



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	466.18	38.69	1444.32
Minimum Data	314.97	32.0	738.59
Geometric Mean	374.39	36.1	1036.35
Median	360.74	36.22	1020.97
Standard Deviation	41.94	1.7	220.73
Maximum Value At Time	2021-05-08 00:00:00	2021-05-02 00:00:00	2021-05-13 00:00:00
Minimum Value At Time	2021-05-31 00:00:00	2021-05-21 00:00:00	2021-05-27 00:00:00
Valid Data Points	30	31	30
Total Data Points	31	31	31
Data Availability %	96.77%	100.0%	96.77%

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
1	2021-05-01 00:00:00	409.61	38.40	1270.64
2	2021-05-02 00:00:00	383.58	38.69	1161.18
3	2021-05-03 00:00:00	423.34	38.20	1129.88
4	2021-05-04 00:00:00	393.28	38.48	1216.12
5	2021-05-05 00:00:00	338.22	38.05	987.91
6	2021-05-06 00:00:00	432.54	37.44	1054.97
7	2021-05-07 00:00:00	456.08	37.95	1080.17
8	2021-05-08 00:00:00	466.18	37.57	1137.41
9	2021-05-09 00:00:00	434.45	36.44	1330.04
10	2021-05-10 00:00:00	436.67	36.36	1349.97
11	2021-05-11 00:00:00	396.16	36.27	1327.19
12	2021-05-12 00:00:00	392.08	34.94	1333.67
13	2021-05-13 00:00:00	371.24	35.13	1444.32
14	2021-05-14 00:00:00	333.79	35.79	1217.23
15	2021-05-15 00:00:00	337.36	36.22	1340.07
16	2021-05-16 00:00:00	364.14	35.89	860.22
17	2021-05-17 00:00:00	319.31	36.72	875.93
18	2021-05-18 00:00:00	345.93	36.25	791.34
19	2021-05-19 00:00:00	345.26	36.54	747.01
20	2021-05-20 00:00:00	363.11	38.20	870.33
21	2021-05-21 00:00:00	NA	32.00	NA
22	2021-05-22 00:00:00	396.94	35.20	805.24
23	2021-05-23 00:00:00	351.18	36.00	822.72
24	2021-05-24 00:00:00	323.79	36.13	764.01
25	2021-05-25 00:00:00	337.33	35.61	883.31
26	2021-05-26 00:00:00	356.39	34.53	779.50

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2021-05-27 00:00:00	358.36	33.74	738.59
28	2021-05-28 00:00:00	347.78	33.81	868.57
29	2021-05-29 00:00:00	356.46	35.75	1054.04
30	2021-05-30 00:00:00	346.19	33.74	973.47
31	2021-05-31 00:00:00	314.97	33.14	875.55

Report Details: TPCIL | 2021-06-25 12:48:43 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	489.73	41.96	1584.67
Minimum Data	350.09	27.42	730.95
Geometric Mean	415.85	38.03	1140.02
Median	409.96	39.16	1047.37
Standard Deviation	40.24	3.25	265.02
Maximum Value At Time	2021-05-08 00:00:00	2021-05-20 00:00:00	2021-05-12 00:00:00
Minimum Value At Time	2021-05-29 00:00:00	2021-05-25 00:00:00	2021-05-19 00:00:00
Valid Data Points	30	30	30
Total Data Points	31	31	31
Data Availability %	96.77%	96.77%	96.77%

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
1	2021-05-01 00:00:00	448.69	39.72	1365.86
2	2021-05-02 00:00:00	417.16	39.86	1272.11
3	2021-05-03 00:00:00	444.15	38.88	1247.26
4	2021-05-04 00:00:00	444.50	40.33	1367.77
5	2021-05-05 00:00:00	408.88	39.44	1123.35
6	2021-05-06 00:00:00	451.40	40.25	1051.84
7	2021-05-07 00:00:00	435.24	38.75	1114.55
8	2021-05-08 00:00:00	489.73	37.79	1257.84
9	2021-05-09 00:00:00	469.62	37.52	1495.02
10	2021-05-10 00:00:00	477.97	37.63	1470.21
11	2021-05-11 00:00:00	451.19	40.93	1570.44
12	2021-05-12 00:00:00	482.35	40.35	1584.67
13	2021-05-13 00:00:00	431.05	39.47	1580.88
14	2021-05-14 00:00:00	377.87	39.54	1408.89
15	2021-05-15 00:00:00	406.32	40.69	1543.25
16	2021-05-16 00:00:00	466.11	40.51	1042.90
17	2021-05-17 00:00:00	364.24	40.49	843.66
18	2021-05-18 00:00:00	373.94	40.16	802.97
19	2021-05-19 00:00:00	389.23	40.37	730.95
20	2021-05-20 00:00:00	411.05	41.96	901.52
21	2021-05-21 00:00:00	NA	NA	NA
22	2021-05-22 00:00:00	433.40	38.37	950.77
23	2021-05-23 00:00:00	400.11	34.24	925.61
24	2021-05-24 00:00:00	369.79	33.48	926.90
25	2021-05-25 00:00:00	368.01	27.42	938.49
26	2021-05-26 00:00:00	391.63	30.37	938.31

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2021-05-27 00:00:00	393.98	34.90	873.20
28	2021-05-28 00:00:00	370.32	36.48	964.17
29	2021-05-29 00:00:00	350.09	37.32	996.11
30	2021-05-30 00:00:00	373.15	37.55	937.84
31	2021-05-31 00:00:00	384.48	36.11	973.22

Report Details: TPCIL | 2021-06-25 13:01:50 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

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	8.32	24.42	46.08	8.94
Minimum Data	4.36	1.7	12.12	3.95
Geometric Mean	5.94	6.89	20.31	6.56
Median	5.96	5.18	19.11	6.98
Standard Deviation	0.93	4.68	7.89	1.17
Maximum Value At Time	2021-05-23 00:00:00	2021-05-01 00:00:00	2021-05-26 00:00:00	2021-05-25 00:00:00
Minimum Value At Time	2021-05-07 00:00:00	2021-05-12 00:00:00	2021-05-07 00:00:00	2021-05-30 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	2021-05-01 00:00:00	4.45	24.42	20.80	6.76
2	2021-05-02 00:00:00	5.47	3.86	17.54	6.66
3	2021-05-03 00:00:00	4.70	3.11	14.26	6.75
4	2021-05-04 00:00:00	5.05	4.23	19.11	6.78
5	2021-05-05 00:00:00	5.16	4.16	15.29	6.85
6	2021-05-06 00:00:00	5.08	2.78	12.46	6.95
7	2021-05-07 00:00:00	4.36	2.19	12.12	6.89
8	2021-05-08 00:00:00	4.94	3.66	14.84	7.03
9	2021-05-09 00:00:00	4.52	3.96	13.23	7.12
10	2021-05-10 00:00:00	4.98	3.82	14.20	6.99
11	2021-05-11 00:00:00	5.94	7.01	18.35	6.89
12	2021-05-12 00:00:00	5.88	1.70	15.49	7.04
13	2021-05-13 00:00:00	6.66	5.16	14.50	7.11
14	2021-05-14 00:00:00	6.36	4.96	14.62	7.00

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	2021-05-15 00:00:00	6.17	5.18	22.82	6.99
16	2021-05-16 00:00:00	6.15	4.33	22.90	6.98
17	2021-05-17 00:00:00	6.73	6.94	20.95	7.18
18	2021-05-18 00:00:00	6.43	5.37	20.73	7.14
19	2021-05-19 00:00:00	6.88	5.45	20.08	7.24
20	2021-05-20 00:00:00	6.45	4.71	15.08	7.32
21	2021-05-21 00:00:00	6.77	4.72	14.38	7.05
22	2021-05-22 00:00:00	6.77	5.48	20.68	7.30
23	2021-05-23 00:00:00	8.32	10.76	37.17	7.42
24	2021-05-24 00:00:00	7.34	11.82	24.80	6.76
25	2021-05-25 00:00:00	6.93	15.78	38.62	8.94
26	2021-05-26 00:00:00	5.80	12.89	46.08	4.17
27	2021-05-27 00:00:00	6.26	9.37	27.54	5.30
28	2021-05-28 00:00:00	6.25	8.18	22.62	4.59
29	2021-05-29 00:00:00	5.43	10.21	22.27	4.33
30	2021-05-30 00:00:00	5.96	10.28	20.08	3.95
31	2021-05-31 00:00:00	5.81	7.00	16.09	3.97

Report Details: TPCIL | 2021-06-25 13:03:38 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

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	11.49	37.16	41.93	12.54
Minimum Data	6.2	2.85	6.48	6.27
Geometric Mean	9.14	10.93	16.23	9.92
Median	9.38	8.99	13.45	10.48
Standard Deviation	1.32	6.34	8.64	1.61
Maximum Value At Time	2021-05-28 00:00:00	2021-05-25 00:00:00	2021-05-25 00:00:00	2021-05-11 00:00:00
Minimum Value At Time	2021-05-07 00:00:00	2021-05-12 00:00:00	2021-05-12 00:00:00	2021-05-30 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	Field_Hostel-NOx(ug/m3)	Field_Hostel-PM2.5(ug/m3)	Field_Hostel-PM10(ug/m3)	Field_Hostel-SO2(ug/m3)
1	2021-05-01 00:00:00	6.88	8.99	13.43	10.31
2	2021-05-02 00:00:00	8.73	7.26	11.53	9.99
3	2021-05-03 00:00:00	7.09	8.46	11.76	10.33
4	2021-05-04 00:00:00	8.17	7.58	13.03	10.62
5	2021-05-05 00:00:00	8.48	10.19	14.42	10.66
6	2021-05-06 00:00:00	11.06	9.59	13.38	10.62
7	2021-05-07 00:00:00	6.20	5.81	10.61	10.16
8	2021-05-08 00:00:00	7.70	7.41	10.49	10.37
9	2021-05-09 00:00:00	7.55	6.70	11.92	9.55
10	2021-05-10 00:00:00	7.18	6.04	10.11	10.38
11	2021-05-11 00:00:00	9.23	8.32	15.18	12.54
12	2021-05-12 00:00:00	8.64	2.85	6.48	10.10
13	2021-05-13 00:00:00	10.93	17.74	8.28	11.48
14	2021-05-14 00:00:00	9.38	8.46	13.44	10.58

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	2021-05-15 00:00:00	9.41	8.69	13.45	10.93
16	2021-05-16 00:00:00	9.77	8.29	13.57	10.48
17	2021-05-17 00:00:00	10.00	11.82	20.78	10.64
18	2021-05-18 00:00:00	8.78	10.69	17.19	11.10
19	2021-05-19 00:00:00	9.92	9.68	15.68	10.71
20	2021-05-20 00:00:00	9.46	9.37	14.58	10.79
21	2021-05-21 00:00:00	8.71	7.66	11.27	10.52
22	2021-05-22 00:00:00	8.59	8.16	10.54	10.31
23	2021-05-23 00:00:00	11.32	19.39	38.04	11.01
24	2021-05-24 00:00:00	9.80	18.91	24.64	10.88
25	2021-05-25 00:00:00	9.85	37.16	41.93	10.84
26	2021-05-26 00:00:00	9.91	20.04	38.79	8.64
27	2021-05-27 00:00:00	9.87	14.72	21.52	6.51
28	2021-05-28 00:00:00	11.49	9.94	16.83	6.62
29	2021-05-29 00:00:00	9.23	10.52	14.78	6.85
30	2021-05-30 00:00:00	10.43	8.81	15.31	6.27
31	2021-05-31 00:00:00	9.68	9.48	10.04	6.74

Report Details: TPCIL | 2021-06-25 13:05:41 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

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	10.4	47.21	75.7	8.19
Minimum Data	7.42	4.89	0.0	4.63
Geometric Mean	8.22	13.82	21.37	5.35
Median	7.94	8.96	7.86	5.24
Standard Deviation	0.7	10.41	22.59	0.74
Maximum Value At Time	2021-05-08 00:00:00	2021-05-25 00:00:00	2021-05-21 00:00:00	2021-05-19 00:00:00
Minimum Value At Time	2021-05-07 00:00:00	2021-05-12 00:00:00	2021-05-18 00:00:00	2021-05-12 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	2021-05-01 00:00:00	7.63	7.54	7.73	4.67
2	2021-05-02 00:00:00	7.52	6.87	7.94	4.72
3	2021-05-03 00:00:00	7.55	6.87	7.86	4.84
4	2021-05-04 00:00:00	7.56	6.79	7.46	5.24
5	2021-05-05 00:00:00	7.53	6.71	7.16	5.08
6	2021-05-06 00:00:00	7.57	6.47	6.10	4.92
7	2021-05-07 00:00:00	7.42	6.13	5.15	4.87
8	2021-05-08 00:00:00	10.40	6.77	3.60	5.00
9	2021-05-09 00:00:00	8.65	6.23	4.15	4.78
10	2021-05-10 00:00:00	8.47	5.88	4.50	4.66
11	2021-05-11 00:00:00	9.01	8.96	5.48	4.72
12	2021-05-12 00:00:00	8.47	4.89	2.15	4.63

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	2021-05-13 00:00:00	9.71	6.84	3.72	4.69
14	2021-05-14 00:00:00	9.07	7.08	3.65	4.64
15	2021-05-15 00:00:00	8.99	7.61	4.52	4.70
16	2021-05-16 00:00:00	8.98	7.94	3.44	6.48
17	2021-05-17 00:00:00	8.52	16.73	12.72	6.22
18	2021-05-18 00:00:00	7.89	14.21	0.00	4.93
19	2021-05-19 00:00:00	7.94	15.13	33.75	8.19
20	2021-05-20 00:00:00	8.56	12.14	37.19	6.07
21	2021-05-21 00:00:00	8.13	24.42	75.70	5.69
22	2021-05-22 00:00:00	8.04	17.79	51.85	5.61
23	2021-05-23 00:00:00	8.32	27.66	66.56	5.67
24	2021-05-24 00:00:00	7.90	28.99	35.92	5.61
25	2021-05-25 00:00:00	7.94	47.21	64.48	5.67
26	2021-05-26 00:00:00	7.85	39.21	61.22	5.63
27	2021-05-27 00:00:00	7.81	24.48	44.28	5.55
28	2021-05-28 00:00:00	7.79	13.44	25.51	5.56
29	2021-05-29 00:00:00	7.99	15.37	27.68	5.60
30	2021-05-30 00:00:00	7.79	12.86	23.93	5.62
31	2021-05-31 00:00:00	7.76	9.30	16.96	5.67

Report Details: TPCIL | 2021-06-25 13:06:55 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-05-2021T00:00:27Z To Date: 01-06-2021T09:00:27Z

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	53.08	23.16	50.34	10.21
Minimum Data	1.33	2.05	5.34	2.29
Geometric Mean	9.75	9.59	20.71	6.4
Median	7.42	9.38	20.24	5.83
Standard Deviation	10.36	5.71	10.77	1.74
Maximum Value At Time	2021-05-12 00:00:00	2021-05-24 00:00:00	2021-05-23 00:00:00	2021-05-28 00:00:00
Minimum Value At Time	2021-05-08 00:00:00	2021-05-06 00:00:00	2021-05-08 00:00:00	2021-05-25 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	2021-05-01 00:00:00	1.92	4.86	10.07	4.92
2	2021-05-02 00:00:00	3.37	3.75	8.11	6.24
3	2021-05-03 00:00:00	2.29	2.75	7.66	6.67
4	2021-05-04 00:00:00	2.10	3.58	10.90	6.67
5	2021-05-05 00:00:00	2.12	3.30	10.33	6.22
6	2021-05-06 00:00:00	3.12	2.05	7.36	6.26
7	2021-05-07 00:00:00	1.65	2.27	5.49	5.77
8	2021-05-08 00:00:00	1.33	4.06	5.34	5.65
9	2021-05-09 00:00:00	2.18	3.88	9.32	5.87
10	2021-05-10 00:00:00	1.47	7.09	16.42	5.83
11	2021-05-11 00:00:00	1.46	11.45	23.74	5.79
12	2021-05-12 00:00:00	53.08	9.40	20.24	5.42
13	2021-05-13 00:00:00	16.09	7.91	17.23	5.72
14	2021-05-14 00:00:00	8.69	9.58	18.18	5.80

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	2021-05-15 00:00:00	6.06	9.38	20.88	5.80
16	2021-05-16 00:00:00	5.57	7.71	20.11	5.62
17	2021-05-17 00:00:00	18.51	15.53	27.34	5.81
18	2021-05-18 00:00:00	16.58	13.25	25.86	5.70
19	2021-05-19 00:00:00	24.82	11.54	27.77	5.65
20	2021-05-20 00:00:00	14.95	10.18	19.64	5.74
21	2021-05-21 00:00:00	8.84	10.63	23.50	5.89
22	2021-05-22 00:00:00	7.42	15.13	26.44	5.97
23	2021-05-23 00:00:00	10.34	22.29	50.34	6.15
24	2021-05-24 00:00:00	23.65	23.16	30.45	6.99
25	2021-05-25 00:00:00	5.22	20.98	38.59	2.29
26	2021-05-26 00:00:00	6.48	15.93	39.78	4.64
27	2021-05-27 00:00:00	11.68	9.55	31.55	10.20
28	2021-05-28 00:00:00	12.70	8.58	26.98	10.21
29	2021-05-29 00:00:00	10.04	11.12	24.68	9.84
30	2021-05-30 00:00:00	9.24	9.23	21.14	9.63
31	2021-05-31 00:00:00	9.18	7.27	16.57	9.51

Report Details: TPCIL | 2021-06-25 13:42:23 | Average Report