



COASTAL ENERGEN PVT. LTD

Melamarudur Village, Ottapidaram Taluk, Tuticorin – 628 105, Tamil Nadu.
Tel: 0461-2950628 www.coastalenergen.com

ENERGEN/ENV/TNPCB/2022-23/02

08.05.2022

The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Anna Salai, Guindy,
Chennai - 600 032.

Dear Sir,

Sub: Submission of Monthly Environment report - Reg.

This has reference to the captioned subject; we enclose the Monthly Environment Report for the period of 01.04.2022 to 30.04.2022.

This is for your kind information and records.

Thanking You,

Yours faithfully,

For Coastal Energen Pvt Ltd

MK Parameswaran

Station Director



Copy to: 1. Joint Chief Environmental Engineer (M), TNPCB, Tirunelveli

2. District Environmental Engineer, TNPCB, Tuticorin



COASTAL ENERGEN PRIVATE LIMITED
 2 X 600 MW MUTIARA THERMAL POWER PLANT
CONTINUOUS AMBIENT AIR QUALITY MONITORING REPORT

Daily Average from 01.04.2022 to 30.04.2022

Date	STATION-1 (Near Main Office)					STATION-2 (Near CHP)					STATION-3 (Near Ash Pond)					STATION-4 (Sea Water Pump House)				
	SO2	NOX	PM10	PM2.5	CO	SO2	NOX	PM10	PM2.5	CO	SO2	NOX	PM10	PM2.5	CO	SO2	NOX	PM10	PM2.5	CO
NAAQM STANDARD	80	80	100	60	02	80	80	100	60	02	80	80	100	60	02	80	80	100	60	02
1-Apr-21	9.0	30.0	37.0	2.0	1.0	6.0	7.0	61.0	4.0	0.5	12.0	8.0	10.0	20.0	1.0	8.0	9.0	28.0	17.0	1.1
2-Apr-21	9.0	29.0	40.0	6.0	1.0	6.0	8.0	87.0	4.0	0.6	12.0	8.0	9.0	20.0	1.0	9.0	38.0	17.0	1.1	
3-Apr-21	9.0	23.0	42.0	7.0	1.0	6.0	8.0	66.0	6.0	0.7	12.0	10.0	10.0	25.0	0.9	10.0	10.0	42.0	16.0	1.2
4-Apr-21	9.0	25.0	22.0	2.0	1.0	6.0	7.0	43.0	4.0	0.5	12.0	8.0	9.0	18.0	0.9	10.0	8.0	16.0	17.0	1.2
5-Apr-21	9.0	25.0	20.0	4.0	0.8	6.0	7.0	22.0	3.0	0.5	12.0	9.0	9.0	13.0	1.1	10.0	7.0	12.0	15.0	1.1
6-Apr-21	10.0	25.0	11.0	14.0	0.7	6.0	10.0	25.0	2.0	0.5	12.0	9.0	9.0	15.0	1.0	10.0	8.0	1.0	15.0	1.1
7-Apr-21	9.0	23.0	18.0	4.0	1.0	6.0	21.0	27.0	2.0	0.5	12.0	9.0	9.0	15.0	1.1	10.0	10.0	9.0	15.0	1.1
8-Apr-21	9.0	29.0	10.0	14.0	1.0	6.0	15.0	11.0	2.0	0.5	13.0	8.0	9.0	15.0	0.5	9.0	9.0	8.0	15.0	1.2
9-Apr-21	9.0	23.0	13.0	18.0	1.0	6.0	7.0	18.0	3.0	0.6	8.0	9.0	25.0	2.0	0.5	10.0	11.0	13.0	15.0	0.9
10-Apr-21	9.0	24.0	15.0	11.0	0.8	6.0	7.0	10.0	2.0	0.7	6.0	7.0	7.0	13.0	0.5	8.0	9.0	7.0	13.0	0.9
11-Apr-21	9.0	28.0	11.0	12.0	0.7	6.0	7.0	14.0	3.0	0.6	12.0	8.0	9.0	12.0	0.7	8.0	9.0	7.0	14.0	1.1
12-Apr-21	9.0	28.0	11.0	12.0	0.8	6.0	7.0	3.0	3.0	0.7	12.0	8.0	9.0	12.0	0.9	8.0	9.0	7.0	14.0	1.3
13-Apr-21	9.0	12.0	15.0	11.0	0.6	6.0	7.0	25.0	3.0	0.7	11.0	7.0	31.0	7.0	0.9	8.0	9.0	19.0	15.0	1.3
14-Apr-21	9.0	15.0	31.0	10.0	1.0	6.0	7.0	39.0	6.0	0.5	12.0	9.0	28.0	9.0	0.8	8.0	9.0	35.0	15.0	1.3
15-Apr-21	9.0	10.0	20.0	14.0	1.0	6.0	8.0	35.0	5.0	0.5	12.0	9.0	22.0	10.0	0.8	8.0	10.0	1.0	16.0	1.3
16-Apr-21	9.0	11.0	56.0	12.0	1.0	6.0	8.0	29.0	8.0	0.6	12.0	9.0	30.0	9.0	1.0	7.0	8.0	25.0	14.0	1.4
17-Apr-21	9.0	13.0	29.0	10.0	1.0	6.0	8.0	10.0	13.0	0.6	13.0	9.0	27.0	10.0	0.3	7.0	8.0	37.0	13.0	1.4
18-Apr-21	9.0	13.0	29.0	10.0	0.9	6.0	8.0	10.0	12.0	0.4	13.0	9.0	27.0	10.0	0.3	7.0	8.0	9.0	13.0	1.4
19-Apr-21	10.0	16.0	74.0	16.0	0.8	6.0	8.0	27.0	9.0	0.4	13.0	9.0	18.0	13.0	0.3	7.0	48.0	41.0	26.0	1.4
20-Apr-21	9.0	27.0	64.0	20.0	1.1	6.0	8.0	14.0	11.0	0.4	12.0	8.0	19.0	12.0	0.2	7.0	49.0	51.0	40.0	1.3
21-Apr-21	9.0	30.0	69.0	22.0	1.2	6.0	8.0	12.0	10.0	0.5	12.0	8.0	15.0	15.0	0.2	8.0	37.0	56.0	40.0	1.4
22-Apr-21	8.0	29.0	83.0	26.0	1.1	6.0	8.0	35.0	15.0	0.5	13.0	8.0	7.0	19.0	0.4	8.0	28.0	71.0	40.0	1.4
23-Apr-21	9.0	28.0	14.0	10.0	0.7	6.0	8.0	21.0	28.0	0.5	13.0	8.0	72.0	14.0	0.3	8.0	28.0	30.0	23.0	1.3
24-Apr-21	9.0	27.0	33.0	9.0	1.0	6.0	8.0	11.0	28.0	0.5	8.0	8.0	37.0	27.0	0.0	8.0	28.0	29.0	25.0	1.2
25-Apr-21	9.0	25.0	64.0	9.0	1.0	6.0	8.0	11.0	28.0	0.5	8.0	8.0	37.0	27.0	0.3	8.0	28.0	29.0	25.0	1.3
26-Apr-21	9.0	16.0	58.0	13.0	0.9	6.0	8.0	40.0	30.0	0.7	13.0	9.0	37.0	8.0	0.2	9.0	29.0	32.0	32.0	1.1
27-Apr-21	9.0	15.0	49.0	17.0	0.9	6.0	8.0	44.0	30.0	0.7	13.0	8.0	26.0	12.0	0.2	9.0	29.0	36.0	32.0	0.8
28-Apr-21	9.0	15.0	49.0	17.0	1.1	6.0	8.0	9.0	30.0	0.8	13.0	8.0	26.0	12.0	0.4	9.0	29.0	36.0	32.0	0.5
29-Apr-21	9.0	10.0	27.0	20.0	1.1	6.0	8.0	60.0	29.0	0.8	8.0	0.0	88.0	10.0	0.7	10.0	29.0	57.0	40.0	0.5
30-Apr-21	8.0	26.0	58.0	30.0	1.0	6.0	8.0	61.0	29.0	0.7	9.0	8.0	62.0	44.0	0.3	10.0	28.0	48.0	46.0	0.6

Remarks: Nil



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

METROLOGICAL STATION REPORT

Daily Average from 01.04.2022 to 30.04.2022

Date	Ambient Temperature (°C)			Barometric Pressure (m.bar)			Predominant Wind direction Blowing from	Wind Speed (Km/Hr)			Relative Humidity (%)			Rain Fall (mm)
	Min	Max	Avg	Min	Max	Avg		Min	Max	Avg	Min	Max	Avg	
1-Apr-22	25.6	36.1	30.1	1037	1040	1039	South East & South	1.22	36.1	30.1	47.7	93	74	0.0
2-Apr-22	26.9	35.9	30.5	1037	1041	1039	East & South East	1.22	35.9	30.5	46.8	84	69.5	0.0
3-Apr-22	24.2	35.2	29.6	1036	1040	1039	South East & East	1.22	35.2	29.6	48.8	86.7	70.1	0.0
4-Apr-22	24.9	34.1	29.1	1037	1041	1039	South East & East	1.22	34.1	29.1	60.1	91.2	75.9	3.0
5-Apr-22	23.1	33.9	28.8	1039	1042	1040	South East & East	1.22	33.9	28.8	54	93.7	75.9	0.0
6-Apr-22	24.8	35.1	29.4	1038	1042	1040	South East & North West	1.22	35.1	29.4	51.7	89.5	71.6	0.0
7-Apr-22	24.4	35.6	29.9	1038	1041	1039	South East & North West	1.22	35.6	29.9	44.4	88.4	69.5	0.0
8-Apr-22	20.6	34.5	28.5	1037	1041	1039	South East & North West	1.22	34.5	28.5	49.6	94.6	75.5	0.5
9-Apr-22	23.8	34.2	28.1	1036	1040	1038	South East & North West	1.22	34.2	28.1	55.9	94.2	75.1	0.0
10-Apr-22	23	35.3	27.1	1036	1039	1038	South East & East	1.22	35.3	27.1	50.9	96.5	78.8	2.0
11-Apr-22	22.9	34.7	27	1035	1039	1038	South East & West	1.22	34.7	27.0	56.4	96.7	83.8	1.5
12-Apr-22	23.9	34.1	27.6	1035	1038	1037	South East & West	1.22	34.1	27.6	57.8	97.1	82.9	0.0
13-Apr-22	23.1	33.9	27.7	1035	1039	1037	South East & south	1.22	33.9	27.7	55.7	96.5	80.2	0.0
14-Apr-22	24.8	34.6	28.4	1036	1039	1037	South & South East	1.22	34.6	28.4	50.2	95.3	79.5	0.0
15-Apr-22	25.2	35.7	30.3	1035	1039	1037	South & South East	1.22	35.7	30.3	48.1	93.0	71	0.0
16-Apr-22	26.8	35.9	30.9	1034	1038	1036	South & South East	1.22	35.9	30.9	42.2	93.4	72.2	0.0
17-Apr-22	23.8	36.2	29.1	1035	1039	1037	South & South East	1.22	36.2	29.1	51.9	93.3	76.0	0.0
18-Apr-22	23.8	36.4	29.3	1037	1039	1038	South East & West	1.22	36.4	29.3	45.2	93.9	72.9	0.0
19-Apr-22	24.8	35.9	30.4	1037	1040	1038	South East & East	1.22	35.9	30.4	49.2	89.9	71.0	0.0
20-Apr-22	25.7	35.1	30.4	1036	1039	1037	South East & East	1.22	35.1	30.4	59.9	92.4	76.3	0.0
21-Apr-22	25.6	36.2	30.1	1036	1039	1037	South East & south	1.22	36.2	30.1	55.8	94.9	76.8	0.0
22-Apr-22	25.4	35	29.8	1036	1039	1038	South East & south	1.22	35.0	29.8	53.7	92.8	76.8	0.0
23-Apr-22	24.6	34	28.7	1037	1040	1039	South East & south	1.22	34.0	28.7	59.3	96.3	80.9	0.0
24-Apr-22	25	35	29.7	1036	1039	1038	South East & south	1.22	35.0	29.7	50.5	95.3	76.4	0.0
25-Apr-22	25.9	36.2	30.5	1035	1039	1037	South East & south	1.22	36.2	30.5	47.3	95.4	74.2	0.0
26-Apr-22	25.9	36.5	30.7	1035	1039	1037	South East & south	1.22	36.5	30.7	47.3	95.2	73.4	0.0
27-Apr-22	25.8	35.6	30.1	1035	1039	1037	South East & south	1.22	35.6	30.1	55.6	95.4	77.3	0.0
28-Apr-22	25.7	36.1	30.5	1036	1039	1038	South East & south	1.22	36.1	30.5	45.1	95.3	74.3	0.0
29-Apr-22	25.5	36.3	31.2	1035	1039	1038	South East & south	1.22	36.3	31.2	48.6	95.1	70.8	0.0
30-Apr-22	22.8	35.8	27.0	1038	1042	1040	South East & South West	1.22	32.6	8.37	44.6	92.4	68.4	0.0

Remarks: Total Rainfall for the month 7.0 mm.



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

STACK EMISSION MONITORING REPORT

Daily Average from 01.04.2022 to 30.04.2022

Date	UNIT-1			UNIT-2		
	SPM (mg/m3)	SO2 (mg/m3)	Nox (mg/m3)	SPM (mg/m3)	SO2 (mg/m3)	Nox (mg/m3)
1-Apr-22				42	124	128
2-Apr-22				43	156	135
3-Apr-22				43	177	111
4-Apr-22				43	177	135
5-Apr-22				44	177	134
6-Apr-22				44	*	*
7-Apr-22				43	*	*
8-Apr-22				44	129	232
9-Apr-22				42	143	218
10-Apr-22				41	142	235
11-Apr-22				26	128	278
12-Apr-22				26	128	278
13-Apr-22				26	134	259
14-Apr-22				29	114	175
15-Apr-22				33	120	211
16-Apr-22				36	120	157
17-Apr-22				38	139	170
18-Apr-22				38	139	170
19-Apr-22				39	121	165
20-Apr-22				40	124	177
21-Apr-22				40	144	156
22-Apr-22				44	151	169
23-Apr-22				41	143	153
24-Apr-22				42	123	143
25-Apr-22				39	152	170
26-Apr-22				29	159	181
27-Apr-22				29	158	179
28-Apr-22				29	158	179
29-Apr-22				29	159	184
30-Apr-22				29	141	74

Plant not in operation

Remarks:

* Analyzer preventive maintenance taken



COASTAL ENERGEN PRIVATE LIMITED
2 X 600 MW MUTIARA THERMAL POWER PLANT
CONTINUOUS EFFLUENT MONITORING SYSTEM REPORT

Daily Average from 01.04.2022 to 30.04.2022

Date	SEA WATER OUTFALL	ETP TREATED WATER OUTLET		
	Temperature(°C)	Temperature(°C)	TSS (mg/Lit)	pH
1-Apr-22	32.3	27.3	4.0	8.8
2-Apr-22	32.2	27.6	4.0	8.9
3-Apr-22	31.8	27.1	3.9	9.0
4-Apr-22	32.1	27.3	3.9	8.6
5-Apr-22	32.0	24.8	3.7	8.4
6-Apr-22	32.1	28.3	5.9	8.1
7-Apr-22	32.0	27.4	6.2	8.0
8-Apr-22	32.0	26.8	7.1	7.9
9-Apr-22	31.7	*	*	*
10-Apr-22	31.5	*	*	*
11-Apr-22	31.4	26.1	4.0	7.7
12-Apr-22	31.5	26.1	4.0	7.7
13-Apr-22	31.6	27.4	4.0	7.8
14-Apr-22	31.8	26.2	3.9	8.1
15-Apr-22	31.7	27.2	3.9	8.0
16-Apr-22	31.8	*	*	*
17-Apr-22	31.7	26.7	3.2	7.3
18-Apr-22	32.1	30.8	4.5	7.0
19-Apr-22	32.3	27.6	3.8	6.8
20-Apr-22	32.2	*	*	*
21-Apr-22	32.0	27.5	3.4	6.6
22-Apr-22	31.7	27.0	4.0	6.6
23-Apr-22	29.2	26.2	5.8	6.5
24-Apr-22	31.4	27.1	7.4	6.4
25-Apr-22	31.7	27.6	10.3	6.3
26-Apr-22	32.1	27.8	11.2	6.2
27-Apr-22	32.3	27.3	10.9	6.2
28-Apr-22	32.3	27.5	10.5	6.1
29-Apr-22	32.3	27.9	7.8	6.0
30-Apr-22	32.4	28.3	6.0	6.0
Remarks:	* Falcon module problem			



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

DAILY EFFLUENT DISCHARGE FROM 01.04.2022 TO 30.04.2022

DATE	ETP TREATED WATER (m3)	STP-1 TREATED WATER (m3)	STP-2 TREATED WATER (m3)
1-Apr-22	*	9.0	3.6
2-Apr-22	*	9.0	3.6
3-Apr-22	*	6.0	3.6
4-Apr-22	*	9.0	3.6
5-Apr-22	*	9.0	3.6
6-Apr-22	153	9.0	3.6
7-Apr-22	*	9.0	3.6
8-Apr-22	*	9.0	3.6
9-Apr-22	180	9.0	3.6
10-Apr-22	47	6.0	3.6
11-Apr-22	*	9.0	3.6
12-Apr-22	*	9.0	3.6
13-Apr-22	*	9.0	3.6
14-Apr-22	*	9.0	3.6
15-Apr-22	*	9.0	3.6
16-Apr-22	*	9.0	3.6
17-Apr-22	*	6.0	3.6
18-Apr-22	*	9.0	3.6
19-Apr-22	124	9.0	3.6
20-Apr-22	*	9.0	3.6
21-Apr-22	*	9.0	3.6
22-Apr-22	171	9.0	1.2
23-Apr-22	*	9.0	3.6
24-Apr-22	*	6.0	3.6
25-Apr-22	*	9.0	3.6
26-Apr-22	*	9.0	3.6
27-Apr-22	*	9.0	3.6
28-Apr-22	*	9.0	3.6
29-Apr-22	151	9.0	3.6
30-Apr-22	*	9.0	3.6
Remarks:	* No Effluent Generation.		