



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:31

SI No	Time	Stack_1-PM_U	Stack_1-SO2_U	Stack_1-NOx_U
1	2022-12-01	46.21	1124.35	349.97
2	2022-12-02	Site Shutdown	Site Shutdown	Site Shutdown
3	2022-12-03	Site Shutdown	Site Shutdown	Site Shutdown
4	2022-12-04	Site Shutdown	Site Shutdown	Site Shutdown
5	2022-12-05	Site Shutdown	Site Shutdown	Site Shutdown
6	2022-12-06	Site Shutdown	Site Shutdown	Site Shutdown
7	2022-12-07	Site Shutdown	Site Shutdown	Site Shutdown
8	2022-12-08	43.81	1363.23	447.21
9	2022-12-09	30.58	1348.25	428.55
10	2022-12-10	22.21	1362.48	445.55
11	2022-12-11	24.59	1292.89	439.11
12	2022-12-12	19.4	1284.3	427.87
13	2022-12-13	11.34	1161.26	386.74
14	2022-12-14	27.18	1204.15	417
15	2022-12-15	45.05	1003.57	312.12
16	2022-12-16	34.18	1443.15	406.76
17	2022-12-17	34.1	1414.72	436.64
18	2022-12-18	38.7	1292.45	447.17
19	2022-12-19	37.13	1390.85	449.55
20	2022-12-20	37.43	1443.86	448.03
21	2022-12-21	24.56	1367.94	438.05
22	2022-12-22	25.74	1352.84	412.58
23	2022-12-23	35.81	1265.29	372.74
24	2022-12-24	35.06	1388.99	410.22
25	2022-12-25	35.27	1352.24	404.69
26	2022-12-26	40.48	1457.05	411.05
27	2022-12-27	44.34	1537.48	396.59
28	2022-12-28	44.56	1429.75	372.08
29	2022-12-29	35.53	1155.7	356.62
30	2022-12-30	42.23	1317.37	369.98
31	2022-12-31	39	1262.84	386.66

Report Details: TPCIL | 2023-01-20 11:29:21 | Custom Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:31

Description	Stack_2-PM_U	Stack_2-SO2_U	Stack_2-NOx_U
Prescribed Standards	0 - 50	0 -	0 -
Maximum Data	44.37	1643.42	427.52
Minimum Data	20.32	1164.24	341.4
Geometric Mean	36.29	1459.58	386.31
Median	38.92	1489.54	386.12
Standard Deviation	6.46	106.64	23.66
Maximum Value At Time	2022-12-23	2022-12-03	2022-12-10
Minimum Value At Time	2022-12-12	2022-12-29	2022-12-29
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-PM_U	Stack_2-SO2_U	Stack_2-NOx_U
1	2022-12-01	43.36	1539.26	393.34
2	2022-12-02	41.27	1612.03	397.14
3	2022-12-03	39.45	1643.42	410.88
4	2022-12-04	33.76	1465.88	415.27
5	2022-12-05	33.63	1350.06	378.16
6	2022-12-06	40.77	1545.55	425.58
7	2022-12-07	39.12	1541.40	386.49
8	2022-12-08	38.92	1541.13	386.12
9	2022-12-09	29.44	1495.78	387.14
10	2022-12-10	23.34	1436.96	427.52
11	2022-12-11	21.33	1417.41	418.21
12	2022-12-12	20.32	1421.67	418.16
13	2022-12-13	27.14	1350.19	404.20
14	2022-12-14	34.34	1352.85	420.71
15	2022-12-15	42.72	1482.12	384.44
16	2022-12-16	40.04	1560.28	371.63
17	2022-12-17	38.71	1448.80	388.38
18	2022-12-18	35.82	1302.55	387.50
19	2022-12-19	39.90	1489.54	384.35
20	2022-12-20	40.61	1505.79	377.25
21	2022-12-21	39.59	1491.77	404.60
22	2022-12-22	38.13	1508.69	358.93
23	2022-12-23	44.37	1499.89	343.58
24	2022-12-24	39.60	1431.68	376.81
25	2022-12-25	39.17	1503.52	374.11
26	2022-12-26	35.57	1511.55	369.81
27	2022-12-27	40.96	1607.53	358.35

SI No	Time	Stack_2-PM_U	Stack_2-SO2_U	Stack_2-NOx_U
28	2022-12-28	43.75	1445.25	364.10
29	2022-12-29	32.90	1164.24	341.40
30	2022-12-30	38.06	1311.76	360.06
31	2022-12-31	28.95	1268.52	361.26

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**Report Details:** TPCIL | 2023-01-20 11:33:02 | Custom Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:58

Description	Main_Gate-PM10_U	Main_Gate-PM2.5_U	Main_Gate-SO2_U	Main_Gate-NOx_U
Prescribed Standards	0 - 100	0 - 60	0 - 80	0 - 80
Maximum Data	32.28	36.44	29.33	20.57
Minimum Data	1.61	2.92	5.48	14.66
Geometric Mean	11.4	15.43	16.31	17.36
Median	12.17	11.03	13.25	17.19
Standard Deviation	7.81	10.28	7.92	1.64
Maximum Value At Time	2022-12-01	2022-12-07	2022-12-01	2022-12-16
Minimum Value At Time	2022-12-13	2022-12-13	2022-12-31	2022-12-29
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-PM10_U	Main_Gate-PM2.5_U	Main_Gate-SO2_U	Main_Gate-NOx_U
1	2022-12-01	32.28	19.35	29.33	18.99
2	2022-12-02	26.39	11.03	28.57	18.70
3	2022-12-03	13.52	7.39	28.10	18.81
4	2022-12-04	9.03	19.49	28.73	16.48
5	2022-12-05	14.29	29.60	28.12	15.06
6	2022-12-06	17.81	36.07	28.89	15.32
7	2022-12-07	19.35	36.44	27.48	15.90
8	2022-12-08	14.66	25.77	24.67	16.74
9	2022-12-09	7.90	13.92	20.60	16.95
10	2022-12-10	2.25	6.82	18.46	16.50
11	2022-12-11	3.11	4.65	15.98	16.61
12	2022-12-12	2.48	5.73	14.38	16.72
13	2022-12-13	1.61	2.92	13.11	17.33
14	2022-12-14	4.26	6.73	13.51	18.13
15	2022-12-15	4.51	7.90	13.25	19.68
16	2022-12-16	5.53	9.52	12.74	20.57
17	2022-12-17	10.98	18.87	11.39	19.96
18	2022-12-18	15.98	23.74	12.26	19.58
19	2022-12-19	12.35	18.12	11.94	18.86
20	2022-12-20	12.17	18.66	10.95	18.83
21	2022-12-21	14.68	21.81	10.28	18.68
22	2022-12-22	16.95	26.18	21.32	17.67
23	2022-12-23	21.24	30.89	14.60	18.26
24	2022-12-24	19.97	29.70	12.75	17.19
25	2022-12-25	5.12	6.73	10.21	15.59
26	2022-12-26	2.36	3.48	9.69	15.36
27	2022-12-27	3.58	3.14	9.45	15.81

SI No	Time	Main_Gate-PM10_U	Main_Gate-PM2.5_U	Main_Gate-SO2_U	Main_Gate-NOx_U
28	2022-12-28	2.99	7.48	7.90	14.69
29	2022-12-29	5.54	7.09	5.69	14.66
30	2022-12-30	12.77	8.70	5.66	16.95
31	2022-12-31	17.80	10.41	5.48	17.64

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**Report Details:** TPCIL | 2023-02-01 16:53:49 | Custom Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:58

Description	Field_Hostel-PM10_U	Field_Hostel-PM2.5_U	Field_Hostel-SO2_U	Field_Hostel-NOx_U
Prescribed Standards	0 - 100	0 - 60	0 - 80	0 - 80
Maximum Data	49.4	30.72	13.15	34.85
Minimum Data	2.93	2.57	11.98	0.49
Geometric Mean	19.24	8.18	12.73	15.99
Median	15.63	5.99	12.75	14.72
Standard Deviation	12.81	6.42	0.27	9.45
Maximum Value At Time	2022-12-07	2022-12-06	2022-12-01	2022-12-27
Minimum Value At Time	2022-12-13	2022-12-26	2022-12-31	2022-12-05
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-PM10_U	Field_Hostel-PM2.5_U	Field_Hostel-SO2_U	Field_Hostel-NOx_U
1	2022-12-01	26.24	16.95	13.15	6.63
2	2022-12-02	15.63	12.45	12.34	12.90
3	2022-12-03	8.27	4.94	13.07	4.15
4	2022-12-04	21.65	15.80	12.86	0.84
5	2022-12-05	33.63	23.53	13.01	0.49
6	2022-12-06	46.93	30.72	12.68	4.63
7	2022-12-07	49.40	16.82	12.81	8.80
8	2022-12-08	34.84	6.96	13.03	8.31
9	2022-12-09	14.38	5.07	12.73	7.60
10	2022-12-10	5.85	3.58	12.82	9.21
11	2022-12-11	6.85	3.83	13.14	13.11
12	2022-12-12	7.96	4.70	12.47	15.49
13	2022-12-13	2.93	4.47	12.75	21.29
14	2022-12-14	8.95	5.44	12.46	28.61
15	2022-12-15	10.86	5.26	12.65	32.52
16	2022-12-16	13.17	4.97	12.77	32.23
17	2022-12-17	21.28	5.99	12.71	27.96
18	2022-12-18	22.09	8.51	12.47	16.25
19	2022-12-19	19.69	8.57	12.59	14.00
20	2022-12-20	22.55	6.65	12.69	14.72
21	2022-12-21	25.45	6.83	12.72	16.07
22	2022-12-22	33.17	7.68	12.97	14.81
23	2022-12-23	38.35	5.30	12.93	13.22
24	2022-12-24	35.92	5.10	12.80	11.23
25	2022-12-25	8.96	2.88	12.89	12.43
26	2022-12-26	3.97	2.57	12.77	26.68
27	2022-12-27	5.11	2.62	12.68	34.85

SI No	Time	Field_Hostel-PM10_U	Field_Hostel-PM2.5_U	Field_Hostel-SO2_U	Field_Hostel-NOx_U
28	2022-12-28	6.83	3.06	12.92	29.93
29	2022-12-29	15.31	9.02	12.62	19.17
30	2022-12-30	14.26	6.26	12.13	19.41
31	2022-12-31	16.01	6.99	11.98	18.21

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**Report Details:** TPCIL | 2023-02-01 16:55:52 | Custom Report

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# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:58

Description	Seawater_Intake_side-PM10_U	Seawater_Intake_side-PM2.5_U	Seawater_Intake_side-SO2_U	Seawater_Intake_side-NOx_U
Prescribed Standards	0 - 100	0 - 60	0 - 80	0 - 80
Maximum Data	58.08	34.54	18.53	11.5
Minimum Data	4.77	2.1	11.53	9.8
Geometric Mean	19.52	11.9	14.87	10.57
Median	14.07	7.71	14.7	10.42
Standard Deviation	14.35	10.11	2.4	0.5
Maximum Value At Time	2022-12-06	2022-12-07	2022-12-31	2022-12-31
Minimum Value At Time	2022-12-13	2022-12-26	2022-12-09	2022-12-04
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-PM10_U	Seawater_Intake_side-PM2.5_U	Seawater_Intake_side-SO2_U	Seawater_Intake_side-NOx_U
1	2022-12-01	27.42	17.39	13.27	9.88
2	2022-12-02	10.21	7.24	12.07	10.09
3	2022-12-03	7.36	5.49	11.98	10.39
4	2022-12-04	28.30	19.24	12.99	9.80
5	2022-12-05	49.80	29.00	13.06	9.92
6	2022-12-06	58.08	33.56	12.72	10.15
7	2022-12-07	53.02	34.54	12.31	10.52
8	2022-12-08	36.36	33.20	11.83	10.76
9	2022-12-09	20.92	11.34	11.53	10.56
10	2022-12-10	17.42	5.19	11.68	10.37
11	2022-12-11	9.77	4.17	12.00	10.47
12	2022-12-12	12.75	4.25	12.41	10.50
13	2022-12-13	4.77	2.47	13.54	10.54
14	2022-12-14	6.86	3.43	14.01	11.39



SI No	Time	Seawater_Intake_side-PM10_U	Seawater_Intake_side-PM2.5_U	Seawater_Intake_side-SO2_U	Seawater_Intake_side-NOx_U
15	2022-12-15	10.51	4.58	14.33	11.37
16	2022-12-16	15.37	5.22	15.69	11.46
17	2022-12-17	17.97	16.52	17.28	11.26
18	2022-12-18	14.07	17.07	16.17	10.40
19	2022-12-19	12.09	7.87	14.70	10.39
20	2022-12-20	18.03	9.21	15.18	10.42
21	2022-12-21	20.01	28.81	16.24	10.44
22	2022-12-22	24.61	10.98	17.78	10.30
23	2022-12-23	31.39	13.16	17.76	10.14
24	2022-12-24	36.36	12.76	17.98	10.19
25	2022-12-25	13.29	4.60	17.64	10.09
26	2022-12-26	8.12	2.10	17.00	10.40
27	2022-12-27	7.65	2.25	16.08	10.25
28	2022-12-28	7.00	2.31	17.06	11.43
29	2022-12-29	8.84	7.23	17.87	11.01
30	2022-12-30	7.33	5.90	18.26	11.13
31	2022-12-31	9.39	7.71	18.53	11.50

Report Details: TPCIL | 2023-02-01 16:57:42 | Custom Report



# Real Time Data Acquisition And Monitoring

Site Name: Sembcorp Energy India Limited

Report: Custom Report

From Date: 2022/12/01 00:00:00 To Date : 2022/12/31 23:45:58

Description	Village_AAQMS-PM10_U	Village_AAQMS-PM2.5_U	Village_AAQMS-SO2_U	Village_AAQMS-NOx_U
Prescribed Standards	0 - 100	0 - 60	0 - 80	0 - 80
Maximum Data	64.4	33.54	27.13	12.97
Minimum Data	4.75	2.3	6.07	4.35
Geometric Mean	24.5	10.23	16.18	7.36
Median	17.52	5.53	15.36	6.2
Standard Deviation	16.52	9.4	4.13	2.41
Maximum Value At Time	2022-12-06	2022-12-05	2022-12-30	2022-12-02
Minimum Value At Time	2022-12-13	2022-12-13	2022-12-10	2022-12-08
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	Village_AAQMS-PM10_U	Village_AAQMS-PM2.5_U	Village_AAQMS-SO2_U	Village_AAQMS-NOx_U
1	2022-12-01	36.10	21.25	17.29	12.48
2	2022-12-02	17.03	8.46	16.51	12.97
3	2022-12-03	16.13	5.43	15.65	12.36
4	2022-12-04	34.20	19.34	15.43	11.07
5	2022-12-05	55.49	33.54	15.36	9.92
6	2022-12-06	64.40	32.92	15.38	6.38
7	2022-12-07	57.85	31.26	12.65	4.93
8	2022-12-08	41.86	25.90	10.85	4.35
9	2022-12-09	22.16	15.83	10.91	4.89
10	2022-12-10	9.46	5.20	6.07	5.59
11	2022-12-11	8.10	5.11	15.61	5.73
12	2022-12-12	8.93	5.42	15.00	6.03
13	2022-12-13	4.75	2.30	15.09	6.27
14	2022-12-14	9.60	4.41	14.98	6.05
15	2022-12-15	13.31	2.92	14.94	5.90
16	2022-12-16	15.53	3.45	14.59	5.70
17	2022-12-17	43.94	7.41	14.78	6.06
18	2022-12-18	29.46	4.81	14.84	6.24
19	2022-12-19	27.76	3.63	13.95	5.89
20	2022-12-20	26.92	5.90	12.88	5.38
21	2022-12-21	30.49	3.73	21.44	5.95
22	2022-12-22	37.47	4.17	17.75	5.78
23	2022-12-23	36.65	4.17	15.03	5.65
24	2022-12-24	35.79	6.01	15.01	6.20

SI No	Time	Village_AAQMS-PM10_U	Village_AAQMS-PM2.5_U	Village_AAQMS-SO2_U	Village_AAQMS-NOx_U
25	2022-12-25	14.57	5.12	17.94	8.07
26	2022-12-26	6.16	3.17	17.14	7.89
27	2022-12-27	7.87	5.53	18.37	9.03
28	2022-12-28	8.17	5.79	20.94	9.61
29	2022-12-29	9.35	9.16	25.25	10.07
30	2022-12-30	12.39	10.78	27.13	8.06
31	2022-12-31	17.52	14.86	22.75	7.73

**Report Details:** TPCIL | 2023-02-01 16:59:09 | Custom Report