



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	384.42	45.19	1312.16
Minimum Data	0.0	35.09	0.0
Geometric Mean	305.09	37.19	1023.64
Median	330.96	37.02	1136.99
Standard Deviation	104.57	1.69	357.99
Maximum Value At Time	2021-09-15 00:00:00	2021-09-28 00:00:00	2021-09-20 00:00:00
Minimum Value At Time	2021-09-29 00:00:00	2021-09-12 00:00:00	2021-09-29 00:00:00
Valid Data Points	30	30	30
Total Data Points	30	30	30
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	2021-09-01 00:00:00	313.44	37.54	1243.09
2	2021-09-02 00:00:00	323.56	37.73	1228.53
3	2021-09-03 00:00:00	315.26	37.48	1237.78
4	2021-09-04 00:00:00	329.51	37.62	1222.29
5	2021-09-05 00:00:00	321.75	37.90	1187.96
6	2021-09-06 00:00:00	362.08	37.34	1164.96
7	2021-09-07 00:00:00	341.78	36.39	1063.57
8	2021-09-08 00:00:00	325.50	36.25	1060.79
9	2021-09-09 00:00:00	365.96	37.09	1219.86
10	2021-09-10 00:00:00	384.20	36.11	1152.29
11	2021-09-11 00:00:00	344.74	35.75	1080.01
12	2021-09-12 00:00:00	326.88	35.09	899.24
13	2021-09-13 00:00:00	303.29	35.43	1080.38
14	2021-09-14 00:00:00	369.46	35.89	1086.45
15	2021-09-15 00:00:00	384.42	37.00	1180.25
16	2021-09-16 00:00:00	335.26	36.39	1158.76
17	2021-09-17 00:00:00	317.67	36.53	1090.05
18	2021-09-18 00:00:00	365.56	36.72	1134.77
19	2021-09-19 00:00:00	332.21	36.92	1199.08
20	2021-09-20 00:00:00	365.30	38.23	1312.16
21	2021-09-21 00:00:00	336.13	36.89	1102.14
22	2021-09-22 00:00:00	292.89	36.54	907.37
23	2021-09-23 00:00:00	330.66	36.90	1072.59
24	2021-09-24 00:00:00	357.55	37.71	1240.98
25	2021-09-25 00:00:00	331.27	37.55	1217.55
26	2021-09-26 00:00:00	336.90	37.15	1139.22

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2021-09-27 00:00:00	328.03	37.96	1013.87
28	2021-09-28 00:00:00	11.33	45.19	13.35
29	2021-09-29 00:00:00	0.00	37.33	0.00
30	2021-09-30 00:00:00	0.00	37.05	0.00

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**Report Details:** TPCIL | 2021-10-28 10:41:09 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	453.48	47.83	1455.16
Minimum Data	0.0	31.47	0.0
Geometric Mean	346.79	38.9	1177.07
Median	390.59	38.83	1331.09
Standard Deviation	122.27	2.79	414.21
Maximum Value At Time	2021-09-29 00:00:00	2021-09-06 00:00:00	2021-09-01 00:00:00
Minimum Value At Time	2021-09-04 00:00:00	2021-09-04 00:00:00	2021-09-04 00:00:00
Valid Data Points	30	30	30
Total Data Points	30	30	30
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	2021-09-01 00:00:00	382.49	36.20	1455.16
2	2021-09-02 00:00:00	334.77	37.85	1180.14
3	2021-09-03 00:00:00	5.71	42.05	0.87
4	2021-09-04 00:00:00	0.00	31.47	0.00
5	2021-09-05 00:00:00	0.00	32.69	0.00
6	2021-09-06 00:00:00	243.56	47.83	929.11
7	2021-09-07 00:00:00	398.36	43.00	1255.74
8	2021-09-08 00:00:00	392.78	40.66	1282.83
9	2021-09-09 00:00:00	399.12	40.67	1343.05
10	2021-09-10 00:00:00	398.34	39.39	1361.35
11	2021-09-11 00:00:00	401.28	39.73	1244.05
12	2021-09-12 00:00:00	400.72	38.43	1053.18
13	2021-09-13 00:00:00	397.93	39.19	1237.14
14	2021-09-14 00:00:00	404.58	38.86	1299.29
15	2021-09-15 00:00:00	369.15	39.38	1416.21
16	2021-09-16 00:00:00	389.89	38.29	1362.21
17	2021-09-17 00:00:00	368.24	38.50	1230.93
18	2021-09-18 00:00:00	340.93	38.64	1356.74
19	2021-09-19 00:00:00	344.53	36.92	1255.55
20	2021-09-20 00:00:00	379.56	39.38	1404.75
21	2021-09-21 00:00:00	387.51	39.58	1387.89
22	2021-09-22 00:00:00	388.42	38.76	1447.05
23	2021-09-23 00:00:00	386.77	38.57	1382.70
24	2021-09-24 00:00:00	393.10	40.06	1373.11
25	2021-09-25 00:00:00	391.29	37.94	1385.45
26	2021-09-26 00:00:00	399.92	38.25	1319.13

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2021-09-27 00:00:00	399.29	37.93	1227.72
28	2021-09-28 00:00:00	420.86	39.24	1359.89
29	2021-09-29 00:00:00	453.48	38.86	1376.22
30	2021-09-30 00:00:00	431.05	38.79	1384.70

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**Report Details:** TPCIL | 2021-10-28 10:46:25 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

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	15.96	20.48	43.71	6.52
Minimum Data	1.93	4.64	13.63	3.14
Geometric Mean	8.96	9.11	24.54	5.26
Median	8.59	7.68	22.22	5.78
Standard Deviation	3.61	3.92	8.63	1.09
Maximum Value At Time	2021-09-05 00:00:00	2021-09-19 00:00:00	2021-09-18 00:00:00	2021-09-07 00:00:00
Minimum Value At Time	2021-09-17 00:00:00	2021-09-07 00:00:00	2021-09-06 00:00:00	2021-09-29 00:00:00
Valid Data Points	30	30	30	30
Total Data Points	30	30	30	30
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	2021-09-01 00:00:00	3.92	9.58	29.80	6.04
2	2021-09-02 00:00:00	6.27	7.22	23.89	5.84
3	2021-09-03 00:00:00	4.28	9.32	19.96	5.83
4	2021-09-04 00:00:00	11.54	8.12	20.02	5.94
5	2021-09-05 00:00:00	15.96	6.23	17.63	6.18
6	2021-09-06 00:00:00	15.68	5.82	13.63	6.34
7	2021-09-07 00:00:00	15.11	4.64	18.34	6.52
8	2021-09-08 00:00:00	15.59	7.48	19.64	6.27
9	2021-09-09 00:00:00	12.22	6.09	18.29	6.36
10	2021-09-10 00:00:00	8.61	6.46	21.53	6.08
11	2021-09-11 00:00:00	8.79	6.91	22.45	5.74
12	2021-09-12 00:00:00	8.07	7.10	22.00	5.48
13	2021-09-13 00:00:00	9.96	6.36	24.50	5.77
14	2021-09-14 00:00:00	8.86	8.44	33.69	5.83

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	2021-09-15 00:00:00	7.43	10.48	38.05	6.15
16	2021-09-16 00:00:00	4.63	9.47	34.07	5.71
17	2021-09-17 00:00:00	1.93	16.73	41.40	5.68
18	2021-09-18 00:00:00	3.94	20.35	43.71	6.14
19	2021-09-19 00:00:00	6.63	20.48	43.05	6.10
20	2021-09-20 00:00:00	8.28	13.16	32.43	5.80
21	2021-09-21 00:00:00	6.48	9.56	23.87	4.43
22	2021-09-22 00:00:00	7.77	6.55	15.85	4.31
23	2021-09-23 00:00:00	7.65	7.96	19.42	4.15
24	2021-09-24 00:00:00	7.55	6.83	17.29	3.78
25	2021-09-25 00:00:00	8.58	11.47	25.61	4.06
26	2021-09-26 00:00:00	11.09	7.55	15.32	3.70
27	2021-09-27 00:00:00	10.27	7.13	18.87	3.67
28	2021-09-28 00:00:00	10.06	7.82	23.95	3.60
29	2021-09-29 00:00:00	10.88	7.15	13.81	3.14
30	2021-09-30 00:00:00	10.74	10.73	24.02	3.29

**Report Details:** TPCIL | 2021-10-28 10:50:10 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

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	24.66	23.15	37.21	14.89
Minimum Data	6.06	0.11	0.0	3.09
Geometric Mean	15.19	11.5	16.31	11.15
Median	14.73	11.14	14.2	13.31
Standard Deviation	4.71	5.72	8.45	4.09
Maximum Value At Time	2021-09-11 00:00:00	2021-09-19 00:00:00	2021-09-17 00:00:00	2021-09-18 00:00:00
Minimum Value At Time	2021-09-23 00:00:00	2021-09-26 00:00:00	2021-09-16 00:00:00	2021-09-29 00:00:00
Valid Data Points	30	30	30	30
Total Data Points	30	30	30	30
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	2021-09-01 00:00:00	12.45	14.15	19.95	11.13
2	2021-09-02 00:00:00	15.21	13.55	15.07	11.61
3	2021-09-03 00:00:00	17.06	13.05	14.36	11.59
4	2021-09-04 00:00:00	16.06	11.03	13.21	11.73
5	2021-09-05 00:00:00	14.25	10.43	8.33	13.35
6	2021-09-06 00:00:00	13.13	20.15	10.81	14.27
7	2021-09-07 00:00:00	11.63	7.23	13.57	13.92
8	2021-09-08 00:00:00	12.00	9.88	15.80	14.30
9	2021-09-09 00:00:00	11.13	9.70	14.01	13.82
10	2021-09-10 00:00:00	9.29	11.61	19.83	14.21
11	2021-09-11 00:00:00	24.66	14.15	35.27	13.06
12	2021-09-12 00:00:00	24.44	7.57	10.94	13.27
13	2021-09-13 00:00:00	20.58	11.25	19.32	13.82
14	2021-09-14 00:00:00	19.55	11.59	22.68	14.82

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	2021-09-15 00:00:00	19.13	15.45	1.40	14.42
16	2021-09-16 00:00:00	17.99	14.75	0.00	14.01
17	2021-09-17 00:00:00	18.94	21.14	37.21	14.50
18	2021-09-18 00:00:00	18.74	21.53	26.46	14.89
19	2021-09-19 00:00:00	19.45	23.15	33.26	14.74
20	2021-09-20 00:00:00	19.18	19.60	23.10	14.33
21	2021-09-21 00:00:00	20.50	11.78	13.27	14.39
22	2021-09-22 00:00:00	12.14	4.61	11.39	9.57
23	2021-09-23 00:00:00	6.06	9.86	14.13	5.51
24	2021-09-24 00:00:00	6.98	3.14	11.88	5.42
25	2021-09-25 00:00:00	10.70	2.14	17.00	5.14
26	2021-09-26 00:00:00	12.42	0.11	13.55	5.63
27	2021-09-27 00:00:00	12.33	8.30	14.07	5.94
28	2021-09-28 00:00:00	15.76	8.04	14.26	4.96
29	2021-09-29 00:00:00	11.79	6.05	9.28	3.09
30	2021-09-30 00:00:00	12.08	9.89	15.85	3.14

**Report Details:** TPCIL | 2021-10-28 11:01:22 | Average Report





# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

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	28.71	25.92	29.66	80.5
Minimum Data	3.27	8.1	12.02	0.1
Geometric Mean	7.02	13.92	20.0	6.19
Median	5.74	12.4	20.95	3.44
Standard Deviation	4.53	4.75	4.61	14.17
Maximum Value At Time	2021-09-05 00:00:00	2021-09-02 00:00:00	2021-09-17 00:00:00	2021-09-24 00:00:00
Minimum Value At Time	2021-09-01 00:00:00	2021-09-29 00:00:00	2021-09-26 00:00:00	2021-09-25 00:00:00
Valid Data Points	30	30	30	30
Total Data Points	30	30	30	30
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	2021-09-01 00:00:00	3.27	14.23	20.67	3.83
2	2021-09-02 00:00:00	3.36	25.92	21.18	3.46
3	2021-09-03 00:00:00	3.42	15.04	21.14	3.83
4	2021-09-04 00:00:00	4.07	19.74	21.16	3.72
5	2021-09-05 00:00:00	28.71	19.84	17.30	5.01
6	2021-09-06 00:00:00	5.69	8.74	15.36	4.25
7	2021-09-07 00:00:00	5.66	12.05	23.75	5.71
8	2021-09-08 00:00:00	6.88	19.08	20.96	6.18
9	2021-09-09 00:00:00	10.47	22.71	27.01	3.42
10	2021-09-10 00:00:00	7.53	14.25	24.83	3.16
11	2021-09-11 00:00:00	5.64	8.74	20.94	2.24
12	2021-09-12 00:00:00	5.67	9.75	18.89	2.08

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	2021-09-13 00:00:00	5.70	9.78	17.77	2.28
14	2021-09-14 00:00:00	5.72	11.03	19.53	3.11
15	2021-09-15 00:00:00	5.74	13.64	22.52	2.39
16	2021-09-16 00:00:00	5.75	14.57	24.87	2.30
17	2021-09-17 00:00:00	5.75	19.30	29.66	2.54
18	2021-09-18 00:00:00	5.68	19.86	26.90	2.96
19	2021-09-19 00:00:00	5.62	19.79	26.17	2.78
20	2021-09-20 00:00:00	3.33	14.52	21.48	2.59
21	2021-09-21 00:00:00	5.08	11.03	15.41	4.20
22	2021-09-22 00:00:00	10.56	12.58	12.76	5.49
23	2021-09-23 00:00:00	8.75	9.91	15.50	5.68
24	2021-09-24 00:00:00	8.01	10.52	12.08	80.50
25	2021-09-25 00:00:00	9.55	11.50	17.19	0.10
26	2021-09-26 00:00:00	8.30	8.36	12.02	0.10
27	2021-09-27 00:00:00	7.14	9.90	14.47	10.29
28	2021-09-28 00:00:00	7.05	10.88	21.35	3.88
29	2021-09-29 00:00:00	6.25	8.10	16.04	4.77
30	2021-09-30 00:00:00	6.12	12.23	21.11	2.76

**Report Details:** TPCIL | 2021-10-28 11:04:21 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-09-2021T00:00:31Z To Date: 01-10-2021T00:00:31Z

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	18.53	18.08	35.16	20.63
Minimum Data	2.5	4.3	11.07	2.35
Geometric Mean	9.23	8.57	19.37	11.83
Median	8.12	7.46	18.0	16.27
Standard Deviation	4.41	3.34	5.88	7.22
Maximum Value At Time	2021-09-09 00:00:00	2021-09-19 00:00:00	2021-09-02 00:00:00	2021-09-17 00:00:00
Minimum Value At Time	2021-09-30 00:00:00	2021-09-07 00:00:00	2021-09-16 00:00:00	2021-09-29 00:00:00
Valid Data Points	30	30	30	30
Total Data Points	30	30	30	30
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	2021-09-01 00:00:00	14.83	7.90	29.73	16.69
2	2021-09-02 00:00:00	15.53	7.02	35.16	17.87
3	2021-09-03 00:00:00	16.62	7.91	22.21	18.69
4	2021-09-04 00:00:00	14.74	7.28	21.41	16.06
5	2021-09-05 00:00:00	8.50	5.69	18.47	14.82
6	2021-09-06 00:00:00	8.48	4.55	16.06	16.49
7	2021-09-07 00:00:00	8.66	4.30	15.83	17.37
8	2021-09-08 00:00:00	13.32	6.00	17.57	18.15
9	2021-09-09 00:00:00	18.53	6.96	23.56	17.44
10	2021-09-10 00:00:00	15.05	5.70	24.75	16.77
11	2021-09-11 00:00:00	13.14	6.54	29.92	16.54
12	2021-09-12 00:00:00	11.64	10.75	23.24	17.08
13	2021-09-13 00:00:00	6.06	8.64	19.33	15.88
14	2021-09-14 00:00:00	7.51	7.63	27.93	18.09

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	2021-09-15 00:00:00	7.56	10.82	22.01	19.83
16	2021-09-16 00:00:00	6.98	11.13	11.07	19.22
17	2021-09-17 00:00:00	7.92	16.60	14.54	20.63
18	2021-09-18 00:00:00	7.93	14.19	12.58	16.56
19	2021-09-19 00:00:00	7.88	18.08	12.61	8.74
20	2021-09-20 00:00:00	10.01	13.34	12.13	7.08
21	2021-09-21 00:00:00	13.59	9.02	17.68	2.40
22	2021-09-22 00:00:00	8.31	6.47	17.47	2.50
23	2021-09-23 00:00:00	5.15	7.65	15.67	2.53
24	2021-09-24 00:00:00	3.79	7.22	16.18	2.41
25	2021-09-25 00:00:00	4.57	10.05	21.27	2.61
26	2021-09-26 00:00:00	4.08	7.12	13.39	2.53
27	2021-09-27 00:00:00	4.54	6.81	18.32	2.43
28	2021-09-28 00:00:00	5.64	6.72	16.85	2.64
29	2021-09-29 00:00:00	3.96	5.52	13.37	2.35
30	2021-09-30 00:00:00	2.50	9.42	20.88	2.47

**Report Details:** TPCIL | 2021-10-28 11:07:08 | Average Report