



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:52Z To Date: 01-01-2021T09:00:52Z

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	27.09	19.03	64.55	6.79
Minimum Data	12.41	1.18	3.22	2.85
Geometric Mean	17.62	7.7	13.07	3.95
Median	16.74	5.71	6.69	3.78
Standard Deviation	4.09	5.6	14.51	0.74
Maximum Value At Time	2020-12-11 00:00:00	2020-12-02 00:00:00	2020-12-10 00:00:00	2020-12-04 00:00:00
Minimum Value At Time	2020-12-31 00:00:00	2020-12-18 00:00:00	2020-12-16 00:00:00	2020-12-18 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	Main_Gate-NOx(ug/m3)	Main_Gate-PM2.5(ug/m3)	Main_Gate-PM10(ug/m3)	Main_Gate-SO2(ug/m3)
1	2020-12-01 00:00:00	21.13	12.93	29.84	4.69
2	2020-12-02 00:00:00	21.38	19.03	40.15	4.89
3	2020-12-03 00:00:00	20.93	3.03	15.81	3.74
4	2020-12-04 00:00:00	18.56	5.94	13.56	6.79
5	2020-12-05 00:00:00	18.76	7.90	20.23	4.52
6	2020-12-06 00:00:00	18.24	5.72	13.62	4.05
7	2020-12-07 00:00:00	18.88	5.33	10.10	3.95
8	2020-12-08 00:00:00	19.46	7.47	14.95	4.16
9	2020-12-09 00:00:00	21.08	11.72	52.48	4.30
10	2020-12-10 00:00:00	26.50	16.08	64.55	4.22
11	2020-12-11 00:00:00	27.09	15.95	6.69	4.16
12	2020-12-12 00:00:00	22.46	15.51	6.85	4.22
13	2020-12-13 00:00:00	22.07	4.98	7.02	4.27
14	2020-12-14 00:00:00	22.13	5.79	6.65	4.45

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	2020-12-15 00:00:00	19.86	5.71	6.59	4.41
16	2020-12-16 00:00:00	13.71	2.59	3.22	4.44
17	2020-12-17 00:00:00	13.23	2.67	4.73	3.75
18	2020-12-18 00:00:00	12.84	1.18	5.11	2.85
19	2020-12-19 00:00:00	14.15	16.40	6.01	3.20
20	2020-12-20 00:00:00	12.98	15.23	5.93	3.62
21	2020-12-21 00:00:00	14.02	17.93	5.86	3.56
22	2020-12-22 00:00:00	16.74	10.31	5.28	3.29
23	2020-12-23 00:00:00	15.97	2.17	5.24	3.14
24	2020-12-24 00:00:00	15.61	3.66	6.26	3.42
25	2020-12-25 00:00:00	14.49	3.61	5.78	3.16
26	2020-12-26 00:00:00	14.43	2.73	5.59	3.43
27	2020-12-27 00:00:00	13.88	4.33	8.62	3.77
28	2020-12-28 00:00:00	15.62	3.59	7.45	3.78
29	2020-12-29 00:00:00	14.98	2.79	6.54	3.60
30	2020-12-30 00:00:00	12.77	3.31	6.19	3.25
31	2020-12-31 00:00:00	12.41	3.09	8.14	3.35

Report Details: TPCIL | 2021-01-29 11:17:05 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:52Z To Date: 01-01-2021T09:00:52Z

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	7.35	6.83	49.73	13.5
Minimum Data	1.21	1.53	6.25	7.39
Geometric Mean	2.12	3.97	27.16	10.15
Median	1.32	4.54	28.79	10.31
Standard Deviation	1.84	1.69	11.77	1.53
Maximum Value At Time	2020-12-01 00:00:00	2020-12-16 00:00:00	2020-12-27 00:00:00	2020-12-28 00:00:00
Minimum Value At Time	2020-12-28 00:00:00	2020-12-07 00:00:00	2020-12-07 00:00:00	2020-12-04 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	2020-12-01 00:00:00	7.35	2.63	22.07	9.30
2	2020-12-02 00:00:00	6.79	3.32	32.57	9.60
3	2020-12-03 00:00:00	4.88	1.54	7.91	7.54
4	2020-12-04 00:00:00	6.79	1.92	10.08	7.39
5	2020-12-05 00:00:00	4.18	2.85	12.22	8.42
6	2020-12-06 00:00:00	1.36	1.54	8.40	8.67
7	2020-12-07 00:00:00	1.36	1.53	6.25	7.98
8	2020-12-08 00:00:00	1.39	1.72	10.71	8.08
9	2020-12-09 00:00:00	1.35	1.85	13.72	8.60
10	2020-12-10 00:00:00	1.37	2.15	21.61	9.47
11	2020-12-11 00:00:00	1.35	2.31	32.79	9.25
12	2020-12-12 00:00:00	1.38	2.29	39.92	10.58
13	2020-12-13 00:00:00	1.37	4.54	38.65	10.67
14	2020-12-14 00:00:00	1.36	2.64	31.90	10.13

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	2020-12-15 00:00:00	1.32	3.93	28.31	10.45
16	2020-12-16 00:00:00	3.46	6.83	23.94	9.23
17	2020-12-17 00:00:00	1.28	5.22	21.22	10.83
18	2020-12-18 00:00:00	1.26	4.65	24.39	10.85
19	2020-12-19 00:00:00	1.25	4.46	28.79	11.45
20	2020-12-20 00:00:00	1.25	5.12	30.05	9.95
21	2020-12-21 00:00:00	1.23	5.17	27.49	10.31
22	2020-12-22 00:00:00	1.23	5.24	26.82	11.09
23	2020-12-23 00:00:00	1.24	5.53	31.02	10.41
24	2020-12-24 00:00:00	1.22	5.06	34.64	9.94
25	2020-12-25 00:00:00	1.25	5.25	34.50	11.02
26	2020-12-26 00:00:00	1.23	5.01	41.17	12.50
27	2020-12-27 00:00:00	1.23	5.10	49.73	12.59
28	2020-12-28 00:00:00	1.21	5.41	48.22	13.50
29	2020-12-29 00:00:00	1.22	5.75	42.50	12.17
30	2020-12-30 00:00:00	1.23	5.80	29.04	10.65
31	2020-12-31 00:00:00	1.24	6.83	31.33	12.09

Report Details: TPCIL | 2021-01-29 11:19:40 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:52Z To Date: 01-01-2021T09:00:52Z

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	5.92	24.48	55.1	9.37
Minimum Data	3.72	1.84	10.92	5.86
Geometric Mean	4.27	8.28	30.8	7.68
Median	4.03	5.39	29.25	7.79
Standard Deviation	0.59	7.05	15.38	1.09
Maximum Value At Time	2020-12-11 00:00:00	2020-12-20 00:00:00	2020-12-12 00:00:00	2020-12-27 00:00:00
Minimum Value At Time	2020-12-31 00:00:00	2020-12-07 00:00:00	2020-12-07 00:00:00	2020-12-04 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	2020-12-01 00:00:00	4.81	13.64	22.05	7.69
2	2020-12-02 00:00:00	4.89	4.24	23.91	8.16
3	2020-12-03 00:00:00	4.08	21.66	11.15	6.00
4	2020-12-04 00:00:00	3.96	13.27	16.46	5.86
5	2020-12-05 00:00:00	4.03	5.39	19.56	6.66
6	2020-12-06 00:00:00	3.93	2.45	12.24	5.97
7	2020-12-07 00:00:00	3.99	1.84	10.92	5.88
8	2020-12-08 00:00:00	4.04	4.90	15.18	6.24
9	2020-12-09 00:00:00	4.18	3.91	19.44	6.77
10	2020-12-10 00:00:00	5.57	3.68	28.78	6.69
11	2020-12-11 00:00:00	5.92	4.08	38.73	6.69
12	2020-12-12 00:00:00	5.42	3.07	55.10	7.03

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	2020-12-13 00:00:00	5.47	3.14	49.72	7.27
14	2020-12-14 00:00:00	4.62	2.67	37.69	7.22
15	2020-12-15 00:00:00	4.05	3.40	31.41	7.44
16	2020-12-16 00:00:00	3.93	3.20	29.25	7.42
17	2020-12-17 00:00:00	3.93	5.77	37.73	7.79
18	2020-12-18 00:00:00	3.89	16.79	36.52	7.88
19	2020-12-19 00:00:00	3.90	22.89	49.63	8.79
20	2020-12-20 00:00:00	3.94	24.48	51.73	9.25
21	2020-12-21 00:00:00	4.10	21.93	48.38	8.76
22	2020-12-22 00:00:00	4.12	19.80	48.17	8.29
23	2020-12-23 00:00:00	4.16	9.17	42.71	8.13
24	2020-12-24 00:00:00	4.01	5.81	42.88	8.48
25	2020-12-25 00:00:00	4.09	4.06	49.86	8.53
26	2020-12-26 00:00:00	3.92	4.34	54.22	9.26
27	2020-12-27 00:00:00	3.94	5.56	18.72	9.37
28	2020-12-28 00:00:00	3.98	5.50	13.97	9.19
29	2020-12-29 00:00:00	3.90	5.52	14.12	8.86
30	2020-12-30 00:00:00	3.74	4.89	10.93	8.26
31	2020-12-31 00:00:00	3.72	5.66	13.69	8.21

Report Details: TPCIL | 2021-01-29 11:21:46 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:52Z To Date: 01-01-2021T09:00:52Z

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	9.94	35.79	51.44	5.32
Minimum Data	4.29	0.01	9.07	4.68
Geometric Mean	7.09	10.99	19.89	4.93
Median	6.78	4.56	16.2	4.9
Standard Deviation	1.94	11.98	10.31	0.19
Maximum Value At Time	2020-12-13 00:00:00	2020-12-27 00:00:00	2020-12-31 00:00:00	2020-12-27 00:00:00
Minimum Value At Time	2020-12-17 00:00:00	2020-12-14 00:00:00	2020-12-23 00:00:00	2020-12-01 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	Village_AAQMS-NOx(ug/m3)	Village_AAQMS-PM2.5(ug/m3)	Village_AAQMS-PM10(ug/m3)	Village_AAQMS-SO2(ug/m3)
1	2020-12-01 00:00:00	9.36	3.98	25.09	4.68
2	2020-12-02 00:00:00	9.32	10.53	34.02	4.79
3	2020-12-03 00:00:00	9.85	2.30	10.94	4.72
4	2020-12-04 00:00:00	9.19	3.42	11.41	4.79
5	2020-12-05 00:00:00	9.09	7.28	16.00	4.79
6	2020-12-06 00:00:00	8.90	3.70	12.70	4.73
7	2020-12-07 00:00:00	8.71	2.63	10.65	4.70
8	2020-12-08 00:00:00	7.90	4.52	9.97	4.70
9	2020-12-09 00:00:00	8.38	9.47	23.21	4.78
10	2020-12-10 00:00:00	9.08	12.11	16.55	4.74
11	2020-12-11 00:00:00	9.11	10.74	16.32	4.70
12	2020-12-12 00:00:00	9.03	4.56	12.60	4.79
13	2020-12-13 00:00:00	9.94	6.70	28.37	4.77
14	2020-12-14 00:00:00	8.67	0.01	16.77	4.87

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	2020-12-15 00:00:00	7.01	0.02	34.44	4.87
16	2020-12-16 00:00:00	4.54	0.02	31.78	4.98
17	2020-12-17 00:00:00	4.29	0.02	35.28	5.05
18	2020-12-18 00:00:00	4.60	0.03	21.28	4.94
19	2020-12-19 00:00:00	4.81	0.03	11.71	5.09
20	2020-12-20 00:00:00	5.33	0.03	12.84	5.04
21	2020-12-21 00:00:00	4.79	0.03	11.22	4.99
22	2020-12-22 00:00:00	6.11	4.17	10.49	4.90
23	2020-12-23 00:00:00	6.56	31.03	9.07	4.92
24	2020-12-24 00:00:00	6.10	27.18	28.15	4.94
25	2020-12-25 00:00:00	6.15	23.67	33.15	4.98
26	2020-12-26 00:00:00	5.05	28.14	14.41	5.20
27	2020-12-27 00:00:00	6.09	35.79	16.20	5.32
28	2020-12-28 00:00:00	5.64	34.57	14.34	5.28
29	2020-12-29 00:00:00	6.78	28.57	11.63	5.24
30	2020-12-30 00:00:00	4.72	21.08	24.45	5.17
31	2020-12-31 00:00:00	4.68	24.22	51.44	5.24

Report Details: TPCIL | 2021-01-29 11:26:00 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:48Z To Date: 01-01-2021T09:00:25Z

Description	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	453.98	46.61	1368.19
Minimum Data	249.15	25.46	544.89
Geometric Mean	361.97	37.37	1037.7
Median	356.4	38.38	1085.71
Standard Deviation	55.65	6.01	262.7
Maximum Value At Time	2020-12-19 00:00:00	2020-12-18 00:00:00	2020-12-01 00:00:00
Minimum Value At Time	2020-12-05 00:00:00	2020-12-04 00:00:00	2020-12-05 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	2020-12-01 00:00:00	344.21	41.33	1368.19
2	2020-12-02 00:00:00	349.99	39.12	1314.94
3	2020-12-03 00:00:00	363.77	35.23	1226.16
4	2020-12-04 00:00:00	398.14	25.46	821.00
5	2020-12-05 00:00:00	249.15	29.83	544.89
6	2020-12-06 00:00:00	291.89	28.33	569.02
7	2020-12-07 00:00:00	299.35	25.84	613.76
8	2020-12-08 00:00:00	355.22	27.95	771.85
9	2020-12-09 00:00:00	318.16	35.28	744.79
10	2020-12-10 00:00:00	340.80	34.66	856.10
11	2020-12-11 00:00:00	272.22	33.19	651.29
12	2020-12-12 00:00:00	287.24	33.13	674.89
13	2020-12-13 00:00:00	296.59	35.43	861.05
14	2020-12-14 00:00:00	322.23	37.12	901.81
15	2020-12-15 00:00:00	354.24	40.36	1013.20
16	2020-12-16 00:00:00	399.53	45.72	1099.58
17	2020-12-17 00:00:00	323.32	45.57	1129.85
18	2020-12-18 00:00:00	365.83	46.61	1138.56
19	2020-12-19 00:00:00	453.98	44.28	1346.31
20	2020-12-20 00:00:00	442.71	38.75	1339.11
21	2020-12-21 00:00:00	439.37	45.45	1258.17
22	2020-12-22 00:00:00	360.45	44.13	1085.71
23	2020-12-23 00:00:00	354.00	35.78	1027.65
24	2020-12-24 00:00:00	364.79	33.07	1024.41
25	2020-12-25 00:00:00	389.61	39.63	1062.42
26	2020-12-26 00:00:00	439.63	40.27	1273.01

SI No	Time	Stack_1-NOx(mg/Nm3)	Stack_1-PM(mg/Nm3)	Stack_1-SO2(mg/Nm3)
27	2020-12-27 00:00:00	449.22	38.38	1334.00
28	2020-12-28 00:00:00	438.82	33.07	1314.37
29	2020-12-29 00:00:00	386.73	41.53	1258.00
30	2020-12-30 00:00:00	413.63	43.01	1277.46
31	2020-12-31 00:00:00	356.40	40.82	1267.30

Report Details: TPCIL | 2021-01-29 10:29:36 | Average Report



Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Average Report

From Date: 01-12-2020T00:00:48Z To Date: 01-01-2021T09:00:25Z

Description	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 50	0 -
Maximum Data	439.16	45.43	1435.36
Minimum Data	260.14	25.31	472.65
Geometric Mean	359.49	35.87	1005.21
Median	363.71	35.5	1047.43
Standard Deviation	49.54	6.41	287.97
Maximum Value At Time	2020-12-21 00:00:00	2020-12-21 00:00:00	2020-12-03 00:00:00
Minimum Value At Time	2020-12-05 00:00:00	2020-12-11 00:00:00	2020-12-09 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	2020-12-01 00:00:00	363.71	35.50	1426.44
2	2020-12-02 00:00:00	359.74	30.46	1328.20
3	2020-12-03 00:00:00	412.03	34.67	1435.36
4	2020-12-04 00:00:00	414.01	31.20	914.71
5	2020-12-05 00:00:00	260.14	29.43	487.88
6	2020-12-06 00:00:00	302.00	28.31	549.12
7	2020-12-07 00:00:00	304.62	29.02	541.87
8	2020-12-08 00:00:00	356.69	30.40	640.97
9	2020-12-09 00:00:00	270.67	27.08	472.65
10	2020-12-10 00:00:00	293.96	25.87	709.09
11	2020-12-11 00:00:00	312.92	25.31	642.83
12	2020-12-12 00:00:00	317.99	33.34	803.37
13	2020-12-13 00:00:00	290.43	30.15	906.98
14	2020-12-14 00:00:00	302.77	31.27	904.26
15	2020-12-15 00:00:00	338.85	37.82	1133.83
16	2020-12-16 00:00:00	391.57	40.05	1164.72
17	2020-12-17 00:00:00	341.39	29.26	1126.56
18	2020-12-18 00:00:00	384.04	34.63	1113.18
19	2020-12-19 00:00:00	419.60	44.40	1326.92
20	2020-12-20 00:00:00	435.00	45.39	1267.27
21	2020-12-21 00:00:00	439.16	45.43	1221.10
22	2020-12-22 00:00:00	401.13	41.83	1026.56
23	2020-12-23 00:00:00	362.59	42.13	984.23
24	2020-12-24 00:00:00	347.08	36.28	814.88
25	2020-12-25 00:00:00	385.13	39.53	940.07
26	2020-12-26 00:00:00	374.18	40.05	1047.43

SI No	Time	Stack_2-NOx(mg/Nm3)	Stack_2-PM(mg/Nm3)	Stack_2-SO2(mg/Nm3)
27	2020-12-27 00:00:00	403.84	42.12	1288.99
28	2020-12-28 00:00:00	390.21	42.44	1274.14
29	2020-12-29 00:00:00	389.83	43.22	1223.20
30	2020-12-30 00:00:00	413.86	42.29	1193.44
31	2020-12-31 00:00:00	364.91	42.99	1251.26

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