8	2021-07-08 00:00:00	7.74	8.12	22.33	4.76
9	2021-07-09 00:00:00	7.94	7.19	25.86	4.67
10	2021-07-10 00:00:00	8.29	5.46	16.45	4.91
11	2021-07-11 00:00:00	7.87	6.02	16.97	5.05
12	2021-07-12 00:00:00	7.72	6.21	14.82	5.11
13	2021-07-13 00:00:00	7.53	8.04	23.15	4.97
14	2021-07-14 00:00:00	8.40	7.22	14.05	5.05

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	2021-07-15 00:00:00	8.61	6.42	13.91	5.00
16	2021-07-16 00:00:00	9.07	7.03	17.69	5.06
17	2021-07-17 00:00:00	8.73	7.28	15.00	5.21
18	2021-07-18 00:00:00	8.84	5.88	13.03	5.20
19	2021-07-19 00:00:00	8.53	5.38	13.07	5.27
20	2021-07-20 00:00:00	9.58	6.59	15.37	5.15
21	2021-07-21 00:00:00	11.52	6.75	13.50	5.27
22	2021-07-22 00:00:00	9.34	7.71	15.44	5.26
23	2021-07-23 00:00:00	8.92	9.73	20.81	5.21
24	2021-07-24 00:00:00	8.59	9.22	31.39	5.27
25	2021-07-25 00:00:00	8.08	8.73	21.37	5.10
26	2021-07-26 00:00:00	8.08	8.40	25.72	5.11
27	2021-07-27 00:00:00	8.24	7.12	19.57	5.08
28	2021-07-28 00:00:00	8.37	5.93	15.21	5.21
29	2021-07-29 00:00:00	8.58	7.58	19.89	5.23
30	2021-07-30 00:00:00	8.96	8.12	17.01	5.24
31	2021-07-31 00:00:00	9.06	7.07	14.14	5.24

**Report Details:** TPCIL | 2021-08-25 15:50:45 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

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	16.7	14.74	24.06	9.74
Minimum Data	10.49	4.94	9.02	7.66
Geometric Mean	14.07	8.28	14.76	9.02
Median	14.12	7.63	13.9	9.04
Standard Deviation	1.86	2.62	3.85	0.46
Maximum Value At Time	2021-07-17 00:00:00	2021-07-01 00:00:00	2021-07-06 00:00:00	2021-07-06 00:00:00
Minimum Value At Time	2021-07-31 00:00:00	2021-07-17 00:00:00	2021-07-21 00:00:00	2021-07-01 00:00:00
Valid Data Points	31	31	31	31
Total Data Points	31	31	31	31
Data Availability %	100.0%	100.0%	100.0%	100.0%

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	2021-07-01 00:00:00	12.83	14.74	20.52	7.66
2	2021-07-02 00:00:00	14.12	6.68	13.58	8.84
3	2021-07-03 00:00:00	14.09	7.63	14.65	8.69
4	2021-07-04 00:00:00	15.87	11.96	17.88	9.41
5	2021-07-05 00:00:00	12.26	6.98	13.25	9.11
6	2021-07-06 00:00:00	14.17	12.85	24.06	9.74
7	2021-07-07 00:00:00	15.21	14.24	22.27	9.29
8	2021-07-08 00:00:00	15.38	9.36	13.49	8.30
9	2021-07-09 00:00:00	16.10	9.30	20.28	8.84
10	2021-07-10 00:00:00	16.13	6.59	11.16	9.07
11	2021-07-11 00:00:00	15.84	10.22	11.36	9.07
12	2021-07-12 00:00:00	13.45	7.09	10.40	8.77
13	2021-07-13 00:00:00	11.44	7.30	20.40	9.03
14	2021-07-14 00:00:00	15.29	12.39	11.63	9.37

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	2021-07-15 00:00:00	16.67	8.90	9.37	8.79
16	2021-07-16 00:00:00	16.49	7.65	13.21	8.58
17	2021-07-17 00:00:00	16.70	4.94	11.00	8.94
18	2021-07-18 00:00:00	16.69	5.63	11.99	8.90
19	2021-07-19 00:00:00	15.04	5.47	13.90	9.04
20	2021-07-20 00:00:00	12.99	7.80	14.54	8.69
21	2021-07-21 00:00:00	14.96	8.69	9.02	8.91
22	2021-07-22 00:00:00	12.70	6.65	12.55	9.10
23	2021-07-23 00:00:00	15.55	9.12	15.55	9.53
24	2021-07-24 00:00:00	13.16	8.85	19.63	8.56
25	2021-07-25 00:00:00	12.17	8.38	15.16	8.48
26	2021-07-26 00:00:00	12.35	6.53	16.23	9.05
27	2021-07-27 00:00:00	12.74	5.76	16.10	9.54
28	2021-07-28 00:00:00	12.55	5.41	12.75	9.70
29	2021-07-29 00:00:00	10.79	7.58	15.30	9.52
30	2021-07-30 00:00:00	12.00	6.57	15.13	9.46
31	2021-07-31 00:00:00	10.49	5.33	11.27	9.74

**Report Details:** TPCIL | 2021-08-25 15:56:35 | Average Report





# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

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	10.57	24.85	33.26	10.3
Minimum Data	4.45	5.57	10.08	7.72
Geometric Mean	5.82	10.03	17.57	8.91
Median	5.37	8.88	16.25	8.8
Standard Deviation	1.31	4.02	5.68	0.8
Maximum Value At Time	2021-07-04 00:00:00	2021-07-20 00:00:00	2021-07-13 00:00:00	2021-07-31 00:00:00
Minimum Value At Time	2021-07-05 00:00:00	2021-07-19 00:00:00	2021-07-18 00:00:00	2021-07-01 00:00:00
Valid Data Points	31	31	31	31
Total Data Points	31	31	31	31
Data Availability %	100.0%	100.0%	100.0%	100.0%

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	2021-07-01 00:00:00	8.20	11.32	19.98	7.72
2	2021-07-02 00:00:00	8.16	7.90	16.25	7.84
3	2021-07-03 00:00:00	8.29	6.93	14.05	7.85
4	2021-07-04 00:00:00	10.57	11.91	23.64	8.64
5	2021-07-05 00:00:00	4.45	6.64	11.86	8.54
6	2021-07-06 00:00:00	7.07	15.70	25.94	7.81
7	2021-07-07 00:00:00	6.20	16.62	30.01	7.84
8	2021-07-08 00:00:00	5.56	11.72	20.91	8.05
9	2021-07-09 00:00:00	5.86	12.79	20.13	8.14
10	2021-07-10 00:00:00	5.79	5.60	15.12	8.18
11	2021-07-11 00:00:00	5.65	7.17	17.81	8.20
12	2021-07-12 00:00:00	5.37	8.88	20.84	8.41

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	2021-07-13 00:00:00	5.57	15.15	33.26	8.49
14	2021-07-14 00:00:00	5.52	12.28	12.19	8.64
15	2021-07-15 00:00:00	5.39	6.24	10.22	8.76
16	2021-07-16 00:00:00	5.69	6.79	12.60	8.80
17	2021-07-17 00:00:00	5.14	9.30	14.67	8.90
18	2021-07-18 00:00:00	5.07	8.64	10.08	9.01
19	2021-07-19 00:00:00	5.30	5.57	11.34	9.09
20	2021-07-20 00:00:00	5.02	24.85	20.34	9.30
21	2021-07-21 00:00:00	5.00	7.23	12.90	9.41
22	2021-07-22 00:00:00	5.00	7.72	11.38	9.44
23	2021-07-23 00:00:00	5.54	12.16	19.15	9.63
24	2021-07-24 00:00:00	5.10	11.19	22.48	9.53
25	2021-07-25 00:00:00	5.06	8.97	15.71	9.69
26	2021-07-26 00:00:00	5.20	9.09	14.87	9.77
27	2021-07-27 00:00:00	5.22	7.64	14.76	9.94
28	2021-07-28 00:00:00	5.21	10.84	23.10	10.01
29	2021-07-29 00:00:00	5.05	8.23	17.78	10.05
30	2021-07-30 00:00:00	5.15	8.50	17.92	10.16
31	2021-07-31 00:00:00	4.99	7.23	13.27	10.30

**Report Details:** TPCIL | 2021-08-25 15:59:13 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-07-2021T00:00:06Z To Date: 01-08-2021T09:00:06Z

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	9.16	15.59	41.25	8.01
Minimum Data	3.79	4.45	11.62	3.28
Geometric Mean	7.43	8.98	24.82	4.42
Median	7.6	8.09	23.1	3.62
Standard Deviation	1.07	2.67	7.99	1.53
Maximum Value At Time	2021-07-19 00:00:00	2021-07-07 00:00:00	2021-07-27 00:00:00	2021-07-26 00:00:00
Minimum Value At Time	2021-07-08 00:00:00	2021-07-10 00:00:00	2021-07-10 00:00:00	2021-07-18 00:00:00
Valid Data Points	31	31	31	31
Total Data Points	31	31	31	31
Data Availability %	100.0%	100.0%	100.0%	100.0%

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	2021-07-01 00:00:00	7.88	10.35	20.37	4.75
2	2021-07-02 00:00:00	7.94	8.74	13.65	4.43
3	2021-07-03 00:00:00	7.87	8.49	13.33	4.21
4	2021-07-04 00:00:00	7.21	14.99	21.58	3.74
5	2021-07-05 00:00:00	7.60	9.35	20.72	3.55
6	2021-07-06 00:00:00	8.65	14.52	29.24	3.63
7	2021-07-07 00:00:00	5.64	15.59	31.14	3.78
8	2021-07-08 00:00:00	3.79	6.61	18.03	3.62
9	2021-07-09 00:00:00	5.86	6.56	21.56	3.51
10	2021-07-10 00:00:00	5.98	4.45	11.62	3.45
11	2021-07-11 00:00:00	6.45	5.87	18.25	3.45
12	2021-07-12 00:00:00	6.89	7.24	23.61	3.39
13	2021-07-13 00:00:00	7.43	7.84	25.52	3.63
14	2021-07-14 00:00:00	7.13	7.64	17.64	3.50

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	2021-07-15 00:00:00	7.62	6.84	18.67	3.49
16	2021-07-16 00:00:00	8.12	7.63	20.31	3.46
17	2021-07-17 00:00:00	8.04	7.53	18.45	3.55
18	2021-07-18 00:00:00	8.51	6.26	19.36	3.28
19	2021-07-19 00:00:00	9.16	6.55	19.83	3.39
20	2021-07-20 00:00:00	8.81	7.94	26.50	3.43
21	2021-07-21 00:00:00	8.40	8.09	27.31	3.58
22	2021-07-22 00:00:00	7.89	9.25	28.33	3.47
23	2021-07-23 00:00:00	7.49	11.96	37.67	3.56
24	2021-07-24 00:00:00	8.00	11.76	39.59	3.69
25	2021-07-25 00:00:00	8.18	10.86	39.35	5.24
26	2021-07-26 00:00:00	7.71	10.52	35.84	8.01
27	2021-07-27 00:00:00	7.38	11.00	41.25	7.35
28	2021-07-28 00:00:00	7.44	7.87	30.34	7.36
29	2021-07-29 00:00:00	7.45	9.08	28.45	7.19
30	2021-07-30 00:00:00	7.31	9.53	28.85	7.18
31	2021-07-31 00:00:00	6.50	7.62	23.10	7.13

Report Details: TPCIL | 2021-08-25 16:03:43 | Average Report