



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/2024-25/28

06.08.2024

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 01.07.2024 to 31.07.2024.

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



Integrated Energy Solutions





**COASTAL ENERGEN PRIVATE LIMITED**  
 2 X 600 MW MUTIARA THERMAL POWER PLANT  
**METROLOGICAL STATION REPORT**

Daily Average from 01.07.2024 to 31.07.24

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-Jul-24	27.8	37.1	32.1	1035.6	1038.9	1037.6	East & North East	1.2	27.9	9.8	40.2	75.5	58.5	0	
2-Jul-24	25.2	36.9	30.7	1035.2	1038	1036.8	North West & South East	1.2	27.1	6.4	44.1	85	69.6	0	
3-Jul-24	27.5	37.4	32.3	1034.5	1038.5	1037	South East & South	1.2	20.3	8.5	41	76.9	60.3	0	
4-Jul-24	26.2	36.7	31.1	1036	1038.8	1037.5	South & North West	1.2	26.7	7.5	42.8	89.2	66.5	0	
5-Jul-24	25.9	38.7	31.2	1035	1038.1	1036.8	South & North West	1.2	28.0	9.2	39.7	84.5	64.3	0	
6-Jul-24	27.3	37.3	31.6	1034.8	1037.9	1036.6	South & North East	2.0	22.2	9.7	37.9	69.8	56.4	0	
7-Jul-24	28.3	37.8	32.5	1034.4	1037.7	1036.3	East & South	2.3	26.4	11.0	39.2	70.7	55.8	0	
8-Jul-24	28	38	31.5	1034.8	1037.1	1036.1	East & South East	1.6	26.9	12.3	34.9	68.1	55.4	0	
9-Jul-24	27.1	37.5	31.6	1035.8	1038.4	1036.9	East & South East	1.2	28.5	11.2	38.3	72.5	57.2	0	
10-Jul-24	27.9	39.9	32.4	1013.4	1039.5	1038.1	East & South East	1.7	25.3	11.3	33.1	75.5	55.8	0	
11-Jul-24	28.2	37.1	30.5	1013.4	1039.2	1037.5	South & East	1.2	26.3	8.2	37.8	91.7	69.0	0	
12-Jul-24	27.3	38.3	30.4	1014.2	1038.1	1037.1	East & South East	1.2	34.8	9.5	39.4	80.3	64.0	0	
13-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
14-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
15-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
16-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
17-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
18-Jul-24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
19-Jul-24	29.3	36.4	31.2	1034.7	1037.4	1036.1	South & South East	1.4	39.9	19.1	40.3	63.2	51.8	0	
20-Jul-24	28.9	35.4	31.3	1035.2	1037.5	1036.3	East & South East	5.5	30.0	14.5	44.2	64.9	56.9	0	
21-Jul-24	28.8	36.7	32.4	1035.6	1038.2	1037.0	South East & South	4.9	25.3	14.3	39.1	66.8	51.9	0	
22-Jul-24	28.1	35.4	31.2	1036.8	1039.4	1038	South & South East	1.6	23.4	11.8	43.5	68	58.6	0	
23-Jul-24	28.1	38.7	32.7	1036.2	1039.2	1038.1	South & South East	1.2	25.3	11.7	37.6	73.2	56.0	0	
24-Jul-24	28.4	40.1	30.5	1034.6	1038.6	1036.9	South & South East	1.4	26.6	11.2	31	70.1	52.8	0	
25-Jul-24	27.6	36.8	29.6	899.9	1037.8	989.5	South & South East	1.2	37.1	10.1	36.4	66.4	37.5	0	
26-Jul-24	28.6	38.1	32.2	1034.4	1037.9	1036.4	South & South East	5.2	30.7	14.9	39.5	70	56.9	0	
27-Jul-24	28.8	39	32.6	1034.6	1037.8	1036.4	South & South West	2.0	25.2	10.6	35.5	67.5	55.5	0	
28-Jul-24	28.7	36.3	31.4	1034.1	1037.4	1035.9	South & South West	4.8	29.0	13.8	41.7	69.2	59.2	0	
29-Jul-24	28.7	34.9	31.1	1034	1037.5	1035.5	South & South West	5.9	39.8	18.1	47.6	70.8	60.3	0	
30-Jul-24	28.4	36.1	31	1035.6	1038.3	1036.9	South & South West	2.5	38.9	13.7	42	71.3	59.6	0	
31-Jul-24	28.6	38.1	31.9	1036.3	1038.9	1037.8	South & South East	2.4	33.6	13.2	38.3	67.6	56.9	0	
Remarks:	Total Rainfall for the month 0.0 mm. * Due to main incoming electrical power supply issue, data not recorded.														

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 01.07.2024 to 31.07.2024

Date	STATION-1 (Near Main Office)					STATION-2 (Near Batching Plant)					STATION-3 (Near Crusher House)					STATION-4 (Sea Water Pump House)				
	SO2 µg/m³	NOX µg/m³	PM10 µg/m³	PM2.5 µg/m³	CO mg/m³	SO2 µg/m³	NOX µg/m³	PM10 µg/m³	PM2.5 µg/m³	CO mg/m³	SO2 µg/m³	NOX µg/m³	PM10 µg/m³	PM2.5 µg/m³	CO mg/m³	SO2 µg/m³	NOX µg/m³	PM10 µg/m³	PM2.5 µg/m³	CO mg/m³
1-Jul-24	6.0	8.3	35.0	8.0	0.5	10.2	17.2	28.0	3.0	0.4	2.5	10.7	10.0	4.0	0.5	5.7	9.2	50.0	10.6	0.9
2-Jul-24	6.3	8.2	41.0	9.0	0.6	10.1	17.0	35.0	2.0	0.5	2.5	10.7	13.0	3.0	0.5	6.4	5.1	64.0	2.7	0.9
3-Jul-24	6.4	7.9	25.0	9.0	0.5	10.3	16.0	32.0	2.0	0.5	3.9	10.7	10.0	#	0.5	6.6	9.7	52.0	11.2	0.9
4-Jul-24	6.7	8.0	50.0	12.0	0.5	10.6	15.0	39.0	3.0	0.5	6.9	11.0	13.0	#	0.6	7.0	9.7	67.0	6.3	0.9
5-Jul-24	6.5	8.0	36.0	9.0	0.5	10.4	14.0	38.0	2.0	0.5	7.1	10.6	17.0	#	0.6	7.2	9.4	72.0	78.9	0.9
6-Jul-24	6.6	8.1	24.0	9.0	0.5	10.2	14.0	33.0	4.0	0.4	6.5	10.6	11.0	#	0.4	7.5	9.6	63.0	11.1	0.9
7-Jul-24	6.6	8.0	25.0	7.0	0.5	10.1	13.6	28.0	2.0	0.4	6.2	10.6	11.0	#	0.4	7.3	9.5	43.0	11.1	0.8
8-Jul-24	6.7	8.0	29.0	9.0	0.5	10.1	13.8	35.0	2.0	0.4	5.6	10.6	13.0	#	0.4	7.8	9.6	52.0	10.0	0.9
9-Jul-24	6.7	8.0	26.0	6.0	0.5	10.3	13.0	34.0	2.0	0.5	5.4	10.6	12.0	#	0.5	7.8	8.6	52.0	12.9	0.9
10-Jul-24	6.5	7.9	34.0	12.0	0.6	10.6	13.4	26.0	4.0	0.5	5.4	10.6	13.0	#	0.5	7.9	9.5	68.0	13.8	0.9
11-Jul-24	6.6	7.9	51.0	17.0	0.6	11.7	14.3	47.0	6.0	0.5	5.3	10.6	16.0	#	0.5	7.8	9.3	59.0	29.6	0.9
12-Jul-24	6.7	8.0	41.0	13.0	0.6	11.5	13.9	48.0	4.0	0.5	5.4	10.6	42.0	#	0.6	7.8	9.6	57.0	10.6	0.9
13-Jul-24	6.6	8.0	33.0	11.0	0.6	11.3	13.1	34.0	2.0	0.5	5.0	10.6	24.0	#	0.6	8.0	9.7	59.0	12.0	0.8
14-Jul-24	*	*	*	*	*	11.6	12.5	30.0	2.0	0.5	4.8	10.6	25.0	#	0.6	8.0	9.7	51.0	11.0	0.8
15-Jul-24	*	*	*	*	*	11.6	12.2	24.0	3.0	0.5	4.9	10.6	22.0	#	0.5	8.2	9.7	48.0	10.0	0.8
16-Jul-24	*	*	*	*	*	11.4	12.6	26.0	4.0	0.5	4.7	10.5	24.0	#	0.5	8.7	9.2	48.0	0.0	0.8
17-Jul-24	8.7	7.3	39.0	11.0	0.5	11.2	12.7	25.0	2.0	0.5	5.1	8.8	18.0	#	0.5	9.5	9.7	32.0	7.0	0.6
18-Jul-24	9.9	7.6	37.2	8.0	0.4	11.4	12.8	30.0	3.0	0.5	6.4	6.5	29.0	#	0.6	10.1	9.7	39.0	8.0	0.6
19-Jul-24	10.2	7.7	36.1	15.0	0.4	10.7	13.1	36.0	2.0	0.5	6.3	5.1	36.0	#	0.6	10.0	9.7	41.0	9.0	0.6
20-Jul-24	8.7	7.6	28.0	12.0	0.3	7.9	11.0	39.0	2.0	0.6	6.0	5.2	24.0	#	0.6	10.0	9.7	46.0	12.0	0.6
21-Jul-24	5.2	7.6	32.0	21.0	0.4	7.8	11.1	36.0	2.0	0.6	5.7	5.2	31.0	#	0.6	10.8	9.7	45.0	12.0	0.6
22-Jul-24	5.3	3.8	26.0	12.0	0.6	8.2	11.9	28.0	2.0	0.6	5.7	5.3	20.0	#	0.6	11.0	9.7	29.0	9.0	0.6
23-Jul-24	5.4	7.7	21.0	4.0	0.5	8.0	11.0	13.0	3.0	0.6	5.7	8.3	20.0	#	0.6	11.4	9.7	32.0	8.0	0.6
24-Jul-24	5.4	7.7	27.0	6.0	0.3	7.3	11.5	30.0	2.0	0.6	5.5	9.3	11.0	#	0.2	11.9	9.7	38.0	10.0	0.6
25-Jul-24	5.4	7.7	18.0	5.0	0.3	7.4	12.4	24.0	4.0	0.6	5.4	16.3	27.0	#	0.3	12.4	9.4	21.0	10.0	0.6
26-Jul-24	5.5	7.7	23.0	8.0	0.3	7.4	13.3	28.0	2.0	0.6	5.6	16.3	27.0	#	0.3	12.5	9.2	43.0	9.0	0.8
27-Jul-24	5.5	7.7	24.0	8.0	0.3	7.5	11.9	27.0	2.0	0.6	5.6	16.4	21.0	#	0.3	15.6	8.9	43.0	10.0	0.8
28-Jul-24	5.4	7.5	17.0	6.0	0.2	7.5	11.2	21.0	5.0	0.6	5.7	16.4	20.0	#	0.3	19.5	9.6	42.0	27.0	0.8
29-Jul-24	5.4	7.8	26.0	8.0	0.2	7.5	11.2	32.0	2.0	0.6	5.6	16.2	29.0	#	0.3	18.4	9.3	55.0	13.0	0.8
30-Jul-24	5.2	7.8	26.0	10.0	0.2	7.3	10.7	29.0	2.0	0.7	5.7	16.1	18.0	#	0.3	14.1	8.9	45.0	13.0	0.8
31-Jul-24	5.3	7.9	25.0	10.0	0.2	7.4	11.3	30.0	3.0	0.7	5.5	16.4	16.0	#	0.3	12.6	9.6	43.0	11.0	0.9

**Remarks:** \* Due to main incoming electrical power supply issue, data not recorded. # Due to analyser issue data not available

For Coastal Energen Pvt. Limited







# COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

## STACK EMISSION MONITORING REPORT

Daily Average from 01.07.2024 to 31.07.2024

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-Jul-24				40	183	149
2-Jul-24				41	184	146
3-Jul-24				43	179	161
4-Jul-24				43	185	156
5-Jul-24				44	195	153
6-Jul-24				43	187	129
7-Jul-24				45	164	108
8-Jul-24				44	175	109
9-Jul-24				45	168	108
10-Jul-24				46	167	113
11-Jul-24				45	151	100
12-Jul-24				47	142	132
13-Jul-24				49	160	102
14-Jul-24				48	193	99
15-Jul-24				48	167	157
16-Jul-24				45	151	149
17-Jul-24				48	182	172
18-Jul-24				48	211	141
19-Jul-24				47	189	151
20-Jul-24				48	169	146
21-Jul-24				49	178	115
22-Jul-24				46	201	166
23-Jul-24				49	206	126
24-Jul-24				48	198	147
25-Jul-24				47	204	150
26-Jul-24				48	208	140
27-Jul-24				49	132	125
28-Jul-24				39	150	106
29-Jul-24				43	188	111
30-Jul-24				48	215	126
31-Jul-24				46	178	133
Remarks:	Unit not in operation					
Remarks:	Nil					

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 01.07.2024 to 31.07.2024

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

For Coastal Energen Pvt. Limited

  
MK Parameswaran  
Station Director







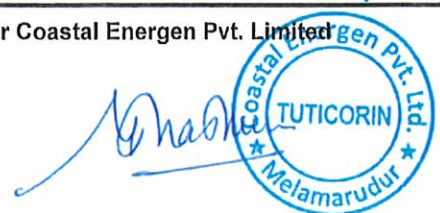
# COASTAL ENERGEN PRIVATE LIMITED

2 X 600 MW MUTIARA THERMAL POWER PLANT

DAILY EFFLUENT DISCHARGE FROM 01.07.2024 to 31.07.2024

DATE	ETP TREATED WATER (m3)	STP-1 TREATED WATER (m3)	STP-2 TREATED WATER (m3)
1-Jul-24	*	9.0	3.6
2-Jul-24	*	6.6	3.6
3-Jul-24	177.0	9.0	3.6
4-Jul-24	*	9.0	3.6
5-Jul-24	*	9.0	3.6
6-Jul-24	*	9.0	3.6
7-Jul-24	*	6.0	3.0
8-Jul-24	*	9.0	3.6
9-Jul-24	*	6.6	3.6
10-Jul-24	169.0	9.0	3.6
11-Jul-24	*	9.0	3.6
12-Jul-24	139.0	9.0	3.6
13-Jul-24	*	9.0	3.6
14-Jul-24	*	6.0	3.6
15-Jul-24	86.0	9.0	3.6
16-Jul-24	*	6.6	3.6
17-Jul-24	*	9.0	3.6
18-Jul-24	*	9.0	3.6
19-Jul-24	*	9.0	3.0
20-Jul-24	*	9.0	3.6
21-Jul-24	*	6.0	4.8
22-Jul-24	165.0	9.0	3.6
23-Jul-24	*	6.6	3.6
24-Jul-24	*	9.0	3.6
25-Jul-24	*	9.0	3.6
26-Jul-24	*	9.0	3.6
27-Jul-24	*	6.6	3.6
28-Jul-24	*	6.0	2.4
29-Jul-24	124.0	9.0	3.6
30-Jul-24	*	9.0	3.6
31-Jul-24	*	8.4	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 01.07.2024 TO 31.07.2024

Date	Sea Water Intake	Sea Water Outfall	Difference
1-Jul-24	29.2	32.4	3.2
2-Jul-24	29.5	32.6	3.1
3-Jul-24	29.7	33.1	3.4
4-Jul-24	29.8	33.1	3.3
5-Jul-24	29.9	33.2	3.3
6-Jul-24	29.6	33.3	3.7
7-Jul-24	29.4	33.4	4.0
8-Jul-24	29.3	33.1	3.8
9-Jul-24	29.2	33.1	3.9
10-Jul-24	29.1	33.2	4.1
11-Jul-24	29.3	33.7	4.4
12-Jul-24	29.6	33.5	3.9
13-Jul-24	29.5	33.0	3.5
14-Jul-24	29.7	33.2	3.5
15-Jul-24	29.4	32.8	3.4
16-Jul-24	29.2	32.6	3.4
17-Jul-24	29.1	32.8	3.7
18-Jul-24	29.4	32.8	3.4
19-Jul-24	29.6	33	3.4
20-Jul-24	29.4	32.8	3.4
21-Jul-24	29.5	33	3.5
22-Jul-24	29.3	33	3.7
23-Jul-24	29.7	33.5	3.8
24-Jul-24	29.3	33.4	4.1
25-Jul-24	29.4	33.1	3.7
26-Jul-24	29.6	33.4	3.8
27-Jul-24	29.1	33.6	4.5
28-Jul-24	29.7	33.3	3.6
29-Jul-24	29.6	33.1	3.5
30-Jul-24	29.3	33.2	3.9
31-Jul-24	29.4	33.6	4.2

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