



C&O
GROUP

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/2024-25/12

14.06.2024

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.

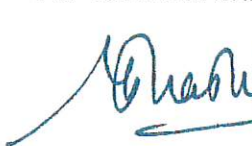
This has reference to the captioned subject; we enclose the Monthly Environment Report for the period of 01.05.2024 to 31.05.2024.

This is for your kind information and records.

Thanking You,

Yours faithfully,

For COASTAL ENERGEN PRIVATE LIMITED

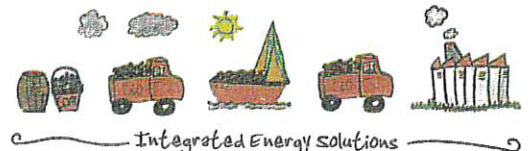

MK Parameswaran

Station Director



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

2. District Environmental Engineer, TNPCB, Tuticorin





COASTAL ENERGEN PRIVATE LIMITED

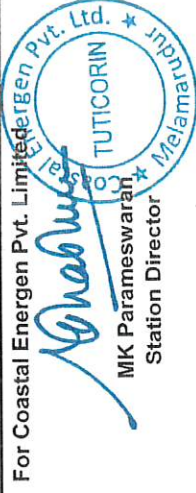
2 X 600 MW MUTIARA THERMAL POWER PLANT

METROLOGICAL STATION REPORT

Daily Average from 01.05.2024 to 31.05.24

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-May-24	26.1	37.3	32.1	1034.1	1038.1	1036.2	South East & South	1.2	29.4	9.5	49.8	93	71.2	0
2-May-24	26.1	38.1	31.9	1034.6	1037.7	1036.4	South & South East	1.2	26.0	8.7	49.5	90.8	73.6	0
3-May-24	28.5	39.3	32.6	1035.3	1038.5	1036.9	South & South West	1.2	28.9	10.7	47.2	88.3	71.8	0
4-May-24	27.1	38.5	32.7	1035.2	1039.0	1037.1	South East & South West	1.2	28.8	8.5	41.1	87.6	67.6	0
5-May-24	27.5	39	33	1034.7	1037.6	1036.4	South East & West	1.2	30.6	8.4	46.9	82.9	65.4	0
6-May-24	28	40.1	32.7	1035.3	1037.9	1036.7	South East & West	1.2	28.7	8.6	36.6	78.8	63.8	0
7-May-24	27.2	39.2	32.7	1035.8	1038.9	1037.5	South East & West	1.2	24.9	8.5	43.1	75.9	60.3	0
8-May-24	25.6	37.1	31.6	1036	1039.3	1037.8	South East & East	1.2	23.5	7.6	47.9	78.7	65.2	0
9-May-24	25.9	36.6	31.1	1036	1039	1037.6	South East & North West	1.2	23.4	7.4	52.7	84.6	71.7	0
10-May-24	26.7	36.5	30.5	1036.1	1039.7	1038.3	North West & South East	1.2	26.6	6.5	56.9	87.5	73.7	0
11-May-24	25.8	34.8	29.7	1037.3	1040.5	1039	South East & North West	1.2	20.3	5.9	61.7	93.3	77.0	0
12-May-24	25.5	35.1	30.4	1036.9	1040.4	1038.9	South East & North West	1.2	23.8	7.5	57.5	93.1	77.5	0
13-May-24	24.9	36	29.2	1036.7	1039.7	1038.4	North West & North	1.2	18.3	4.2	57.9	97	80.7	0.0
14-May-24	23.9	35.8	28.6	1036.7	1039.9	1038.5	North West & South East	1.2	17.4	4.7	51.7	98.7	81.4	20.0
15-May-24	25.4	35.5	29.1	1037.1	1040.2	1038.6	North West & South East	1.2	17.8	5.6	58	96.3	81.2	0
16-May-24	25.3	34.5	28.4	1036.9	1040.4	1038.7	North West & South East	1.2	21.0	5.3	62.4	96.2	83.5	17.0
17-May-24	25.7	30	27.9	1036.5	1039.2	1038.1	East & North West	1.2	18.0	3.0	78.9	98.4	88.8	2.0
18-May-24	24.9	34.6	28	1024.1	1038	1036.8	North West & South East	1.2	19.1	4.3	63.3	99.3	86.2	0
19-May-24	24.8	33.9	28.1	1033.9	1037.6	1035.8	North West & East	1.2	17.1	3.9	63.9	98.4	86.7	8.0
20-May-24	25.4	33.1	28.7	1034.3	1037.2	1035.6	East & North West	1.2	26.7	5.9	59.6	99	79.2	2.0
21-May-24	24.8	37.2	29.8	1034.2	1036.1	1034.5	South West & West	1.2	19.6	5.3	47	93.3	72.2	0
22-May-24	25.8	35.7	29.3	1032.7	1035.6	1034.5	South West & West	1.2	22.5	5.6	56.5	94.1	80.3	0
23-May-24	24.9	35.5	28.4	1034.6	1035.2	1034.1	South West & West	1.2	21.6	6.4	54.1	98.9	83.5	35.0
24-May-24	25.7	34.7	28.5	1032.8	1035.7	1034.2	South West & West	1.2	20.7	7.1	57	98.5	84.8	0
25-May-24	25.5	34.6	29.5	1033.5	1036	1034.4	South West & West	1.2	22.5	8.7	56.4	94.5	73.1	0
26-May-24	27.7	34.7	30.6	1033.6	1036.2	1035.1	West & South West	1.5	28.4	10.1	52.2	76.8	65.2	0
27-May-24	27.4	36	31.1	1033.8	1036.4	1035.2	West & South West	1.7	27.8	10.9	46.0	77.6	64.3	0
28-May-24	28	34.3	31	1034.2	1036.6	1035.5	West & South West	2.7	35.3	11.6	50	74.7	63.2	0
29-May-24	27.2	37.9	32.0	1033.4	1036.6	1035.3	West & South West	2.9	28.4	10.8	45.5	79.6	64.3	0
30-May-24	27.2	37.9	32	1033.4	1036.6	1035.3	West & South West	1.2	20.0	8.0	45.5	79.6	64.3	0
31-May-24	25.8	38.3	31.8	1033.8	1036.9	1035.4	West & South East	1.2	23.0	6.7	42.8	87.5	67.0	0
Remarks:	Total Rainfall for the month			84.0 mm.			Rainfall Recorded on 14, 16, 17, 19, 20 & 23rd May. (As Rain Gauge in Plant Weather Station is faulty, Rain Fall data Taken From TN-SMART Website)							

For Coastal Energen Pvt. Limited
MK Parameswaran
Station Director





COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

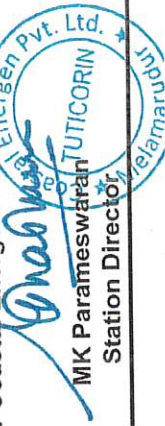
CONTINUOUS AMBIENT AIR QUALITY MONITORING REPORT

Daily Average from 01.05.2024 to 31.05.2024

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-May-24	7.1	7.5	81.0	28.0	0.5		6.1	16.7	70.3	6.5	0.3		4.7	7.8	28.3	7.8	0.2		5.7	9.7	60.3	26.4	0.8	
2-May-24	7.1	7.5	79.0	43.0	0.5		6.1	15.8	83.4	6.5	0.4		4.5	9.3	36.1	13.4	0.3		5.5	9.7	77.7	52.0	0.9	
3-May-24	7.1	7.8	69.0	33.0	0.5		7.0	17.5	87.0	9.4	0.4		5.2	10.0	36.7	12.0	0.2		4.9	9.7	94.8	19.5	0.9	
4-May-24	7.2	7.9	84.0	32.0	0.5		8.6	17.5	91.0	10.6	0.4		4.9	10.8	42.9	14.2	0.3		5.5	9.7	91.0	50.4	0.9	
5-May-24	7.1	7.9	87.4	23.0	0.5		12.8	14.6	93.7	7.5	0.3		4.7	7.9	52.7	13.5	0.3		4.3	9.7	74.3	33.6	0.9	
6-May-24	7.2	7.7	74.1	18.0	0.5		10.8	13.8	79.3	5.3	0.6		4.6	10.6	41.7	11.8	0.2		4.0	9.7	75.8	26.8	1.0	
7-May-24	7.2	7.7	63.5	13.0	0.5		11.0	14.6	90.7	5.6	0.8		4.7	8.6	51.8	14.8	0.2		4.2	9.7	91.7	31.3	1.0	
8-May-24	7.3	7.3	91.4	25.0	0.5		11.6	15.8	85.0	8.8	0.7		4.9	9.9	60.4	15.8	0.3		3.9	9.7	86.2	35.1	1.0	
9-May-24	7.2	7.3	82.0	31.0	0.5		10.5	13.5	42.3	10.3	0.7		4.4	9.3	44.1	13.4	0.3		3.1	9.7	65.0	40.8	0.9	
10-May-24	7.2	7.1	69.3	22.0	0.5		11.1	12.1	54.4	7.8	0.6		4.4	12.4	28.9	9.1	0.2		4.9	9.7	53.0	29.3	0.9	
11-May-24	7.3	7.0	84.4	16.0	0.5		8.1	13.1	14.1	6.0	0.6		4.7	13.0	29.3	7.6	0.3		4.2	9.7	42.3	22.0	0.9	
12-May-24	7.1	7.7	91.8	16.0	0.5		5.8	14.4	44.2	4.3	0.6		4.8	11.8	36.0	8.2	0.4		3.8	9.7	43.1	23.1	0.9	
13-May-24	7.3	7.0	91.0	15.0	0.5		5.8	15.7	27.4	4.2	0.6		5.3	14.0	15.2	11.0	0.2		5.0	9.5	44.7	16.6	0.9	
14-May-24	7.2	7.3	82.3	11.0	0.5		6.1	18.1	27.2	2.7	0.8		4.7	12.9	13.1	8.0	0.2		4.4	9.7	31.2	18.0	0.6	
15-May-24	7.2	7.0	64.0	20.0	0.5		6.2	18.4	29.3	4.8	0.7		4.9	11.2	16.6	10.0	0.2		5.5	8.5	26.3	11.3	0.9	
16-May-24	7.3	6.6	73.6	28.0	0.6		6.1	17.8	41.2	9.3	0.6		4.9	13.4	19.2	6.7	0.2		6.3	9.7	49.4	42.0	0.6	
17-May-24	7.0	6.7	49.3	21.0	0.6		6.3	18.0	39.5	7.5	0.5		5.2	13.0	18.1	6.9	0.3		3.9	9.3	48.6	18.6	0.7	
18-May-24	7.1	7.0	59.9	26.0	0.6		6.4	18.1	52.1	9.0	0.5		4.8	12.5	22.8	7.8	0.3		5.8	9.7	51.7	36.4	0.7	
19-May-24	7.0	6.9	49.6	19.0	0.6		6.5	18.5	37.3	7.9	0.7		5.4	16.2	19.8	5.9	0.3		3.3	9.7	48.3	40.7	0.8	
20-May-24	7.2	8.0	44.1	22.0	0.4		6.4	16.2	31.0	8.0	0.6		5.8	13.4	32.5	9.0	0.3		5.6	9.6	44.0	16.5	0.6	
21-May-24	7.1	6.8	49.7	16.0	0.5		6.3	14.7	34.7	4.9	0.5		5.5	13.1	18.9	5.8	0.3		5.8	9.7	48.8	28.4	0.7	
22-May-24	7.1	6.5	32.1	13.0	0.4		6.6	17.7	29.8	8.0	0.5		5.6	12.6	15.3	7.0	0.3		6.1	9.7	41.4	23.1	0.7	
23-May-24	6.4	10.4	43.8	9.0	0.4		6.9	18.6	21.9	6.0	0.4		5.7	13.5	14.0	9.0	0.3		4.8	9.7	33.8	28.8	0.8	
24-May-24	6.2	11.2	43.7	11.0	0.3		8.1	18.7	28.6	3.5	0.4		5.7	14.3	16.4	8.0	0.3		5.3	9.7	37.5	36.0	0.7	
25-May-24	6.0	11.8	26.5	11.4	0.5		8.0	12.3	33.7	6.0	0.4		5.4	16.4	17.1	9.0	0.3		5.2	9.7	45.7	10.8	0.9	
26-May-24	6.1	10.4	30.1	14.4	0.4		7.9	12.9	39.0	3.7	0.5		5.4	13.4	26.2	5.6	0.3		5.0	9.7	47.6	20.0	0.7	
27-May-24	6.2	11.7	35.1	14.6	0.4		7.6	15.2	36.8	4.0	0.5		5.0	12.6	22.0	6.9	0.3		3.9	9.1	46.6	10.7	0.8	
28-May-24	6.1	10.7	25.1	8.5	0.4		7.4	11.2	28.8	8.0	0.4		4.9	13.2	18.5	4.0	0.3		3.1	9.7	27.1	9.0	0.4	
29-May-24	6.3	10.7	11.3	12.0	0.3		7.0	10.4	21.2	4.0	0.5		5.5	14.8	14.2	10.0	0.3		5.7	9.7	36.8	7.6	0.7	
30-May-24	6.4	9.1	23.5	8.0	0.4		7.2	12.3	27.0	11.0	0.7		5.4	16.6	24.0	8.0	0.4		3.6	9.7	43.3	8.9	0.7	
31-May-24	6.2	8.7	46.0	11.9	0.4		7.1	11.2	56.3	9.0	0.7		5.6	15.9	22.6	11.0	0.4		4.6	9.7	57.9	16.6	0.8	

Remarks: Nil

For Coastal Energen Pvt. Limited


MK Parameswaran
Station Director
TUTICORIN
Injalmar



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

STACK EMISSION MONITORING REPORT

Daily Average from 01.05.2024 to 31.05.2024

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-May-24	39	175	239	Unit not in operation		
2-May-24	44	153	225			
3-May-24	36	157	200			
4-May-24	39	184	197	31	186	152
5-May-24	34	190	197	39	178	179
6-May-24	36	197	217	58	147	136
7-May-24	37	176	201	58	179	115
8-May-24	43	177	156	44	194	192
9-May-24	36	136	106	43	202	204
10-May-24	37	189	128	43	162	136
11-May-24	*	208	121	36	157	139
12-May-24	*	194	134	44	163	148
13-May-24	36	183	124	45	161	120
14-May-24	35	189	126	44	186	111
15-May-24	37	208	145	45	224	179
16-May-24	44	215	150	45	207	193
17-May-24	41	189	148	45	177	201
18-May-24	41	201	145	45	176	125
19-May-24	46	195	144	45	201	148
20-May-24	41	202	155	44	179	149
21-May-24	45	217	130	45	207	150
22-May-24	44	210	121	45	234	142
23-May-24	44	198	125	45	197	112
24-May-24	42	207	146	43	180	125
25-May-24	42	162	137	43	179	101
26-May-24	41	89	121	43	177	142
27-May-24	Unit not in operation			43	174	139
28-May-24				43	161	126
29-May-24	41	192	144	44	179	123
30-May-24	47	177	139	46	204	179
31-May-24	44	199	133	46	199	148
Remarks:	* Due to Analyzer Problem, data not received.					

For Coastal Energen Pvt. Limited

MK Parameswaran
MK Parameswaran
Station Director





COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

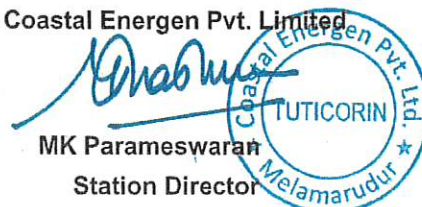
CONTINUOUS EFFLUENT MONITORING SYSTEM REPORT

Daily Average from 01.05.2024 to 31.05.2024

Date	ETP TREATED WATER QUALITY		
	Temperature (40 °C)	TSS (100 mg/Lit)	pH (5.5 to 9)
1-May-24	*	*	*
2-May-24	*	*	*
3-May-24	*	*	*
4-May-24	*	*	*
5-May-24	*	*	*
6-May-24	*	*	*
7-May-24	*	*	*
8-May-24	*	*	*
9-May-24	*	*	*
10-May-24	*	*	*
11-May-24	*	*	*
12-May-24	*	*	*
13-May-24	*	*	*
14-May-24	*	*	*
15-May-24	*	*	*
16-May-24	*	*	*
17-May-24	*	*	*
18-May-24	*	*	*
19-May-24	*	*	*
20-May-24	*	*	*
21-May-24	*	*	*
22-May-24	*	*	*
23-May-24	*	*	*
24-May-24	*	*	*
25-May-24	*	*	*
26-May-24	*	*	*
27-May-24	*	*	*
28-May-24	*	*	*
29-May-24	*	*	*
30-May-24	*	*	*
31-May-24			
Remarks:	* Due to Server Maintenance work by TNPCB, Data is not uploaded to TNPCB Server.		

For Coastal Energen Pvt. Limited

MK Parameswaran
Station Director





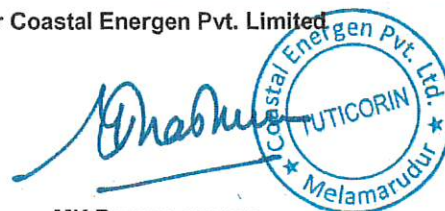
COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

DAILY EFFLUENT DISCHARGE FROM 01.05.2024 to 31.05.2024

DATE	ETP TREATED WATER (m3)	STP-1 TREATED WATER (m3)	STP-2 TREATED WATER (m3)
1-May-24	*	6.0	3.6
2-May-24	*	6.6	3.6
3-May-24	140.0	6.6	3.6
4-May-24	*	9.0	4.2
5-May-24	*	6.0	3.6
6-May-24	*	9.0	3.6
7-May-24	*	6.6	3.6
8-May-24	*	9.6	3.6
9-May-24	*	6.6	3.6
10-May-24	75.0	6.6	3.6
11-May-24	*	9.0	3.6
12-May-24	*	6.0	3.6
13-May-24	*	9.0	3.6
14-May-24	*	6.6	3.6
15-May-24	*	9.0	3.6
16-May-24	*	9.0	3.6
17-May-24	*	9.0	3.6
18-May-24	49.0	9.0	3.6
19-May-24	*	6.0	3.6
20-May-24	*	9.0	3.6
21-May-24	*	6.6	3.6
22-May-24	*	9.0	3.6
23-May-24	*	9.0	3.6
24-May-24	*	9.0	3.6
25-May-24	*	9.0	3.6
26-May-24	*	6.0	3.0
27-May-24	*	9.0	3.6
28-May-24	*	9.0	3.6
29-May-24	*	6.0	3.6
30-May-24	*	9.0	3.6
31-May-24	*	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 01.05.2024 TO 31.05.2024

Date	Sea Water Intake	Sea Water Outfall	Difference
1-May-24	31.0	33.6	2.6
2-May-24	31.1	33.8	2.7
3-May-24	30.9	33.8	2.9
4-May-24	30.5	33.9	3.4
5-May-24	30.4	34.1	3.7
6-May-24	30.2	34.0	3.8
7-May-24	30.4	33.9	3.5
8-May-24	30.1	33.8	3.7
9-May-24	30.3	33.6	3.3
10-May-24	30.4	33.6	3.2
11-May-24	29.9	33.1	3.2
12-May-24	30.3	33.3	3.0
13-May-24	29.5	33.0	3.5
14-May-24	30.2	32.7	2.5
15-May-24	30.3	33.2	2.9
16-May-24	29.8	32.7	2.9
17-May-24	28.8	32.1	3.3
18-May-24	29.3	32.6	3.3
19-May-24	29.2	32.6	3.4
20-May-24	29.4	32.7	3.3
21-May-24	29.6	33	3.4
22-May-24	29.8	32.5	2.7
23-May-24	29.2	32.6	3.4
24-May-24	29.2	32.4	3.2
25-May-24	29.4	32.3	2.9
26-May-24	29.2	32.7	3.5
27-May-24	29.0	33.0	4.0
28-May-24	29.0	33.0	4.0
29-May-24	30.6	33.7	3.1
30-May-24	30.6	33.7	3.1
31-May-24	30.4	33.6	3.2

Remarks:

Temperature difference of sea water intake and outfall temperature were with in the prescribed Limit of 5°C.

For Coastal Energen Pvt. Limited

MK Parameswaran
Station Director

