



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/2024-25/08

09.05.2024

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 01.04.2024 to 30.04.2024.

This is for your kind information and records.

Thanking You,

Yours faithfully,

For COASTAL ENERGEN PRIVATE LIMITED

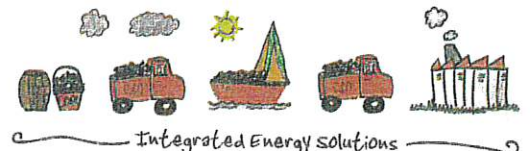

MK Parameswaran
Melamarudur

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 01.04.2024 to 30.04.24

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-Apr-24	24.8	35.8	29.7	1037	1041	1039	South East & West	1.2	21.2	7.2	54.2	92.2	76.6	0
2-Apr-24	25.3	36.7	30.7	1036	1040	1038	South East & South West	1.2	25.9	8.3	51.8	93	74.1	0
3-Apr-24	25.6	36.2	29.7	1038	1040	1039	South & South East	1.2	21.2	6.1	59.6	93.2	79.8	0
4-Apr-24	24.6	35.7	30.1	1037	1040	1039	South East & North West	1.2	23.9	7.9	58.8	95.8	78.5	0
5-Apr-24	24.7	37.1	30.8	1037	1040	1038	South East & North West	1.2	23.0	7.8	48.2	94.6	73.9	0
6-Apr-24	24.7	36.2	30.4	1036	1039	1038	South East & North	1.2	23.1	7.6	51.1	95.9	75.1	0
7-Apr-24	24.5	36.9	28.4	1036	1039	1038	North West & South East	1.2	16.4	4.3	50.6	95.4	81.8	0
8-Apr-24	28	36.1	32.5	1037	1040	1038	South East & East	1.2	27.2	12.6	51.5	86	68.3	0
9-Apr-24	25.6	34.4	30.1	1037	1040	1039	East & North East	1.2	23.9	8.4	54.4	91.2	74.7	0
10-Apr-24	25.8	34.9	30.3	1037	1040	1038	East & North West	1.2	24.7	8.9	55.2	87.2	72.6	0
11-Apr-24	26	35.1	30.6	1037	1041	1039	East & North West	1.2	22.6	9.5	51.9	85	72.7	0
12-Apr-24	24.2	33.7	29.1	1037	1040	1039	East & North East	1.2	27.7	8.4	64.9	97	80.1	0
13-Apr-24	25.3	35.2	29.8	1038	1041	1039	North West & East	1.2	20.1	7.1	53.2	97.3	77.3	1.0
14-Apr-24	25.9	35.6	30.3	1037	1041	1039	East & North West	1.5	24.2	9.8	55.5	92.5	75.4	0
15-Apr-24	26.0	35.2	29.4	1038	1041	1039	East & North East	1.2	24.5	7.6	57.8	91.3	79.7	0
16-Apr-24	25.5	35.3	29.4	1038	1040	1039	East & North West	1.2	20.3	5.2	56.4	98.3	81.8	1.5
17-Apr-24	25.2	35.9	30.6	1037	1041	1039	South East & South	1.2	22.5	8.9	54.1	97.8	76.3	0
18-Apr-24	24.9	36.2	30.8	1036	1039	1038	South East & South	1.2	24.7	9.1	55.9	95.8	76.8	0
19-Apr-24	25.8	37.5	31.5	1035	1039	1037	South East & South	1.2	27.1	7.5	55.1	95.7	75.6	0
20-Apr-24	25.8	38.5	31.5	1035	1038	1037	West & South East	1.2	27.1	7.7	44.5	94.7	75.8	0
21-Apr-24	25.7	35.8	30.5	1036	1039	1037	North West & South East	1.2	22.9	7.0	58.2	96.1	80.6	0
22-Apr-24	25	36.7	30.9	1036	1039	1038	South East & North West	1.2	23.2	7.4	49.7	96.9	75.8	0
23-Apr-24	26.3	36.4	30.7	1036	1039	1037	South East & East	1.2	22.5	7.7	51.4	94.1	77.6	0
24-Apr-24	25.4	37	31.1	1036	1038	1037	South East & East	1.2	22.2	6.9	46.7	96	73.4	0
25-Apr-24	24.6	36.7	30.5	1036	1039	1037	South East & North West	1.2	20.6	6.4	50.6	94.4	75.5	0
26-Apr-24	25.1	37.5	30.9	1036	1039	1037	South East & East	1.2	20.5	6.3	49.3	93.8	73.4	0
27-Apr-24	24.9	36.4	30.8	1036	1039	1037	East & South East	1.2	21.4	6.5	51.1	93.9	73.3	0
28-Apr-24	26.4	37	31.8	1036	1039	1037	South East & West	1.2	21.1	6.9	54	87.8	73.5	0
29-Apr-24	27.4	38	32.4	1036	1040	1038	South East & East	1.2	24.7	7.4	48.5	89.9	71.0	0
30-Apr-24	27.7	37.8	32.4	1036	1039	1038	South East & South	1.2	28.6	9.0	52.6	88.2	71.9	0
Remarks:	Total Rainfall for the month			2.5 mm.			Rainfall Recorded on 13 & 16th April.							

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 01.04.2024 to 30.04.2024

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/m³	NOx 80 µg/m³	PM10 100 µg/m³	PM2.5 60 µg/m³	CO 02 mg/m³		SO2 80 µg/m³	NOx 80 µg/m³	PM10 100 µg/m³	PM2.5 60 µg/m³	CO 02 mg/m³		SO2 80 µg/m³	NOx 80 µg/m³	PM10 100 µg/m³	PM2.5 60 µg/m³	CO 02 mg/m³		SO2 80 µg/m³	NOx 80 µg/m³	PM10 100 µg/m³	PM2.5 60 µg/m³	CO 02 mg/m³	
CAAQM STANDARD	6.0	10.0	90.0	36.0	0.7		7.0	13.0	36.0	6.0	0.8		10.0	11.0	24.0	8.0	0.4		10.0	10.0	53.0	32.0	0.7	
1-Apr-24	6.0	11.0	75.0	24.0	0.7		8.0	14.0	61.0	9.0	0.8		10.0	11.0	41.0	10.0	0.4		10.0	10.0	61.0	35.0	0.6	
2-Apr-24	6.0	10.0	88.0	26.0	0.7		8.0	14.0	55.0	9.0	0.6		10.0	11.0	29.0	9.0	0.3		10.0	10.0	61.0	36.0	0.7	
3-Apr-24	6.0	10.0	84.0	21.0	0.7		8.0	14.0	46.0	7.0	0.7		10.0	10.0	36.0	9.0	0.4		10.0	10.0	58.0	35.0	0.5	
4-Apr-24	5.0	11.0	79.0	33.0	0.8		8.0	13.0	62.0	8.0	0.6		10.0	8.0	29.0	9.0	0.4		10.0	10.0	53.0	31.0	0.8	
5-Apr-24	5.0	10.0	85.0	31.0	0.7		11.0	12.0	60.0	7.0	0.6		10.0	8.0	29.0	10.0	0.4		10.0	10.0	66.0	35.0	0.7	
6-Apr-24	6.0	11.0	109.3	16.0	0.8		11.0	13.0	56.0	8.0	0.7		10.0	8.0	36.0	13.0	0.5		10.0	10.0	77.0	35.0	0.7	
7-Apr-24	6.0	9.0	98.0	28.0	0.8		13.0	13.0	74.0	9.0	0.8		11.0	8.0	39.0	12.0	0.4		10.0	10.0	76.0	41.0	0.8	
8-Apr-24	6.0	7.0	87.0	19.0	0.8		12.0	11.0	52.0	7.0	0.8		10.0	8.0	41.0	9.0	0.4		9.0	10.0	56.0	37.0	0.7	
9-Apr-24	6.0	7.0	95.0	25.0	0.7		10.0	11.0	43.0	11.0	0.2		10.0	8.0	31.0	13.0	0.3		9.0	10.0	67.0	53.0	0.7	
10-Apr-24	5.0	8.0	67.0	13.0	0.8		8.0	9.0	44.0	5.0	0.6		8.0	7.0	19.0	6.0	0.3		8.0	9.0	46.0	37.0	0.3	
11-Apr-24	6.0	9.0	56.0	21.0	0.7		9.0	10.0	31.0	7.0	0.4		9.0	9.0	24.0	9.0	0.3		9.0	10.0	43.0	32.0	0.6	
12-Apr-24	6.0	7.0	94.0	26.0	0.8		9.0	12.0	34.0	4.0	0.4		11.0	8.0	16.0	5.0	0.3		10.0	10.0	39.0	25.0	0.2	
13-Apr-24	7.0	7.0	94.0	34.0	0.9		9.0	12.0	49.0	8.0	0.3		11.0	8.0	20.0	8.0	0.3		10.0	10.0	50.0	38.0	0.4	
14-Apr-24	6.0	7.0	64.0	26.0	0.9		8.0	12.0	36.0	6.0	0.4		10.0	11.0	16.0	7.0	0.3		10.0	10.0	40.0	36.0	0.3	
15-Apr-24	6.0	8.0	53.0	22.0	0.8		8.0	13.0	30.0	5.0	0.3		11.0	20.0	19.0	5.0	0.4		10.0	10.0	41.0	86.0	0.4	
16-Apr-24	6.0	7.0	86.0	21.0	0.6		9.0	14.0	49.0	4.0	0.4		11.0	24.0	21.0	7.0	0.3		10.0	10.0	50.0	22.0	0.3	
17-Apr-24	4.0	6.0	74.0	30.0	0.5		10.0	13.0	61.0	6.0	0.2		11.0	20.0	31.0	9.0	0.3		10.0	10.0	59.0	30.0	0.3	
18-Apr-24	6.0	5.0	72.0	32.0	0.4		9.0	14.0	71.0	11.0	0.2		11.0	21.0	34.0	11.0	0.4		10.0	10.0	62.0	47.0	0.4	
19-Apr-24	6.0	5.0	53.0	34.0	0.5		9.0	15.0	66.0	12.0	0.2		11.0	19.0	33.0	12.0	0.4		10.0	10.0	67.0	48.0	0.8	
20-Apr-24	6.0	5.0	52.0	43.0	0.5		9.0	15.0	64.0	12.0	0.2		11.0	19.0	34.0	13.0	0.4		10.0	10.0	75.0	47.0	0.4	
21-Apr-24	4.0	5.0	61.0	45.0	0.6		9.0	16.0	81.0	11.0	0.2		11.0	18.0	35.0	14.0	0.3		11.0	10.0	76.0	69.0	0.3	
22-Apr-24	5.0	5.0	58.0	41.0	0.5		9.0	14.0	60.0	11.0	0.2		11.0	16.0	25.0	10.0	0.4		11.0	10.0	61.0	42.0	0.4	
23-Apr-24	6.0	5.0	63.0	12.0	0.5		9.0	14.0	41.0	12.0	0.1		11.0	16.0	34.0	10.0	0.4		11.0	10.0	76.0	47.0	0.4	
24-Apr-24	6.0	5.0	59.0	38.0	0.5		8.0	14.0	62.0	9.0	0.4		8.0	12.0	32.0	12.0	0.4		11.0	10.0	68.0	43.0	0.4	
25-Apr-24	5.0	6.0	44.0	26.0	0.4		8.0	15.0	69.0	10.0	0.4		5.0	11.0	51.0	16.0	0.4		10.0	10.0	75.0	44.0	0.6	
26-Apr-24	7.0	8.0	97.0	32.0	0.5		7.0	14.0	54.0	9.0	0.4		5.0	8.0	51.0	15.0	0.5		9.0	10.0	63.0	23.0	0.6	
27-Apr-24	7.0	8.0	73.0	30.0	0.5		6.0	14.0	55.0	8.0	0.3		5.0	9.0	27.0	8.0	0.3		6.0	10.0	50.0	32.0	0.8	
28-Apr-24	7.0	8.0	88.0	26.0	0.5		7.0	13.0	48.0	7.0	0.2		5.0	9.0	28.0	8.0	0.3		6.0	10.0	62.0	37.0	0.8	
29-Apr-24	7.0	8.0	85.0	28.0	0.4		6.0	17.0	37.0	7.0	0.2		5.0	9.0	26.0	7.0	0.4		6.0	10.0	50.0	29.0	0.8	

Remarks: Nil

For Coastal Energen Pvt. Limited
MK Parameswaran
Station Director
Melanthur



COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

STACK EMISSION MONITORING REPORT

Daily Average from 01.04.2024 to 30.04.2024

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-Apr-24	48	172	142	34	181	139
2-Apr-24	46	186	174	41	198	173
3-Apr-24	49	196	191	40	159	214
4-Apr-24	49	199	210	34	150	201
5-Apr-24	44	182	149	35	183	178
6-Apr-24	38	176	131	40	187	208
7-Apr-24	39	196	146	40	155	169
8-Apr-24	43	149	139	39	192	182
9-Apr-24	44	169	169	38	189	188
10-Apr-24	49	157	174	38	202	173
11-Apr-24	40	181	176	39	191	171
12-Apr-24	46	200	236	41	178	170
13-Apr-24	48	199	201	39	191	179
14-Apr-24	44	219	273	38	172	145
15-Apr-24	46	214	261	36	187	179
16-Apr-24	48	186	211	42	193	162
17-Apr-24	48	198	226	44	202	133
18-Apr-24	Unit not in operation			42	169	132
19-Apr-24				41	108	107
20-Apr-24				43	147	124
21-Apr-24				39	155	107
22-Apr-24	40	193	205	34	177	123
23-Apr-24	39	191	232	41	179	141
24-Apr-24	41	186	201	41	203	179
25-Apr-24	41	168	225	45	211	182
26-Apr-24	42	165	235	36	172	163
27-Apr-24	40	186	226	37	188	156
28-Apr-24	39	146	193	40	187	197
29-Apr-24	36	186	214	42	193	182
30-Apr-24	37	184	210	43	198	163
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 01.04.2024 to 30.04.2024

Date	ETP TREATED WATER QUALITY		
	Temperature (40 °C)	TSS (100 mg/Lit)	pH (5.5 to 9)
1-Apr-24	*	*	*
2-Apr-24	*	*	*
3-Apr-24	*	*	*
4-Apr-24	*	*	*
5-Apr-24	*	*	*
6-Apr-24	*	*	*
7-Apr-24	*	*	*
8-Apr-24	*	*	*
9-Apr-24	*	*	*
10-Apr-24	*	*	*
11-Apr-24	*	*	*
12-Apr-24	*	*	*
13-Apr-24	*	*	*
14-Apr-24	*	*	*
15-Apr-24	*	*	*
16-Apr-24	*	*	*
17-Apr-24	*	*	*
18-Apr-24	*	*	*
19-Apr-24	*	*	*
20-Apr-24	*	*	*
21-Apr-24	*	*	*
22-Apr-24	*	*	*
23-Apr-24	*	*	*
24-Apr-24	*	*	*
25-Apr-24	*	*	*
26-Apr-24	*	*	*
27-Apr-24	*	*	*
28-Apr-24	*	*	*
29-Apr-24	*	*	*
30-Apr-24	*	*	*
Remarks:	* Due to Server Maintenance taken by TNPCB, Data 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 01.04.2024 to 30.04.2024

DATE	ETP TREATED WATER (m3)	STP-1 TREATED WATER (m3)	STP-2 TREATED WATER (m3)
1-Apr-24	*	9.0	3.6
2-Apr-24	*	6.6	3.6
3-Apr-24	*	9.0	3.6
4-Apr-24	*	9.0	3.6
5-Apr-24	121.0	9.0	3.6
6-Apr-24	*	9.0	3.6
7-Apr-24	*	6.0	3.6
8-Apr-24	*	9.0	3.6
9-Apr-24	63.0	6.6	3.6
10-Apr-24	*	9.0	3.6
11-Apr-24	*	4.8	3.6
12-Apr-24	184.0	9.0	3.6
13-Apr-24	79.0	9.0	3.0
14-Apr-24	*	6.0	3.6
15-Apr-24	*	6.6	3.6
16-Apr-24	*	9.0	3.6
17-Apr-24	*	9.0	3.6
18-Apr-24	*	9.0	3.6
19-Apr-24	82.0	9.0	3.6
20-Apr-24	*	9.0	4.2
21-Apr-24	*	6.0	3.6
22-Apr-24	*	9.0	3.6
23-Apr-24	*	9.0	3.6
24-Apr-24	*	9.0	3.6
25-Apr-24	*	6.0	3.6
26-Apr-24	*	9.0	3.6
27-Apr-24	*	9.0	3.6
28-Apr-24	*	6.0	3.6
29-Apr-24	*	9.0	3.6
30-Apr-24	*	9.0	3.6
Remarks:	* No Effluent Generation.		

For Coastal Energen Pvt. Limited


MK Parameswaran
Station Director





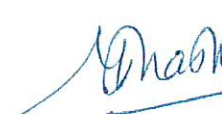
COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

SEA WATER INTAKE & OUTFALL TEMPERATURE DIFFERENCE FROM 01.04.2024 TO 30.04.2024

Date	Sea Water Intake	Sea Water Outfall	Difference
1-Apr-24	29.79	32.78	2.99
2-Apr-24	29.86	33.11	3.25
3-Apr-24	29.84	33.05	3.21
4-Apr-24	29.7	33.6	3.9
5-Apr-24	30.3	33.4	3.1
6-Apr-24	30.8	*	*
7-Apr-24	31	*	*
8-Apr-24	30.8	*	*
9-Apr-24	30.8	*	*
10-Apr-24	31.9	*	*
11-Apr-24	30.7	33.2	2.5
12-Apr-24	30.1	32.3	2.2
13-Apr-24	30.7	32.9	2.2
14-Apr-24	30.8	32.9	2.1
15-Apr-24	30	32.6	2.6
16-Apr-24	30.3	32.8	2.5
17-Apr-24	30.5	33.3	2.8
18-Apr-24	30.6	33.6	3
19-Apr-24	30.7	33.6	2.9
20-Apr-24	30.8	33.9	3.1
21-Apr-24	30.9	33.6	2.7
22-Apr-24	30.8	33.5	2.7
23-Apr-24	30.9	33.4	2.5
24-Apr-24	30.8	33.5	2.7
25-Apr-24	31.1	33.5	2.4
26-Apr-24	31.3	33.7	2.4
27-Apr-24	31.2	33.7	2.5
28-Apr-24	31.2	33.7	2.5
29-Apr-24	31.3	33.8	2.5
30-Apr-24	30.8	33.8	3
Remarks:	* Outfall Temperature Sensor Problem. Erratic Values recorded. 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

