



COASTAL ENERGEN PVT. LTD

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CIN : U40102TN2006PTC060009

(Under Corporate Insolvency Resolution Process vide order of Hon'ble NCLT dated 04.02.2022)

ENERGEN/ENV/TNPCB/2023-24/61

13.03.2024

To

The Member Secretary,

Tamil Nadu Pollution Control Board,

76, Anna Salai, Guindy,

Chennai - 600 032.

Dear Sir,

Sub: Submission of Monthly Environment report - Reg.

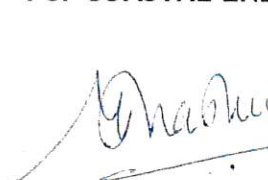
This has reference to the captioned subject; we enclose the Monthly Environment Report for the period of 01.02.2024 to 29.02.2024.

This is for your kind information and records.

Thanking You,

Yours faithfully,

For COASTAL ENERGEN PRIVATE LIMITED



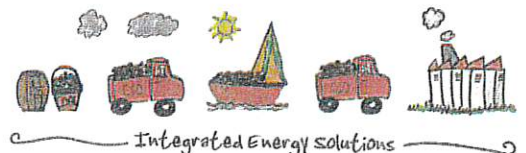

MK Parameswaran

Station Director

Encl: as above

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

2. District Environmental Engineer, TNPCB, Tuticorin





COASTAL ENERGEN PRIVATE LIMITED

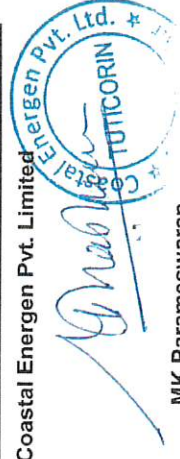
2 X 600 MW MUTIARA THERMAL POWER PLANT

METROLOGICAL STATION REPORT

Daily Average from 01.02.2024 to 29.02.24

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-Feb-24	23.0	30.7	26.3	1041	1044	1042	West & South East	1.22	14.78	3.66	74.1	98.9	91.3	4
2-Feb-24	23.8	31.6	27.1	1040	1044	1042	East & North East	1.22	16.95	5.72	67.2	99.5	87.2	0
3-Feb-24	23.5	33	27.5	1040	1044	1042	East & North East	1.22	17.71	6.86	57.5	99.5	82.1	0
4-Feb-24	22.2	32.6	26.7	1041	1045	1043	East & North West	1.64	23.17	8.16	57.8	98.5	80.8	0
5-Feb-24	21.7	32	26.1	1042	1045	1043	North West & East	1.22	20.94	7.39	59.3	97.2	82.8	0
6-Feb-24	21.6	31.2	26.1	1041	1045	1043	East & South East	1.43	21.21	8.33	59.8	98.6	80.6	0
7-Feb-24	24.3	30.8	26.8	1039	1042	1041	East & South East	1.23	21.18	8.17	66.3	92.3	81.9	0
8-Feb-24	23.9	31.6	26.3	1040	1042	1041	East & South East	1.23	15.47	7.66	65.5	94.7	87.1	0
9-Feb-24	24.5	27.1	25.4	1040	1043	1041	South & South East	2.17	21.21	9.28	85.8	97.2	91.5	0
10-Feb-24	22.7	32.0	27.2	1041	1044	1043	East & South East	2.49	24.75	9.38	61.7	95	79.0	0
11-Feb-24	22.8	32.7	27.1	1041	1045	1043	East & South East	1.62	24.28	9.25	55.6	97.1	77.6	0
12-Feb-24	21.7	32.7	26.9	1041	1044	1043	East & South East	3	23.23	9.68	49.7	92.6	74.1	0
13-Feb-24	23.1	33.6	27.7	1040	1044	1042	East & North East	3.66	20.54	9.97	56.8	90.4	76.8	0
14-Feb-24	24.4	32.1	27.7	1040	1043	1042	East & North East	3.05	23.54	10.63	61.8	93.2	77.1	0
15-Feb-24	22.5	32.4	26.9	1040	1043	1042	East & North West	2.02	21.46	8.96	59.8	94.3	77.2	0
16-Feb-24	22.9	33.2	27.5	1040	1043	1042	North West & East	1.66	24.74	9.31	55.7	92	75.8	0
17-Feb-24	23.6	33.3	27.5	1039	1043	1041	North West & East	2.02	23.85	9.25	55.8	90.7	77.3	0
18-Feb-24	22.8	33.3	27.1	1039	1043	1041	East & North West	1.23	20.88	7.57	59.5	97.3	81.9	0
19-Feb-24	23.4	33	27.3	1039	1043	1041	East & North East	1.22	22.57	7.08	58.9	96.1	80.6	0
20-Feb-24	22.9	33.3	27	1039	1043	1041	North West & West	1.22	19.2	6.25	57.1	98.8	82.1	0
21-Feb-24	22.4	32.9	26.9	1039	1042	1041	East & North West	1.22	17.25	5.37	50.5	98.6	80.0	0
22-Feb-24	21.9	34	27.8	1039	1042	1040	East & North East	1.22	23.4	8.59	51.1	99.1	82.1	0
23-Feb-24	22.9	34.4	28.8	1038	1042	1040	East & North East	1.22	25.07	9.26	52.1	96	76.8	0
24-Feb-24	22.8	34.4	27.9	1038	1041	1040	North West & East	1.22	20.86	5.98	52.3	98.1	81.0	0
25-Feb-24	23.8	32.9	27.7	1038	1041	1039	East & North West	1.23	19.66	7.87	59.8	97	78.9	0
26-Feb-24	24.6	33.6	28.8	1038	1041	1040	East & North East	3.45	21.54	10.52	57.7	87.3	73.1	0
27-Feb-24	24.6	32.8	28.5	1039	1042	1040	North East & East	3.73	27.81	11.57	56.2	90.6	74.4	0
28-Feb-24	22.9	33.3	27.9	1038	1042	1040	East & North East	1.95	24.8	10.15	57.3	93.2	76.1	0
29-Feb-24	23.2	33.7	23.9	1038	1042	1039	East & North	1.23	24.84	6.88	57.8	97.2	64.9	0
Remarks:	Total Rainfall for the month			4.0 mm.			Rainfall Recorded on 01.02.2024							

For Coastal Energen Pvt. Limited



MK Parameswaran
Station Director



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

Daily Average from 01.02.2024 to 29.02.2024

Date	STATION-1 (Near Main Office)					STATION-2 (Near Batching Plant)					STATION-3 (Near Crusher House)					STATION-4 (Sea Water Pump House)				
	SO2 80 µg/m	NOX 80 µg/m	PM10 100 µg/m	PM2.5 60 µg/m	CO 02 mg/m	SO2 80 µg/m	NOX 80 µg/m	PM10 100 µg/m	PM2.5 60 µg/m	CO 02 mg/m	SO2 80 µg/m	NOX 80 µg/m	PM10 100 µg/m	PM2.5 60 µg/m	CO 02 mg/m	SO2 80 µg/m	NOX 80 µg/m	PM10 100 µg/m	PM2.5 60 µg/m	CO 02 mg/m
1-Feb-24	4.0	8.0	23.0	*	0.6	11.0	15.0	33.0	3.0	0.5	9.0	8.0	15.0	5.0	0.3	*	10.0	39.0	31.0	1.3
2-Feb-24	4.0	8.0	24.0	*	0.6	11.0	17.0	27.0	4.0	0.5	10.0	8.0	11.0	4.0	0.3	*	10.0	39.0	56.0	0.7
3-Feb-24	3.0	8.0	32.0	*	0.5	11.0	16.0	37.0	5.0	0.4	10.0	7.0	17.0	5.0	0.3	*	10.0	41.0	33.0	0.8
4-Feb-24	3.0	8.0	26.0	*	0.5	11.0	14.0	38.0	6.0	0.4	10.0	4.0	17.0	6.0	0.3	*	10.0	36.0	24.0	0.6
5-Feb-24	4.0	8.0	22.0	*	0.5	11.0	14.0	32.0	5.0	0.4	10.0	4.0	14.0	4.0	0.3	*	10.0	33.0	19.0	0.6
6-Feb-24	4.0	8.0	28.0	*	0.6	11.0	14.0	34.0	9.0	0.4	10.0	7.0	23.0	9.0	0.4	*	10.0	85.0	58.0	0.6
7-Feb-24	4.0	9.0	51.0	*	0.5	11.0	13.0	23.0	8.0	0.5	10.0	8.0	26.0	12.0	0.5	*	10.0	69.0	52.0	0.6
8-Feb-24	3.0	9.0	40.0	*	0.4	11.0	17.0	53.0	8.0	0.4	10.0	9.0	16.0	8.0	0.5	*	10.0	47.0	46.0	0.5
9-Feb-24	3.0	9.0	43.0	*	0.4	11.0	18.0	3.0	9.0	0.4	10.0	8.0	24.0	11.0	0.5	*	10.0	22.0	18.0	0.5
10-Feb-24	4.0	9.0	66.0	*	0.4	11.0	20.0	36.0	15.0	0.4	10.0	5.0	33.0	15.0	0.6	*	10.0	85.0	43.0	0.7
11-Feb-24	4.0	9.0	78.0	*	0.4	11.0	18.0	59.0	13.0	0.5	10.0	5.0	35.0	18.0	0.6	*	10.0	90.0	52.0	0.8
12-Feb-24	4.0	9.0	47.0	*	0.4	11.0	17.0	37.0	8.0	0.4	10.0	4.0	26.0	12.0	0.5	*	10.0	62.0	40.0	0.7
13-Feb-24	3.0	9.0	34.0	*	0.4	11.0	18.0	16.0	6.0	0.5	10.0	7.0	21.0	7.0	0.5	*	10.0	45.0	34.0	0.7
14-Feb-24	4.0	7.0	42.0	*	0.5	11.0	18.0	53.0	7.0	0.8	10.0	7.0	21.0	9.0	0.6	*	10.0	53.0	34.0	0.9
15-Feb-24	4.0	9.0	47.0	*	0.4	11.0	17.0	12.0	7.0	0.7	10.0	8.0	23.0	10.0	0.6	*	10.0	58.0	41.0	0.9
16-Feb-24	5.0	8.0	45.0	*	0.4	11.0	17.0	8.0	9.0	0.7	8.0	7.0	24.0	11.0	0.5	*	10.0	60.0	45.0	0.9
17-Feb-24	5.0	8.0	49.0	*	0.3	10.0	11.0	3.0	8.0	0.5	6.0	9.0	27.0	11.0	0.4	*	10.0	60.0	53.0	0.7
18-Feb-24	5.0	8.0	52.0	*	0.4	11.0	8.0	30.0	11.0	0.5	6.0	7.0	39.0	11.0	0.5	*	10.0	58.0	57.0	0.8
19-Feb-24	5.0	8.0	58.0	*	0.4	10.0	7.0	34.0	12.0	0.5	6.0	7.0	32.0	12.0	0.6	*	10.0	67.0	46.0	0.8
20-Feb-24	5.0	9.0	71.0	*	0.4	11.0	9.0	31.0	10.0	0.5	6.0	6.0	24.0	11.0	0.5	*	10.0	56.0	51.0	0.6
21-Feb-24	5.0	9.0	76.0	*	0.4	11.0	6.0	29.0	12.0	0.4	6.0	7.0	31.0	13.0	0.5	*	10.0	66.0	53.0	0.7
22-Feb-24	5.0	10.0	74.0	*	0.4	11.0	7.0	61.0	16.0	0.6	7.0	8.0	44.0	19.0	0.6	*	10.0	76.0	45.0	0.9
23-Feb-24	5.0	9.0	44.0	*	0.4	11.0	6.0	65.0	8.0	0.4	7.0	8.0	35.0	10.0	0.5	*	10.0	60.0	32.0	0.7
24-Feb-24	5.0	9.0	47.0	*	0.3	11.0	7.0	39.0	7.0	0.5	7.0	8.0	27.0	11.0	0.6	*	10.0	57.0	48.0	0.8
25-Feb-24	5.0	8.0	78.0	*	0.4	11.0	13.0	52.0	7.0	0.4	6.0	7.0	24.0	9.0	0.4	*	10.0	52.0	40.0	1.1
26-Feb-24	5.0	8.0	44.0	*	0.4	11.0	12.0	26.0	7.0	0.4	6.0	7.0	22.0	4.0	0.4	*	10.0	52.0	41.0	1.0
27-Feb-24	6.0	8.0	65.0	*	0.4	11.0	12.0	40.0	7.0	0.5	6.0	6.0	21.0	6.0	0.4	4.0	10.0	51.0	39.0	0.7
28-Feb-24	5.0	8.0	70.0	*	0.5	11.0	12.0	49.0	8.0	0.5	6.0	7.0	20.0	10.0	0.5	4.0	10.0	54.0	40.0	0.8
29-Feb-24	5.0	8.0	44.0	*	0.5	11.0	19.0	28.0	10.0	0.4	6.0	8.0	21.0	8.0	0.5	4.0	10.0	52.0	38.0	0.9

* Due to Analyzer problem data not received.

For Coastal Energen Pvt. Limited

MK Parameswaran
Station Director



COASTAL ENERGEN PRIVATE LIMITED

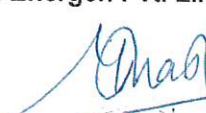
2 X 600 MW MUTIARA THERMAL POWER PLANT

STACK EMISSION MONITORING REPORT

Daily Average from 01.02.2024 to 29.02.2024

Date	UNIT-1			UNIT-2		
	PM (50 mg/m3)	SO2 (200 mg/m3)	Nox (450 mg/m3)	PM (50 mg/m3)	SO2 (200 mg/m3)	Nox (450 mg/m3)
1-Feb-24	47	152	164	Unit not in operation		
2-Feb-24	48	173	125			
3-Feb-24	47	169	158			
4-Feb-24	41	186	159			
5-Feb-24	43	178	149			
6-Feb-24	29	147	156	39	153	107
7-Feb-24	31	162	152	40	156	111
8-Feb-24	36	164	165	41	161	126
9-Feb-24	39	158	160	43	176	117
10-Feb-24	41	133	146	49	143	97
11-Feb-24	45	154	151	41	170	101
12-Feb-24	45	160	151	41	175	100
13-Feb-24	39	137	158	44	125	112
14-Feb-24	49	170	110	39	152	106
15-Feb-24	47	201	129	42	194	126
16-Feb-24	47	136	138	39	121	148
17-Feb-24	43	158	140	30	144	146
18-Feb-24	47	129	132	38	114	131
19-Feb-24	47	118	141	36	103	143
20-Feb-24	Unit not in operation			36	50	112
21-Feb-24	39	105	111	32	108	133
22-Feb-24	45	154	100	37	137	78
23-Feb-24	45	177	166	32	161	157
24-Feb-24	34	151	175	33	124	151
25-Feb-24	39	139	115	31	115	62
26-Feb-24	38	112	78	33	98	79
27-Feb-24	43	111	71	Unit not in operation		
28-Feb-24	36	141	144			
29-Feb-24	41	172	148			
Remarks:	Nil					

For Coastal Energen Pvt. Limited


MK Parameswaran
Station Director





COASTAL ENERGEN PRIVATE LIMITED
2 X 600 MW MUTIARA THERMAL POWER PLANT
CONTINUOUS EFFLUENT MONITORING SYSTEM REPORT
Daily Average from 01.02.2024 to 29.02.2024

Date	ETP TREATED WATER QUALITY		
	Temperature (40 °C)	TSS (100 mg/Lit)	pH (5.5 to 9)
1-Feb-24	22.7	2.9	6.4
2-Feb-24	23.9	3.0	5.9
3-Feb-24	24.2	2.8	6.0
4-Feb-24	22.9	2.7	5.9
5-Feb-24	25.4	2.3	5.8
6-Feb-24	23.4	2.4	6.3
7-Feb-24	23.8	2.7	7.0
8-Feb-24	23.7	2.8	6.3
9-Feb-24	24.0	3.1	6.1
10-Feb-24	24.3	2.6	6.4
11-Feb-24	24.3	2.7	6.1
12-Feb-24	*	*	*
13-Feb-24	*	*	*
14-Feb-24	*	*	*
15-Feb-24	*	*	*
16-Feb-24	*	*	*
17-Feb-24	*	*	*
18-Feb-24	*	*	*
19-Feb-24	*	*	*
20-Feb-24	*	*	*
21-Feb-24	*	*	*
22-Feb-24	*	*	*
23-Feb-24	*	*	*
24-Feb-24	*	*	*
25-Feb-24	*	*	*
26-Feb-24	*	*	*
27-Feb-24	*	*	*
28-Feb-24	*	*	*
29-Feb-24	*	*	*
Remarks:	* Due to Server maintenance work taken by TNPCB-CAC, Data Not uploaded on TNPCB Website.		

For Coastal Energen Pvt. Limited


MK Parameswaran
Station Director





COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

DAILY EFFLUENT DISCHARGE FROM 01.02.2024 to 29.02.2024

DATE	ETP TREATED WATER (m3)	STP-1 TREATED WATER (m3)	STP-2 TREATED WATER (m3)
1-Feb-24	*	9.0	3.6
2-Feb-24	138.0	9.0	3.6
3-Feb-24	*	6.6	3.6
4-Feb-24	*	6.0	3.6
5-Feb-24	*	9.0	3.6
6-Feb-24	120.0	6.6	3.6
7-Feb-24	170.0	9.0	3.6
8-Feb-24	*	9.0	3.6
9-Feb-24	141.0	9.0	3.6
10-Feb-24	*	9.0	3.6
11-Feb-24	*	6.0	3.6
12-Feb-24	*	9.0	3.6
13-Feb-24	*	6.6	3.6
14-Feb-24	177.0	9.0	3.6
15-Feb-24	*	9.0	3.6
16-Feb-24	*	9.0	3.6
17-Feb-24	*	9.0	3.6
18-Feb-24	*	6.6	3.6
19-Feb-24	188.0	9.0	3.6
20-Feb-24	*	8.4	3.6
21-Feb-24	157.0	9.0	3.6
22-Feb-24	*	6.6	3.6
23-Feb-24	*	9.0	3.6
24-Feb-24	140.0	9.0	4.2
25-Feb-24	87.0	6.0	3.6
26-Feb-24	71.0	9.0	3.6
27-Feb-24	*	6.6	3.6
28-Feb-24	70.0	9.0	3.6
29-Feb-24	103.0	9.0	3.6

Remarks:

* No Effluent Generation.

For Coastal Energen Pvt. Limited




MK Parameswaran
Station Director



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

SEA WATER INTAKE & OUTFALL TEMPERATURE DIFFERENCE FROM 01.02.2024 TO 29.02.2024

Date	Sea Water Intake	Sea Water Outfall	Difference
1-Feb-24	27.82	30.11	2.29
2-Feb-24	27.71	29.53	1.82
3-Feb-24	28.68	29.84	1.16
4-Feb-24	28.44	29.64	1.2
5-Feb-24	28.5	29.97	1.47
6-Feb-24	28.68	29.87	1.19
7-Feb-24	28.32	30.62	2.3
8-Feb-24	28	29.61	1.61
9-Feb-24	27.5	29.53	2.03
10-Feb-24	28.14	29.14	1.0
11-Feb-24	28.27	*	*
12-Feb-24	28.21	*	*
13-Feb-24	28.39	*	*
14-Feb-24	28.27	*	*
15-Feb-24	28.22	*	*
16-Feb-24	28.37	*	*
17-Feb-24	28.47	*	*
18-Feb-24	28.28	*	*
19-Feb-24	28.38	*	*
20-Feb-24	28.41	*	*
21-Feb-24	28.64	*	*
22-Feb-24	28.7	*	*
23-Feb-24	29.01	*	*
24-Feb-24	29.22	*	*
25-Feb-24	29.12	*	*
26-Feb-24	28.9	*	*
27-Feb-24	29.02	30.21	1.19
28-Feb-24	28.44	30.18	1.74
29-Feb-24	28.82	31.7	2.88

Remarks: Temperature difference of sea water intake and outfall temperature were with in the prescribed Limit of 5°C.
* Due to Outfall RTD cable problem, Data not available.

For Coastal Energen Pvt. Limited

MK Parameswaran
Station Director

