



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	375.63	43.22	1296.85
Minimum Data	131.58	37.81	334.87
Geometric Mean	323.35	40.12	1099.42
Median	331.07	39.04	1164.36
Standard Deviation	46.25	2.1	194.16
Maximum Value At Time	2021-10-08 00:00:00	2021-10-28 00:00:00	2021-10-20 00:00:00
Minimum Value At Time	2021-10-01 00:00:00	2021-10-21 00:00:00	2021-10-01 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	2021-10-01 00:00:00	131.58	42.15	334.87
2	2021-10-02 00:00:00	289.26	37.96	899.75
3	2021-10-03 00:00:00	304.80	38.76	1027.66
4	2021-10-04 00:00:00	272.30	39.06	1170.30
5	2021-10-05 00:00:00	357.20	40.40	1234.80
6	2021-10-06 00:00:00	328.21	40.18	1254.57
7	2021-10-07 00:00:00	367.12	39.04	1280.70
8	2021-10-08 00:00:00	375.63	39.18	1251.45
9	2021-10-09 00:00:00	332.86	38.48	1234.32
10	2021-10-10 00:00:00	325.44	38.20	1210.90
11	2021-10-11 00:00:00	330.20	38.43	1214.48
12	2021-10-12 00:00:00	337.00	38.58	1222.32
13	2021-10-13 00:00:00	324.00	38.56	1214.53
14	2021-10-14 00:00:00	335.48	38.71	1199.11
15	2021-10-15 00:00:00	353.56	38.33	1164.36
16	2021-10-16 00:00:00	370.69	38.20	1156.40
17	2021-10-17 00:00:00	350.61	38.19	1182.25
18	2021-10-18 00:00:00	351.68	38.20	1114.98
19	2021-10-19 00:00:00	344.88	38.66	1238.38
20	2021-10-20 00:00:00	373.32	38.36	1296.85
21	2021-10-21 00:00:00	273.19	37.81	913.03
22	2021-10-22 00:00:00	278.15	40.83	923.67
23	2021-10-23 00:00:00	316.29	43.02	1199.12
24	2021-10-24 00:00:00	303.49	43.03	1116.98
25	2021-10-25 00:00:00	288.72	43.03	1149.09
26	2021-10-26 00:00:00	359.97	43.03	1086.53

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2021-10-27 00:00:00	342.20	43.02	1079.33
28	2021-10-28 00:00:00	317.97	43.22	801.69
29	2021-10-29 00:00:00	302.98	42.93	846.82
30	2021-10-30 00:00:00	331.07	43.03	996.97
31	2021-10-31 00:00:00	353.87	43.04	1065.71

**Report Details:** TPCIL | 2021-11-25 19:49:53 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	417.86	47.02	1398.64
Minimum Data	0.0	7.33	0.0
Geometric Mean	311.75	35.39	1007.4
Median	380.36	38.11	1263.99
Standard Deviation	149.01	9.65	493.95
Maximum Value At Time	2021-10-05 00:00:00	2021-10-25 00:00:00	2021-10-01 00:00:00
Minimum Value At Time	2021-10-21 00:00:00	2021-10-24 00:00:00	2021-10-20 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	2021-10-01 00:00:00	390.33	38.76	1398.64
2	2021-10-02 00:00:00	414.57	38.51	1375.99
3	2021-10-03 00:00:00	379.94	37.77	1313.62
4	2021-10-04 00:00:00	360.39	38.12	1253.19
5	2021-10-05 00:00:00	417.86	38.86	1302.13
6	2021-10-06 00:00:00	381.45	39.06	1344.23
7	2021-10-07 00:00:00	407.34	39.27	1347.54
8	2021-10-08 00:00:00	417.46	38.97	1290.08
9	2021-10-09 00:00:00	387.96	39.39	1324.39
10	2021-10-10 00:00:00	379.58	38.85	1332.96
11	2021-10-11 00:00:00	345.38	37.73	1287.38
12	2021-10-12 00:00:00	362.26	38.11	1288.66
13	2021-10-13 00:00:00	375.67	36.53	1258.60
14	2021-10-14 00:00:00	400.76	37.77	1292.79
15	2021-10-15 00:00:00	380.36	36.42	1257.96
16	2021-10-16 00:00:00	382.05	36.35	1257.61
17	2021-10-17 00:00:00	411.31	35.59	1263.99
18	2021-10-18 00:00:00	405.16	35.74	1264.51
19	2021-10-19 00:00:00	157.94	41.40	398.98
20	2021-10-20 00:00:00	1.89	35.87	0.00
21	2021-10-21 00:00:00	0.00	26.45	0.00
22	2021-10-22 00:00:00	0.00	8.23	0.00
23	2021-10-23 00:00:00	0.00	8.57	0.00
24	2021-10-24 00:00:00	0.00	7.33	0.00
25	2021-10-25 00:00:00	204.05	47.02	695.39
26	2021-10-26 00:00:00	392.37	43.20	1282.44

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2021-10-27 00:00:00	394.36	42.85	1269.37
28	2021-10-28 00:00:00	385.54	40.06	943.81
29	2021-10-29 00:00:00	376.77	37.47	965.15
30	2021-10-30 00:00:00	362.70	37.94	1080.54
31	2021-10-31 00:00:00	388.77	38.96	1139.53

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**Report Details:** TPCIL | 2021-11-25 19:55:26 | Average Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

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	14.21	43.44	64.88	6.25
Minimum Data	1.24	2.87	11.97	3.07
Geometric Mean	10.53	19.12	37.31	5.03
Median	10.47	19.69	40.42	5.27
Standard Deviation	3.12	12.5	17.67	0.88
Maximum Value At Time	2021-10-08 00:00:00	2021-10-28 00:00:00	2021-10-21 00:00:00	2021-10-28 00:00:00
Minimum Value At Time	2021-10-06 00:00:00	2021-10-02 00:00:00	2021-10-29 00:00:00	2021-10-01 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	Main_Gate-NOx(ug/m3)	Main_Gate-PM2.5(ug/m3)	Main_Gate-PM10(ug/m3)	Main_Gate-SO2(ug/m3)
1	2021-10-01 00:00:00	10.12	5.97	21.52	3.07
2	2021-10-02 00:00:00	9.31	2.87	16.30	3.28
3	2021-10-03 00:00:00	8.51	6.55	17.77	3.66
4	2021-10-04 00:00:00	11.91	3.93	23.20	3.66
5	2021-10-05 00:00:00	1.53	3.66	19.39	4.12
6	2021-10-06 00:00:00	1.24	4.00	18.86	3.91
7	2021-10-07 00:00:00	8.90	19.69	43.92	4.13
8	2021-10-08 00:00:00	14.21	15.01	40.42	4.36
9	2021-10-09 00:00:00	12.95	7.92	21.72	4.38
10	2021-10-10 00:00:00	12.98	11.05	27.68	4.53
11	2021-10-11 00:00:00	12.89	28.72	52.15	5.16
12	2021-10-12 00:00:00	12.32	28.95	55.71	5.29
13	2021-10-13 00:00:00	12.38	29.66	51.53	5.22
14	2021-10-14 00:00:00	12.70	31.02	59.34	5.27

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	2021-10-15 00:00:00	13.18	35.55	57.03	5.35
16	2021-10-16 00:00:00	13.15	24.96	42.16	5.20
17	2021-10-17 00:00:00	13.42	14.81	25.74	5.07
18	2021-10-18 00:00:00	13.19	27.13	46.88	5.11
19	2021-10-19 00:00:00	13.05	29.96	58.88	5.62
20	2021-10-20 00:00:00	12.83	28.81	60.34	5.48
21	2021-10-21 00:00:00	11.71	32.50	64.88	5.52
22	2021-10-22 00:00:00	9.58	21.76	34.18	5.68
23	2021-10-23 00:00:00	5.89	8.63	14.82	5.47
24	2021-10-24 00:00:00	10.00	13.88	28.27	5.50
25	2021-10-25 00:00:00	9.99	23.36	46.16	5.88
26	2021-10-26 00:00:00	10.47	32.44	55.70	6.07
27	2021-10-27 00:00:00	10.36	40.54	63.55	6.19
28	2021-10-28 00:00:00	10.39	43.44	46.25	6.25
29	2021-10-29 00:00:00	9.78	6.59	11.97	5.63
30	2021-10-30 00:00:00	8.74	4.16	15.06	5.94
31	2021-10-31 00:00:00	8.70	5.05	15.25	5.85

**Report Details:** TPCIL | 2021-11-25 19:57:44 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

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	52.45	32.52	38.36	8.68
Minimum Data	0.52	3.01	4.92	3.48
Geometric Mean	14.97	15.69	14.95	6.73
Median	10.72	13.01	13.7	7.03
Standard Deviation	13.28	8.79	7.89	1.09
Maximum Value At Time	2021-10-07 00:00:00	2021-10-28 00:00:00	2021-10-28 00:00:00	2021-10-07 00:00:00
Minimum Value At Time	2021-10-17 00:00:00	2021-10-06 00:00:00	2021-10-10 00:00:00	2021-10-01 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	2021-10-01 00:00:00	8.27	6.19	8.23	3.48
2	2021-10-02 00:00:00	5.79	5.74	8.06	5.87
3	2021-10-03 00:00:00	9.17	6.75	14.44	6.84
4	2021-10-04 00:00:00	13.06	5.50	9.07	6.60
5	2021-10-05 00:00:00	19.04	6.20	9.86	6.69
6	2021-10-06 00:00:00	51.42	3.01	13.89	6.94
7	2021-10-07 00:00:00	52.45	13.01	17.02	8.68
8	2021-10-08 00:00:00	11.55	9.08	18.16	7.18
9	2021-10-09 00:00:00	13.94	7.38	11.88	7.30
10	2021-10-10 00:00:00	15.42	7.47	4.92	7.08
11	2021-10-11 00:00:00	10.21	23.21	12.82	7.98
12	2021-10-12 00:00:00	10.72	23.31	13.58	7.48
13	2021-10-13 00:00:00	8.97	23.52	13.70	7.79
14	2021-10-14 00:00:00	11.58	24.43	14.87	7.66

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	2021-10-15 00:00:00	9.93	27.90	16.57	7.31
16	2021-10-16 00:00:00	3.27	19.09	11.58	7.37
17	2021-10-17 00:00:00	0.52	12.06	7.39	7.13
18	2021-10-18 00:00:00	0.52	22.69	14.47	7.21
19	2021-10-19 00:00:00	0.52	23.48	14.60	7.03
20	2021-10-20 00:00:00	4.43	12.03	15.59	7.41
21	2021-10-21 00:00:00	7.64	25.01	21.26	7.76
22	2021-10-22 00:00:00	8.42	16.45	20.21	7.67
23	2021-10-23 00:00:00	8.49	8.01	9.44	6.03
24	2021-10-24 00:00:00	8.46	26.96	11.91	5.32
25	2021-10-25 00:00:00	30.40	22.22	26.88	4.38
26	2021-10-26 00:00:00	44.41	18.65	25.13	5.87
27	2021-10-27 00:00:00	19.07	29.06	36.15	5.06
28	2021-10-28 00:00:00	19.06	32.52	38.36	6.27
29	2021-10-29 00:00:00	19.10	9.07	8.89	6.50
30	2021-10-30 00:00:00	19.07	5.63	5.71	6.57
31	2021-10-31 00:00:00	19.06	10.66	8.84	6.20

**Report Details:** TPCIL | 2021-11-25 20:00:18 | Average Report





# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

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	15.1	35.85	52.23	26.84
Minimum Data	2.64	3.13	5.13	0.0
Geometric Mean	11.14	14.4	22.52	12.78
Median	12.7	11.5	18.63	13.04
Standard Deviation	4.29	9.3	13.73	9.81
Maximum Value At Time	2021-10-23 00:00:00	2021-10-20 00:00:00	2021-10-28 00:00:00	2021-10-06 00:00:00
Minimum Value At Time	2021-10-08 00:00:00	2021-10-02 00:00:00	2021-10-02 00:00:00	2021-10-18 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%

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	2021-10-01 00:00:00	5.66	5.20	6.67	13.04
2	2021-10-02 00:00:00	5.56	3.13	5.13	16.88
3	2021-10-03 00:00:00	5.58	3.43	6.37	20.87
4	2021-10-04 00:00:00	5.64	3.86	6.83	21.16
5	2021-10-05 00:00:00	8.34	6.90	6.00	25.70
6	2021-10-06 00:00:00	2.71	3.32	6.24	26.84
7	2021-10-07 00:00:00	2.72	11.50	18.63	22.08
8	2021-10-08 00:00:00	2.64	10.18	16.31	21.17
9	2021-10-09 00:00:00	9.39	7.20	13.54	20.43
10	2021-10-10 00:00:00	14.70	8.72	15.60	19.99
11	2021-10-11 00:00:00	14.65	19.92	28.96	21.87
12	2021-10-12 00:00:00	14.98	22.64	33.20	21.11

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	2021-10-13 00:00:00	14.74	20.81	29.67	22.09
14	2021-10-14 00:00:00	14.90	22.53	35.11	24.03
15	2021-10-15 00:00:00	14.81	26.70	38.84	24.93
16	2021-10-16 00:00:00	14.68	19.87	26.88	23.67
17	2021-10-17 00:00:00	14.72	11.19	17.63	10.07
18	2021-10-18 00:00:00	14.78	22.60	34.29	0.00
19	2021-10-19 00:00:00	14.78	22.42	35.10	1.24
20	2021-10-20 00:00:00	15.01	35.85	28.70	1.95
21	2021-10-21 00:00:00	14.53	15.96	35.11	3.51
22	2021-10-22 00:00:00	14.76	16.06	27.51	3.53
23	2021-10-23 00:00:00	15.10	6.64	13.07	1.88
24	2021-10-24 00:00:00	14.62	8.32	16.57	1.80
25	2021-10-25 00:00:00	12.70	15.62	28.27	3.32
26	2021-10-26 00:00:00	10.12	21.70	41.79	1.36
27	2021-10-27 00:00:00	10.11	27.61	48.45	0.60
28	2021-10-28 00:00:00	10.41	31.01	52.23	0.30
29	2021-10-29 00:00:00	10.72	7.91	9.99	4.36
30	2021-10-30 00:00:00	10.81	3.60	6.83	8.22
31	2021-10-31 00:00:00	10.51	3.96	8.70	8.25

**Report Details:** TPCIL | 2021-11-25 20:02:16 | Average Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-10-2021T00:00:30Z To Date: 01-11-2021T09:45:30Z

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	18.64	27.96	64.04	16.7
Minimum Data	2.83	2.26	4.54	2.06
Geometric Mean	12.66	10.96	24.24	9.65
Median	12.92	11.83	21.89	10.06
Standard Deviation	3.96	6.77	16.32	2.78
Maximum Value At Time	2021-10-17 00:00:00	2021-10-28 00:00:00	2021-10-13 00:00:00	2021-10-14 00:00:00
Minimum Value At Time	2021-10-01 00:00:00	2021-10-03 00:00:00	2021-10-31 00:00:00	2021-10-03 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	2021-10-01 00:00:00	2.83	5.64	14.63	3.26
2	2021-10-02 00:00:00	5.55	2.65	9.07	2.55
3	2021-10-03 00:00:00	6.19	2.26	7.53	2.06
4	2021-10-04 00:00:00	6.90	3.89	8.93	6.66
5	2021-10-05 00:00:00	9.25	3.41	10.67	10.36
6	2021-10-06 00:00:00	11.60	2.56	6.10	10.06
7	2021-10-07 00:00:00	11.50	13.55	25.01	10.63
8	2021-10-08 00:00:00	10.88	9.24	19.22	10.59
9	2021-10-09 00:00:00	9.27	7.30	35.41	10.23
10	2021-10-10 00:00:00	7.70	5.35	55.42	10.81
11	2021-10-11 00:00:00	12.02	16.03	43.46	11.94
12	2021-10-12 00:00:00	15.54	14.57	42.01	11.02
13	2021-10-13 00:00:00	14.96	16.10	64.04	11.29
14	2021-10-14 00:00:00	15.80	14.88	41.69	16.70

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	2021-10-15 00:00:00	15.98	18.10	40.72	11.74
16	2021-10-16 00:00:00	16.42	11.83	28.28	11.26
17	2021-10-17 00:00:00	18.64	7.10	18.14	11.09
18	2021-10-18 00:00:00	15.87	15.28	36.73	10.45
19	2021-10-19 00:00:00	15.35	15.40	37.87	9.94
20	2021-10-20 00:00:00	17.47	14.81	31.37	9.66
21	2021-10-21 00:00:00	15.41	17.38	44.29	9.58
22	2021-10-22 00:00:00	12.24	12.21	22.46	9.72
23	2021-10-23 00:00:00	12.01	5.01	6.26	9.23
24	2021-10-24 00:00:00	10.53	8.04	8.26	9.65
25	2021-10-25 00:00:00	10.77	13.47	13.18	9.46
26	2021-10-26 00:00:00	15.88	19.56	18.83	9.68
27	2021-10-27 00:00:00	15.44	23.95	21.89	9.44
28	2021-10-28 00:00:00	16.55	27.96	24.34	10.09
29	2021-10-29 00:00:00	16.64	5.14	6.28	10.26
30	2021-10-30 00:00:00	14.50	3.72	4.87	9.98
31	2021-10-31 00:00:00	12.92	3.36	4.54	9.89

Report Details: TPCIL | 2021-11-25 20:04:36 | Average Report