

136th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 29.08.2025 (Friday)

Time: 04.00 P.M.

Venue:

**7th Floor, Conference Hall,
Environment, Climate Change &
Forests Department,
Namakkal Kavignar Maaligai,
Secretariat, Chennai - 600 009.**

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TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

136th MEETING

AGENDA

Date: 28.08.2025 (Thursday)
Time: 11.00 A.M.

Venue:
7th Floor, Conference Hall,
Environment, Climate Change &
Forests Department,
Namakkal Kavignar Maaligai,
Secretariat, Chennai - 600 009.

Agenda Item No. 01: **Confirmation of the minutes of the 135th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.06.2025**

The 135th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 19.06.2025 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1/1832/2024 dated 28.06.2025.

Agenda Item No.02: **The action taken on the decisions of 135th meeting of the Authority held on 19.06.2025.**

S. No	Subject	Action taken
01	Proposed establishment of Industrial Logistics Park at S. F. No. 1222(pt), 1225(pt), 1226(pt) of Elavur Village and 308(pt),309 (pt), 310(pt),311(pt), 312(pt), 313(pt), 314(pt), 315(pt), 321(pt), 322(pt) of Edur village, Gummidipoondi Taluk, Tiruvallur District by the M/s. Cloves Logistics Assests (Elavur) Private Limited, Chennai	As resolved by the Authority, the proposal has been recommended to SEIAA, for issuing Clearance, vide Letter No. P1 / 1678 / 2024 dated: 28.06.2025
02	Proposed construction of Sri Sundaramoorthy Swamigal Pilgrim Chathiram at S. F. No. 198/1, 199/2, 1444/23, Keela Tiruchendur Village, Tiruchendur Taluk in Thoothukudi district by the President, Reddy Jana	As resolved by the Authority, the proposal has been recommended to DTCP, for issuing Clearance, vide Letter No. P1/DOECC/617/2025 dated 28.06.2025

	Sangam, Vilathikulam, Thoothukudi district	
03	Two-day conference "National Conference on Environment 2025," organized by National Green Tribunal (NGT) held on 29 th and 30 th March 2025 at Vigyan Bhawan, New Delhi - Settlement of Travelling charges	As resolved by the Authority, the Member secretary, TNSCZMA has reimbursed the actual travel expenses incurred to the individual from the Coastal Zone Development fund.
04	Enhancement of Salary for GIS Cell Staff and Staff Assisting the Technical Expert Committee from the State Coastal Zone Management Authority Fund	As resolved by the Authority, the salary for the contract staffs of GIS Cell and TEC has been enhanced w.e.f. 01.07.2025.

Agenda Item No 3: Proposed Underground Sewerage scheme (UGSS) in Cuddalore City Municipal Corporation, Cuddalore, Cuddalore district by the Commissioner, Cuddalore City Municipal Corporation, Cuddalore (Single Window No. SW/252424/2025)

The District Environmental Engineer, TNPCB, Cuddalore has forwarded a proposal received from Commissioner, Cuddalore City Municipal Corporation, Cuddalore for the construction of Underground Sewerage scheme (UGSS) in Cuddalore City Municipal Corporation, Cuddalore, Cuddalore district. The EIA report prepared by M/s. ABC Techno Labs India Pvt Ltd, Chennai having NABET certificate valid upto 16.11.2025.

Need for the project:

The Project Proponent stated that Cuddalore Municipality, located in Cuddalore district is experiencing rapid urban growth. However, certain areas within the municipality still lack proper sewerage systems leading to inefficient waste water management and increased pollution in local water bodies. To address these issues a project has been proposed to implement an Underground Sewerage Scheme (UGSS) in these underserved regions, aimed at improving sanitation and environmental quality.

This scheme will involve the installation of an underground sewer network, covering the areas that are not currently serviced by the existing sewerage system. This includes laying sewer pipelines. Building manholes, setting up pumping stations and installing wastewater treatment facilities to ensure the effective and safe transport and processing of wastewater. The goal is to eliminate open drains, minimize the risk of contamination and enhance the overall drainage system.

Through the installation of this underground sewerage system, the project will significantly improve wastewater management in the municipality, promote environmental cleanliness and reduce the risk of water pollution in nearby water bodies. It will also play a key role in supporting the long-term urban development and sustainability of Cuddalore Municipality.

Project Description:

The proposed project focuses on enhancing the sewage management system in Cuddalore Municipality by implementing a comprehensive Underground Sewerage Scheme (UGSS) covering a total length of 144.74 km, along with a dedicated sewage treatment plant (STP) with a capacity of 12.89 million litres per day (MLD) at Devanampattinam. The project includes the installation of 5,177 machineholes, 10 lift stations. The project aims to provide a modern sewage collection network, house service connections and a treatment facility to ensure efficient wastewater management across the municipality.

(i) Proposed Project Components:

- Double Wall Corrugated (DWG) pipes will be used for diameters up to 300mm, while HDPE pipes will be utilized for diameters above 300mm.
- A total of 5,177 machine holes will be installed along with 10 lift stations and 4 pumping stations.
- The pumping mains will span 9.835 km, constructed with CI class LA pipes.
- A new 12.89 MLD Sewage Treatment Plant (STP) will be built at Devanampattinam with treated effluent disposed of into the Gadilam River through a 450 mm dia HDPE disposal pumping main.
- 14,000 house service connections will be provided and 4 new four control systems will be installed at the pumping stations.
- The project also includes the construction of two new pipe carrying bridges: 280 meters at Kamiyampettai and 50 meters at Uppanar River, Devanampattinam.

(ii) Size of the project:

- Laying of pipeline for a distance of **144.74 Km**
- Sewage Treatment Plant (STP) **8761 sq.km (12.89 MLD)**
- Pumping Station Area **(900 m²)**
- Lifting station area **(225 m²)**

(iii) Survey No's:

The Survey No's for STP, P.S, L.s and Disposal point which falls in CRZ zone is given below

PS-5	Block 46, S. No 1486
LS-10A	20/95
LS-10B	Block 6, 89/1B
LS-13B	Block 43, S.No.224/1
STP	Block 47, S.No.1500, 1501
Disposal point	1355
Inlet & Outlet crossing CRZ region	Block 77 S.No.3423 (Part), Uppanar River crossing - 1459 Block 47 S.No. 1501 (Part)

Project location:

The Boundary coordinates of the proposed site is given below

S. No	Point	Project Description	Latitude	Longitude	CRZ classification
1	A	Sewage Treatment Plant (STP)	11°45'8.44"N	79°46'48.34"E	CRZ II
2	B		11°45'8.13"N	79°46'50.69"E	
3	C		11°45'4.19"N	79°46'50.14"E	
4	D		11°45'4.50"N	79°46'47.80"E	
5	Pumping station (PS 5)		11°45'6.43"N	79°47'2.79"E	
6	Pumping station (PS 4)		11°45'19.87"N	79°46'43.46"E	Outside CRZ
7	Pumping station (PS 2)		11°46'10.20"N	79°46'7.01"E	
8	Pumping station (PS 11)		11°44'35.94"N	79°45'21.82"E	
9	Lifting station (LS 5A)		11°44'30.23"N	79°46'50.67"E	
10	Lifting station (LS 4A)		11°45'2.66"N	79°46'42.70"E	
11	Lifting station (LS 4B)		11°45'43.13"N	79°46'30.26"E	
12	Lifting station (LS 2A)		11°46'16.87"N	79°45'47.71"E	
13	Lifting station (LS 3A)		11°45'44.56"N	79°45'26.43"E	
14	Lifting station (LS 10A)		11°43'34.95"N	79°46'9.62"E	CRZ II
15	Lifting station (LS 13A)		11°43'8.01"N	79°46'36.06"E	

16	Lifting station (LS 13B)	11°42'50.38"N	79°46'42.95"E	
17	Lifting station (LS 11A)	11°44'20.00"N	79°44'33.83"E	
18	Lifting station (LS 10B)	11°43'31.95"N	79°46'35.78"E	

The proposed pipeline laying area co-ordinates:

S. No	Project description	Latitude	Longitude
1	Devanampattinam	11°44'44.86"N	79°47'1.69"E
2	Aanaikuppam	11°44'59.60"N	79°46'31.15"E
3	Pudukuppam	11°45'26.34"N	79°46'26.84"E
4	Uppalavadi	11°45'56.74"N	79°46'24.79"E
5	Pennaiyar Road Manjakuppam	11°46'7.67"N	79°45'59.72"E
6	Manjakuppam Velisammandalam	11°46'8.58"N	79°45'36.09"E
7	Semmandalam	11°45'40.18"N	79°44'58.42"E
8	Muthiaya Nagar, Thirupapuliur	11°44'45.07"N	79°45'16.77"E
9	Sellankuppam Cuddalore	11°43'48.27"N	79°45'42.34"E
10	Sothikuppam	11°43'42.12"N	79°46'24.41"E
11	Akkarai Gori	11°42'43.62"N	79°46'36.56"E
12	Sonakuppam	11°43'23.80"N	79°46'49.13"E

CRZ classification of the Proposed STP area:

S. No	Project Components	CRZ classification	Area in sq.m	Total Area in sq.m
1	Sewage Treatment Plant (STP)	CRZ-II	2227.23	8761
2	Outside CRZ	Outside CRZ	6533.77	

CRZ classification of the proposed pipeline

S. No	Project Components	CRZ classification	Length in Km	Total Length in Km
1	Sewerage pipeline	CRZ-II	26.77	144.74
2	Outside CRZ	Outside CRZ	117.97	

CRZ classification of the proposed Inlet and Outlet:

Description	CRZ classification	Length in meters	Total length in meters
Pumping Station (PS 4) to STP - (Inlet)	CRZ IB (Inter tidal areas)	7.87	927.59
	CRZ II	886.79	
	CRZ IVB	32.93	
STP to Disposal point - (Outlet)	CRZ IB (Intertidal areas)	30.92	2633.11
	CRZ II	255.86	
	CRZ IVB	53.57	
	Outside CRZ	2292.76	

Manpower requirement:

Construction phase: During construction phase, an average of 60 workers will be employed daily. The construction of the Underground Sewerage Scheme (UGSS) is scheduled to be completed over a period of 36 months.

Operation phase: During operation phase, 42 members will be employed.

Water requirement:

Construction Phase: Water requirement during construction phase will be 45 l/day for one person. The total drinking water requirement is drawn from the Tankers and common storage tank. The water requirement during construction phase, it is expected as 3.2 KLD which is sourced from local village panchayat.

Operation phase: Water requirement during operation phase will be 45 l/day for one person. The water requirement during operation phase, it is expected as 1.9 KLD which is sourced from local village panchayat.

Waste water Generation:

During construction phase it is expected about 2.8 KLD of wastewater generation. This Generated wastewater will be collected and treated through a bio septic tank with a capacity of 3 KLD, ensuring no discharge into the river.

During operation phase, approximately 1.7 KLD of wastewater generated and it will be discharged into the new sewer line network.

Solid Waste Management:

During construction phase:

S. No	Description	Total occupancy	Generation rate	Quantity(kg)
1	Workers	70	0.2	14
2	Total Waste Generation			14
3	Bio Degradable (60%)			8.4
4	Non- Bio Degradable (40%)			5.6

During Operation phase:

S. No	Description	Total occupancy	Generation rate	Quantity(kg)
1	Workers	42	0.2	8.4
2	Total Waste Generation			8.4
3	Bio Degradable (60%)			5.04
4	Non- Bio Degradable (40%)			3.36

Power requirement:

The power supply is sourced from TANGEDCO ensuring a stable and reliable electrical supply for the facility. This power supply is sufficient to meet the construction & operational demands.

During the operational phase, the Sewage Treatment Plant (STP) will require approximately 350 kW of power. To support sustainable energy practices, 20 solar lights will be installed within the premises, and solar panels will be mounted on the administrative block of the STP, generating around 5 kW of renewable energy.

For emergency power backup, a 350 kVA Diesel Generator (DG) set will be installed at the STP. This DG set will be equipped with a 3-meter high exhaust stack and integrated acoustic enclosures, in compliance with CPCB/TNPCB standards.

For the Pumping Station (PS-5), a 30 kW power supply is required. A 30 kVA DG set will be installed as backup, equipped with a 2-meter high stack for emissions control.

For the lifting stations, a 7.5 kW power supply is necessary to ensure proper operation. High-Speed Diesel (HSD), the fuel used for all DG sets, will be sourced from local suppliers

Green belt development:

To ensure effective noise and dust mitigation while enhancing the aesthetic and ecological value of the site, tree plantation will be carried out in all open areas of the STP premises. The objective is to create a dense tree cover that acts as a natural sound and dust barrier.

A greenbelt area of 500 sq.m is proposed within the STP site. This greenbelt will be developed along the entire periphery of the project area, as well as along internal and approach roads, to ensure continuous and uniform vegetative coverage.

CRZ Classification and Project Cost:

The project site falls in CRZ-IB, CRZ-II, CRZ-IVB and outside CRZ area. The total cost of the project is Rs. 173.39 crores as per G.O. No. 71, Municipal Administration and Water Supply (MA2) Department, dated 20.05.2024.

Recommendation of DCZMA of Cuddalore district:

The DCZMA meeting of Cuddalore district held on 06.06.2025 and the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. Prior planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and Para 8(i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
3. The proposed construction shall not disturb the land and marine ecology.
4. The proposed activity shall not interfere with the fishermen, Marine patrol & public movement at any point of time. Also, the fishing boats movement shall also not be hindered.
5. There shall be no withdrawal of groundwater in Coastal Regulation Zone area for this project. In case any ground water is proposed to be withdrawn from outside the CRZ area, specific prior permission from the concerned State/Central Groundwater board shall be obtained in this regard.
6. The proponent should lay the pipeline using HDD method across the canals, creeks, water bodies etc.
7. The proponent should consider all measure to prevent the leakage of treated water to natural water bodies while operation.

8. All mitigation measures listed in the Environmental Impact Assessment (EIA) report must be implemented without any deviations.
9. The project proponent must ensure the incorporation of the latest safety features and protocols for the safe operation of the proposed project activity. Proper Standard Operating Procedures (SOPs) for safety must be established and followed diligently.
10. Topsoil excavated during construction activities shall be stored for use in horticulture/landscape development etc., within the project site.
11. Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
12. Temporary toilets will be provided for all construction labour. Suitable toilet fixtures for water conservation shall be provided. Fixtures for showers, toilet flushing and drinking should be low flow either by use of aerators or pressure reducing devices or sensor-based control.
13. Construction material and structures/scaffoldings erected for construction at site shall be cleared immediately after finishing construction and it shall be ensured that no construction waste, garbage and machinery or equipment are left post construction.
14. The Project proponent shall comply order/direction, if any, issued by Hon'ble Court / tribunal on the project.
15. All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.
16. The waste water generated from the activity shall be collected, treated and reused properly.
17. Installation and operation of DG set, if any, shall comply with the guidelines of CPCB. The diesel required for operating DG sets shall be stored in underground tanks and if required, Clearance from Chief Controller of Explosives shall be taken.
18. Fire station shall be located within the project area
19. The Hazardous waste generated shall be properly collected and handled as per the provisions of Hazardous and Other Wastes (Management) and Transboundary Movement) Rules, 2016.
20. No Solid Waste shall be disposed of in the Coastal Regulatory Zone area The Solid Waste shall be properly collected segregated and disposed as per the provision of Solid Waste Management Rules 2016
21. No hazardous chemicals shall be stored in the Coastal Regulation Zone area
22. The project proponent shall undertake green belt development all along the periphery of the project area and also alongside the road
23. All necessary clearances from the concerned agencies shall be obtained before initiating the project.

24. Specific arrangements for rainwater harvesting shall be made in the project design and the rain water so harvested shall be optimally utilized.
25. The facilities to be constructed in the CRZ area as part of this project shall be strictly in conformity with the provisions of the CRZ Notification, 2011 and its amendment. The facilities such as office building and residential buildings which do not require water front and foreshore facilities shall not be constructed within the Coastal Regulation Zone area.
26. The turtle breeding sites, sand dunes, coral reef and mangroves, if any on the site shall not be disturbed in any way.
27. The Project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
28. The project proponent shall set up separate Environmental Management Cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
29. The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
30. The construction shall be designed and constructed in accordance to the seismic factors applicable to moderate intensity zone.
31. The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
32. The project proponent shall install Solar Panel of RoHS standards for lighting within the project premises at maximum extent possible.
33. The project proponent shall obtain permission from Water Resource Department for the disposal of treated sewage into River Gadilam.
34. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of the results of standard parameters of the effluent discharge from STP under intimation to the SPCB.
35. Soil and ground water samples in and around the STP shall be tested regularly to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
36. The project proponent shall obtain Consent for Establishment from the State Pollution Control Board before commissioning the construction activity.

The Project Proponent has submitted the replies to the above conditions vide letter dated 04.07.2025.

Provision of the CRZ Notification, 2011:

1. As per CRZ Notification 2011, vide para 8 (i) I CRZ I (i)(b) pipelines, conveying systems including transmission lines are permissible activities.
2. As per CRZ Notification 2011, vide Para 4 (ii) (d), Laying of Pipelines, conveying systems, Transmission line are permissible activities and get prior approval from MoEF & CC, Govt. of India after recommendation of SCZMA.

Remarks of the Technical Expert Committee (Meeting held on 21.07.2025)

The Project Proponent explained that the Cuddalore City Municipal Corporation (CCMC) has proposed the implementation of an Underground Sewerage System (UGSS) with a total pipeline length of 144.74 km, of which 26.77 km falls within the CRZ and 117.97 km lies outside the CRZ. The project also includes the construction of a dedicated Sewage Treatment Plant (STP) with a capacity of 12.89 million litres per day (MLD) at Devanampattinam Village. In addition, the proposal involves the installation of 10 lift stations (4 within CRZ areas and 6 in non-CRZ areas), 4 pumping stations (1 in the CRZ area and 3 in non-CRZ areas), and associated inlet and outlet pipelines. These pipelines will be laid over pipe-carrying bridges measuring 927.59 metres (inlet to STP) and 2,633.11 metres (outlet from STP to disposal point), with approximately 340 metres of the outlet pipeline falling within the CRZ.

1. **Groundwater Extraction Prohibited:** Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011. The Project Proponent (PP) shall ensure complete adherence to this provision.
2. **Effluent Discharge Approval:** The PP shall obtain No Objection Certificate (NOC) from the Water Resources Department (WRD) for the discharge of treated effluent into the Gadilam River and submit the same to the Authority prior to implementation.
3. **TNPCB Consent:** Consent to Establish and Consent to Operate shall be obtained from the TNPCB before commencement and operation of the project.
4. **Effluent Standards Compliance:** PP should install a continuous effluent quality monitoring system with sampling at four locations, two at the discharge point and two before the treatment (as redundancy), complying with CPCB standards. The same should be included in the EMP cost. It should be monitored by a separate NABL-accredited third-party agency, and periodic monitoring reports should be prepared and submitted regularly to the Tamil Nadu Pollution Control Board (TNPCB).

5. **Sludge Management:** Sludge generated from the STP shall be managed and disposed of only through authorized vendors in accordance with applicable waste management rules.
6. **Effluent Dispersion Study:** A scientifically validated effluent dispersion modelling study shall be conducted to ensure the discharge does not impair the water quality or ecological health of the Gadilam River or nearby marine ecosystems.
7. **Pipeline Safeguards:**
 - a. The pipeline at the disposal point must be designed to prevent seawater ingress into the system.
 - b. Leak-proof design must be ensured across the pipe-carrying bridge. During operation, no leakage of untreated or partially treated sewage into natural waterbodies shall occur.
 - c. Sensor-based leak detection systems must be incorporated and maintained.
8. **Emergency Preparedness:** A comprehensive Emergency Preparedness and Disaster Management Plan (EPDMP) shall be submitted, outlining contingency measures for system failure, cyclonic storms, and coastal flooding. A dedicated Disaster Management Cell must be constituted for this purpose.
9. **Pipeline Alignment Certification:** A certificate from the Institute of Remote Sensing (IRS), Anna University, shall be obtained confirming that the proposed pipeline alignment does not intersect any mangrove buffer zone or ecologically sensitive area.
10. **Alternative Utilization of Treated Effluent:** The PP shall explore the reuse of treated effluent for industrial purposes, including supply to SIPCOT units, subject to CRZ provisions and quality compliance with CPCB/TNPCB norms.
11. **Power Backup and Renewable Energy:** A dedicated backup power system must be established for the STP. The PP shall explore integration of a solar-based renewable power solution to enhance operational resilience and reduce carbon footprint.
12. **Natural Flow and Construction Practices:** Construction of the pipe-carrying bridge shall not obstruct the natural flow of the river. Necessary hydrological clearances, if applicable, shall be obtained from relevant authorities.
13. **Water Source Declaration:** The freshwater required for STP operations and construction shall be sourced only from the Cuddalore City Municipal Corporation. No local borewell or groundwater tapping shall be permitted.
14. **Depth Clearance:** As the pipeline and pumping mains are proposed at significant depths (5.5 m and 1.5 m respectively), necessary clearance from the State Groundwater Authority, if applicable, shall be obtained.

15. **Blue Flag Beach Safeguards:** The PP must ensure that the treated effluent disposal point does not impact the water quality, aesthetics, or ecological integrity of the nearby Blue Flag beach zone.

With the above observations and subject to strict compliance with CRZ Notification, 2011 (as amended), EIA Notification, 2006 (wherever applicable), and all other relevant statutory provisions, the TEC recommends the proposal for consideration by the TNSCZMA.

Agenda Item No 4: Proposed installation of Ground Mounted Solar Power Plant with 0.25 MW capacity at old S.No.15/2A2A/A1A and New S. No. 15/12A2, Injambakkam village, Sholinganallur Taluk, Chennai District by Ms. Mukthaa P, D/o. Mr. Pratish Vedhappudi, New No.90, Old No.11, Shenoy Nagar, Chennai (SW/251425/2025)

The District Environmental Engineer, TNPCB, Chennai has forwarded a proposal received from Ms. Mukthaa P, D/o. Mr. Pratish Vedhappudi, New No.90, Old No.11, Shenoy Nagar, Chennai for the proposed installation of Ground Mounted Solar Power Plant with 0.25 MW capacity at old S.No.15/2A2A/A1A and New S. No. 15/12A2, Injambakkam village, Sholinganallur Taluk, Chennai District. The EIA report prepared by EHS360 Labs Private Limited, Chennai having NABET certificate upto 24.06.2025.

Project Description:

The proposed project is located at old S.No.15/2A2A/A1A and New S. No. 12/12A2, Injambakkam Village, Sholinganalur Taluk, Chennai district. The total land area of the proposed project is 2671 sq.m. The project proponent is proposed to install ground mounted solar power plant to generate 0.25 MW of power from renewable resources and the generated power is proposed to be sold to the TNEB.

Project location:

The geo coordinates of the project location are given below

Point	Latitude	Longitude
1	12°54'23.09"N	80°15'4.28"E
2	12°54'22.91"N	80°15'5.69"E
3	12°54'20.94"N	80°15'5.39"E
4	12°54'21.09"N	80°15'3.97"E

Area Details:

A. Land Area Break Up Details:

S. No	Description	Area in sq.m	Percentage (%)	CRZ classification
1	Plot coverage	370	14	CRZ - II
2	Landscape Area	180	7	
3	Internal Road Area	520	19	
4	Surface Parking	215	8	

5	Other Amenities	1386	52	
6	Total land Area	2671	100	

B. Proposed Built up Area Details:

S. No	Name of the Building	Floor Details	Built up Area (in Sq.m)			Height of the Building in (m)
			FSI Area in Sq.m	Non- FSI Area in Sq.m	Total Area in Sq.m	
1	Battery Storage Room	Ground Floor	91.40	-	91.40	3
2	Maintenance Room		35.77	-	35.77	
3	Electrical Room		-	38.11	38.11	
4	Invertor Room		55.44	-	55.44	
5	Photovoltaic Room		-	67.29	67.29	
6	Toilets		28.94	-	28.94	
Total			211.54	105.40	316.94	-

Man power requirement:

The manpower requirement during construction phase is about 10 persons and the manpower during the operation phase is about 6 persons.

Water requirement:

The water consumption during construction phase is about 3.5 KLD and will be supplied by from outside through tankers by Civil contractors. And the water consumption during the operation phase is about 9 KLD and it would be met through CMWSSB/ Tankers.

Solid Waste Management:

Domestic solid waste generation of about 3 kg/day will be disposal through Greater Chennai Corporation.

Power requirement:

The required power utilized from the proposed solar power plant and remaining unit of power will be given to the TNEB.

Waste Water Management:

The sewage will be collected and treated in Septic tank followed by Soak Pit.

CRZ Classification and Project Cost:

The project site falls partially in CRZ-II area and the total cost of the project is Rs.28.5 crores.

Recommendation of DCZMA of Chennai district:

The DCZMA meeting of Chennai district held on 04.10.2024 and the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011
2. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from competent Authority.
3. The project proponent shall obtain consent from the TNPC Board for the proposed project under the Water & Air Acts, after obtaining CRZ clearance.
4. The unit shall not let out any emission from its activity.
5. The unit shall not generate trade effluent from its activity
6. The unit shall provide garland drains around panel fixing area and connected with rain water harvesting line before commissioning.
7. The unit shall conduct the LDAR (Leak Detection and Repair) study and furnish the report to the Board once in a year through competent Agency.
8. The unit shall submit Risk Assessment Report of Photo Voltaic cell damages if any, due to Natural Calamities.
9. The project proponent shall explore the possibility of maximum utilization of power generated through renewable energy source.
10. The proponent shall comply with the Environmental Management Plan during construction and operation phases.

The Project Proponent has submitted the replies to the above conditions vide letter dated 23.06.2025.

Provision of the CRZ Notification, 2011:

- As per CRZ Notification 2011, Para 8(ii) CRZ-II (vii) Facilities for generating power by non-conventional energy resources, desalination plants and weather radars; is the permissible activity.
- Para 4(ii) (h), Facilities for generating power by non-conventional energy resources, desalination plants and weather radars are permissible activity

and should get prior approval from MoEF&CC, GoI after recommendation of concern SCZMA.

Remarks of the Technical Expert Committee (Meeting held on 21.07.2025)

The Project Proponent (PP) presented a proposal for establishing a 0.25 MW ground-mounted solar power plant in Injambakkam Village, situated within CRZ-II and located 400 m from the HTL. The project is being positioned as a model initiative to evaluate feasibility, operational challenges, and replicability for future solar installations by the VGN Group. The electricity generated will be transferred to the Tamil Nadu Power Distribution Corporation Limited (TNPDC) grid and utilized at designated consumption points.

1. **Groundwater Prohibition:** Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011. The PP shall ensure no groundwater is sourced for construction or operation.
2. **Water Source Declaration:** Freshwater requirement—3.5 KLD during construction and 9 KLD during operation (for solar panel cleaning)—shall be sourced through the Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) or authorized private tankers. Groundwater or borewell extraction is not permitted.
3. **Water Recycling and Conservation:** The PP shall explore use of robotic dry-cleaning technologies and install water recycling systems with appropriate filtration mechanisms to minimize freshwater use during operation.
4. **CRZ Compliance:** No permanent or temporary structures (including office, residential, or storage units) shall be constructed within the CRZ area except for essential solar infrastructure, strictly as per the CRZ Notification, 2011 and its amendments.
5. **Turtle Nesting and Sand Dune Preservation:** The PP shall ensure that the project does not disturb any sand dunes or potential turtle nesting sites. A pre-construction ecological survey should be conducted to confirm the absence of sensitive coastal features.
6. **Statutory Approvals:** All necessary statutory clearances, including CRZ clearance, TNPCB Consent to Establish/Operate, and TANGEDCO/TNPDC interconnection approvals, must be obtained prior to project execution.
7. **Greenbelt Development:** A greenbelt shall be developed along the project boundary with native and salt-tolerant plant species to improve the microclimate and buffer against wind erosion.
8. **Rainwater Harvesting:** An effective rainwater harvesting system shall be designed and implemented at the site to augment water efficiency and groundwater recharge in surrounding non-CRZ areas, where permissible.

9. **Waste and E-Waste Management:** Solid waste, if any, generated during the construction and operational phases—including damaged panels—shall be managed in accordance with the Solid Waste Management Rules, 2016 and E-Waste Management Rules, 2022 (as amended).

10. **Model Project Documentation:** Since the project is positioned as a pilot model for broader rollout, the PP shall document and report its performance—including water savings, energy yield, and land use efficiency—to the Authority upon request.

With the above observations and subject to strict compliance with the CRZ Notification, 2011 (as amended), the TEC recommends the proposal for consideration by the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA).

Agenda Item No 5: Proposed Development of Berths I to IV (outer) as container Terminals including Dredging and Construction of Breakwater at VOC Port on DBFOT Basis, Thoothukudi district by The Chief Engineer, M/s. V. O. Chidambaranar Port Authority, Administrative Office, Harbour Estate, Thoothukudi district (SW/127884/2025)

The District Coastal Zone Management Authority, Thoothukudi has forwarded a proposal received from The Chief Engineer, M/s. V. O. Chidambaranar Port Authority, Thoothukudi district for the proposed development of Berths I to IV (outer) as container Terminals including Dredging and Construction of Breakwater at VOC Port on DBFOT Basis, Thoothukudi district. The project information and EIA, EMP report prepared by M/s. Mantec Consultants Pvt. Ltd., Noida having NABET certificate valid up to 20.04.2026.

Need of the project:

The Project Proponent stated that presently, VOCPA is handling vessels up to 14.20 m draught. Even after modifications in the existing infrastructure, the Port will be able to handle vessels only up to a maximum of 15.50m draught. Further, there is a scarcity of back up area in the Inner Harbour for development of container yard. Meanwhile, during the last 5 years, the container vessel size has considerable increased in terms of all three dimensions viz, length, beam & draught. Hence, in order to handle the present and future trend vessels at VOC port, Outer Harbour development would be the sole option.

Location of the project:

The project site is located within the latitude, longitude of 8°45'6.355" N 78°12'42.824" E and 8°40'33.159" N 78°18'35.645" E.

Description of the project:

The V.O.C port has an artificial harbour protected by two breakwaters and is connected to deep water by a dredged channel. Zone A of VOC Port has sixteen cargo berths including ten alongside berths, one oil jetty, one shallow draught berth, one coastal berth and three coal jetties including NCB-I. Zone B has only three berths, including one north coal wharf, one sheet pile wharf and one RCC jetty. V.O.C Port handles

mainly dry built cargoes and containers. It also handles liquid bulk and break-bulk cargoes.

The project proposal comprises of "Development of two nos of Container Terminals (CT 1 & 2) of 1000 m quay length each with Container Handling equipment like Quay cranes, Rubber Tyred Gantry Cranes, Reach stacker, Tractor trailers etc., able to handle 22,000 TEUs container vessels with a total capacity of 4.0 MTEU's (80 MMTPA/MTPA) dredging in front of proposed berths & channel to handle 16.0 m draught vessels (18m draught) breakwater construction and reclamation bund for reclaiming the dredged materials.

- MoEF & CC, GoI has issued ToR vide File No. 10/35/2023-IA.III dated: 29.08.2023
- Public hearing was conducted on 03.09.2024 at Thoothukudi district for the proposed Development of Berths I to IV (outer) as container Terminals including Dredging and Construction of Breakwater at VOC Port on DBFOT Basis, Thoothukudi district

Brief details of the proposed development:

The Outer harbour is proposed to be executed in

Stage I Development:

- Construction of breakwater (5635m length approx.)
- Capital dredging in the Turning circle basin to (-) 16.9m and approach channel to (-) 17.4m to handle 16m draught vessels (approx. dredging quantity = 9.73 M Cu m)
- Construction of Rubble bund for a length of 3200 m for reclamation of dredged materials.
- Construction of Container Terminal 1 of 1000 m quay length. The design of berth civil structure needs to be done to handle vessels upto 21m draught of 22,000 TEU vessels.
- Mechanization of the Container Terminal (CT1) providing container handling equipment like quay gantry cranes, RTGCs, reach stacker, tractor trailers, IT systems etc.,
- Installation of Navigational Buoys in the channel.

Stage II Development:

- Capital dredging alongside the Container Terminal 2 to (-) 16.9 m to handle 16 m draught vessels (approx. dredging quantity =1.23 M Cu m)
- Construction of Container Terminal 2 of 1000m quay length. The design of berth civil structure needs to be done to handle vessels upto 21m draught of 22,000 TEU vessels.
- Mechanization of the Container Terminal (CT2) providing container handling equipment like quay gantry cranes, RTGCs, reach stacker, tractor trailers, IT systems etc.,

Stage III Development:

- Capital dredging in the Turning circle basin to (-) 18.9m and approach channel to (-) 19.4m to handle 18m draught vessels in CT1 & CT2 (approx. dredging quantity = 7.52 M Cu m)

The overall length of breakwater proposed in the Northern and Southern side is 5635m (approx.), overall length of Rubble Bund for reclamation of dredged materials is 3200m (approx.), the overall dredging quantity for dredging alongside the berth & Harbour basin to (-) 18.9m and approach channel to (-) 19.4 m to handle 18m draught vessels is 18.48 Million cubic meter (approx.).

Gist of the existing clearance issued by Govt. of India

Sl. No.	Date of Clearance	Clearance issued to	Details of the Clearance
1	02.01.2015	V. O. Chidambaranar Port Trust	EC & CRZ clearance - Construction of North Cargo Berth - III & IV and dredging in front of North Cargo Berth II, III and IV and filling up of dredged material into reclaim the land inside VOC complex
2	25.02.2019	V. O. Chidambaranar Port Trust	Deepening of harbour and approach channel to handle 15.20 m draught vessels, Modification of Port entrance, construction of 6 nos of berth, Strengthening / upgradation of existing berths 1 to 9, NCB-I and NCB-II

CRZ Classification as per approved CZMP of the proposed development:

Sheet. No	Proposed Development	Area in Hectare		
		CRZ IB	CRZ II	CRZ IVA
1	Approach Channel			66.88
2	Approach Channel			61.88
3	Approach Channel			68.58
4	Approach Channel			55.45
	Eastern Break water			1.16
	North Break water			3.33
5	Approach channel			29.02
	Bulk/ Oil/ Gas Terminal			1.75
	Common User Area			12.54
	CT-1 Backup Yard			35.01
	CT-2 Backup Yard			31.38
	Eastern Break water			6.76
	For Future Development			15.30
	North Break water			5.05
	South Break water			4.68
	Turning circle			32.27
6	Proposed Reclaimed land	0.16	0.14	7.48
7	Proposed Reclaimed land		1.08	33.67

CRZ Classification of the proposed development based on field map:

Sheet. No	Proposed Development	Area in Hectare	
		CRZ II	CRZ IVA
1	Approach Channel		66.88
2	Approach Channel		61.88
3	Approach Channel		68.58
4	Approach Channel		55.45
	Eastern Break water		1.16
	North Break water		3.33
5	Approach channel		29.02
	Bulk/ Oil/ Gas Terminal		1.75

	Common User Area		12.54
	CT-1 Backup Yard		35.01
	CT-2 Backup Yard		31.38
	Eastern Break water		6.76
	For Future Development		15.30
	North Break water		5.05
	South Break water		4.68
	Turning circle		32.27
6	Existing Reclaimed land	7.67	0.12
7	Existing Reclaimed land	34.75	0.00

Manpower Requirement:

During construction phase, No. of employment will be approx. 50 and during Operational phase, No. of employment will be 150. Thus, total 200 No of people will be benefitted during operation phase of the project.

Water Requirement:

Total water requirement for the proposed outer harbour development would be 50 KLD and during operation phase it will be approx. 29.25 KLD which will be sourced from Thamirabarani River.

Power Requirement:

4 MW will be required for development of outer berths. This power shall be provided from TANGEDCO.

Details of Backup Power:

1. 500 KVA - 4.27 stack height
2. 160 KVA - 3.34 stack height
3. 100 KVA - 3.0 stack height
4. 250 KVA - 4.58 stack height
5. 125 KVA - 2.75 stack height

Sewerage system:

No municipal waste other than domestic sewage shall be generated, which shall be treated through STP and treated water shall be used for greenbelt.

Solid Waste Management:

5.0 TPA of garbage waste will be generated and further treated in treatment yard.

CRZ Classification and Project cost:

The project site falls in CRZ-IB, CRZ-II and CRZ-IV A and the total cost of the project is Rs.8000 crores

Recommendation of DCZMA of Thoothukudi district:

The DCZMA for Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 27.03.2025, subject to the following conditions

1. The Project Proponent shall allocate adequate land for developing green belt.
2. The Project Proponent shall ensure that no detrimental effects are caused to the marine environment during pre-construction, construction and post construction stages.

Provisions in CRZ Notification, 2011:

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- The activity comes under Category 7(e), "Port and Harbour EIA Notification, 2006 and classified as Category "A", the proposal may be recommended to MoEF & CC, Govt. of India as per Para 4(ii) (a) of CRZ Notification, 2011.
- As per the conditions of the existing clearances issued by MoEF & CC, GoI, the project proponent has to approach the MoEF & CC, GoI, for alteration of the project.

Remarks of the Technical Expert Committee (Meeting held on 12.08.2025)

The Project Proponent explained that presently, VOC Port Authority is handling vessels up to 14.20 m draught. Even after modifications in the existing infrastructure, the Port will be able to handle vessels only up to a maximum of 15.50m draught. The project proposal comprises of "Development of 2 Nos. of Container Terminals (CT-1 & 2) of 1000 m quay length each with Container Handling equipment like Quay cranes, Rubber Tyred Gantry Cranes, Reach stacker, Tractor trailers etc., able to handle 22,000 TEUs (Twenty foot Equivalent Unit) container vessels with a total capacity of 4.0 MTEU's (Million Twenty foot Equivalent Unit) (80 MMTPA/MTPA) dredging in front of proposed berths & channel to handle 16 m draught vessels (18m draught) breakwater construction and reclamation bund for reclaiming the dredged materials.

Upon detailed review, the Committee makes the following observations and recommendations

1. The proponent shall ensure that the Air Quality Index is regularly monitored by setting up a Continuous Ambient Air Quality Monitoring System (CAAQM) and the data shall be shared with Tamil pollution Control Board for monitoring.
2. The construction and other activities should be carried out without causing any disturbance and damage to the marine wildlife and their habitat including Gulf of Mannar
3. Detailed study on effect of islands in Gulf of Mannar as Tamil Nadu Government has undertaken restoration / revival of coral reef in that region.
4. TEC noted that the proposed project involves a substantial dredging volume of approximately 18.48 million cubic meters. In this regard, the Committee recommends that the Project Proponent should submit a comprehensive dredging study that addresses the technical feasibility, Environmental impact assessment, Sediment characterization, Hydrodynamic and sediment transport modeling, Identification and assessment of dredged material disposal or placement sites and Long-term sustainability before the Authority.

5. TEC suggested that the project proponent should submit the **Sediment Transport Study** to evaluate erosion, deposition and sediment behavior near the port before the Authority.
6. The TEC observed that there is no specific recommendation by the IIT-Madras in the detailed project report. The Project Proponent should submit the approved detailed recommendations and study report for the proposed project from IIT Madras.
7. The Project Proponent shall clearly mark the port limits and provide assurance that all proposed project activities including capital dredging will be conducted strictly within the designated port boundaries only.
8. As informed before the Committee, the Project Proponent should carryout only the capital dredging and the maintenance dredging should not be carryout without obtaining prior permission from the competent authority.
9. The Project Proponent should submit a gist and recommendations of various studies conducted by various institutions for the proposed projects.
10. The Project Proponent has informed that there is a separate oil spill contingency plan specifically prepared for the port, and that training programs related to oil spill response are regularly conducted within the port premises. A copy of updated oil spill contingency plan and details of training programme conducted are to be submitted before the Authority.
11. The estimated freshwater requirement during the operational phase is 29.25 KLD. The Project Proponent shall obtain and submit a consent letter from the competent Authority confirming the assured supply of freshwater from authorized sources.
12. Any solid waste generated shall be managed in compliance with the Solid Waste Management Rules, 2016 (as amended), with proper segregation, storage, and disposal through authorized agencies.
13. As accepted by the Project Proponent, an amount of Rs. 10.50 crores may be deposited as voluntary contribution in Tamil Nadu Marine Resource Foundation.

14. The TEC advised the Project Proponent to submit a clear and detailed presentation before the Authority, outlining the studies conducted for the proposed project. The presentation should specifically highlight the objectives, methodologies, and key outcomes of each study and to submit a detailed information on the shoreline study conducted by NCCR, modelling study conducted by IIT-Madras, details of total power requirements, solid and liquid waste management plan etc., to the proposed project.

With the above observations and remarks, the TEC recommends the proposal for consideration by the Authority.

Agenda Item No 6 (i): TNPGL (Erstwhile TANGEDCO) - EC for Expansion by addition of 1 × 800 MW (Stage - III) North Chennai TPP and CRZ clearance for foreshore facilities at Village Ennore & Puzhuvakkam Village, Ponneri Taluk, Tiruvallur district - Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

The Tamil Nadu Power Generation Corporation Limited (TNPGL), formerly known as TANGEDCO, has informed that it has obtained Environmental Clearance (EC) for expansion by addition of 1 × 800 MW (Stage-III), North Chennai TPP and CRZ clearance for the foreshore facilities at Ennore & Puzhuvakkam village, Ponneri Taluk, Tiruvallur district from MoEF & CC, Govt. of India on **20.01.2016**.

2) The Project Proponent further stated that as per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024, as all the thermal stations of Erstwhile TANGEDCO was bifurcated into M/s. TNPGL for administrative convenience and to improve the performance. Now, all the Thermal stations and Projects of Erstwhile TANGEDCO come under newly formed TNPGL.

3) As per the Office Memorandum IA3-22/19/2023-IA.III dated: 03.11.2023 issued by the MoEF GoI, it is cleared that the transfer the EC & CRZ clearance in the transferee's name within 12 months from the date of bifurcation and as per Notification S.O.2903(E): 03.07.2023, it is essential to obtain recommendations of CZMA to transfer the CRZ clearance in the transferee's name.

4)The chronology of the project is detailed below:

S. No	Date	Activity
1	20.01.2016	Obtained EC expansion by addition of 1 × 800 MW (Stage-III), North Chennai TPP and CRZ clearance for the foreshore facilities
2	18.01.2021	As per MoEF & CC, SO 221 (E) dated 18.1.2021, validity of the clearance is automatically extended for 1 year in lieu of Covid (1st April 2020 to 31st March 2021)

3	03.07.2023	As per MoEF & CC, SO 2903 (E) dated 03.07.2023 clearance accorded to the projects under this notification shall be valid for a period of 10 years.
4	06.03.2024	As per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024 - All the thermal stations of Erstwhile TANGEDCO were bifurcated into M/s. TNPGL
5	11.06.2025	Applied for obtaining recommendations from TNSCZMA for the name change of EC and CRZ clearance to M/s TNPGL

5) Therefore, the proponent has requested that the proposal be recommended to MoEF&CC for the transfer of EC & CRZ clearance for the aforementioned power project from TANGEDCO to TNPGL.

Agenda Item No 6 (ii): TNPGL (Erstwhile TANGEDCO) – Captive coal jetty and Pipe conveyor system for the coal logistics required for the Udangudi Super Critical Thermal Power Project Stage-I (2 × 660 MW) – Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

The Tamil Nadu Power Generation Corporation Limited (TNPGL), formerly known as TANGEDCO, has informed that it has obtained Environmental Clearance (EC) and CRZ Clearance for establishing captive coal jetty for 2 × 800 MW upgrading Super Thermal Power Project at Udangudi, Thoothukudi district from the MoEF & CC, Govt. of India vide letter dated **06.06.2011**. Subsequently extension of EC was obtained on **15.05.2018** and fresh EC & CRZ was obtained for Captive Coal Jetty and Pipe Conveyor system for **2× 660 MW** Udangudi Super critical Thermal power plant on **03.08.2022**.

2) The Project Proponent further stated that as per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024, as all the thermal stations of Erstwhile TANGEDCO was bifurcated into M/s. TNPGL for administrative convenience and to improve the performance. Now, all the Thermal stations and Projects of Erstwhile TANGEDCO come under newly formed TNPGL

3) As per the Office Memorandum IA3-22/19/2023-IA.III dated: 03.11.2023 issued by the MoEF GoI, it is cleared that the transfer the EC & CRZ clearance in the transferee's name within 12 months from the date of bifurcation and as per Notification S.O.2903(E): 03.07.2023, it is essential to obtain recommendations of CZMA to transfer the CRZ clearance in the transferee's name.

4)The chronology of the project is detailed below:

S. No	Date	Activity
1	06.06.2011	Obtained EC and CRZ Clearance for establishing captive coal jetty for 2 × 800 MW upgrading Super Thermal Power Project
2	15.05.2018	MoEF&CC extended the EC till 05.06.2021
3	18.01.2021	As per MoEF & CC, SO 221 (E) dated 18.1.2021, validity of the clearance is automatically extended for 1 year in lieu of Covid (1 st April 2020 to 31st March 2021)
4	03.08.2022	Fresh EC & CRZ obtained for Captive Coal Jetty and Pipe conveyor system for 2×660 MW Udangudi Super critical Thermal power plant
5	03.07.2023	As per MoEF & CC, SO 2903 (E) dated 03.07.2023 clearance accorded to the projects under this notification shall be valid for a period of 10 years.
6	06.03.2024	As per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024 - All the thermal stations of Erstwhile TANGEDCO were bifurcated into M/s. TNPGL
7	21.06.2025	Applied for obtaining recommendations from TNSCZMA for the name change of EC and CRZ clearance to M/s TNPGL

5) Therefore, the proponent has requested that the proposal be recommended to MoEF & CC for the transfer of EC & CRZ clearance for the subject project from TANGEDCO to TNPGL.

Agenda Item No 6 (iii): TNPGL (Erstwhile TANGEDCO) – ETPS Exp TPP – (1 × 660 MW) supercritical Thermal power project (Expansion) at Ernavur village, Ennore, Chennai district – Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

The Tamil Nadu Power Generation Corporation Limited (TNPGL), formerly known as TANGEDCO, has informed that it has obtained Environmental Clearance (EC) for 1 × 660 MW Ennore Supercritical Thermal Power Project (Expansion), Ernavur village, Ennore, Chennai from MoEF & CC, Govt. of India on **11.12.2019**.

2) The Project Proponent further stated that as per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024, as all the thermal stations of Erstwhile TANGEDCO was bifurcated into M/s. TNPGL for administrative convenience and to improve the performance. Now, all the Thermal stations and Projects of Erstwhile TANGEDCO come under newly formed TNPGL.

3) As per the Office Memorandum IA3-22/19/2023-IA.III dated: 03.11.2023 issued by the MoEF GoI, it is cleared that the transfer the EC & CRZ clearance in the transferee's name within 12 months from the date of bifurcation and as per Notification S.O.2903(E): 03.07.2023, it is essential to obtain recommendations of CZMA to transfer the CRZ clearance in the transferee's name.

4)The chronology of the project is detailed below:

S. No	Date	Activity
1	11.12.2019	Obtained EC for 1 × 660 MW Ennore Supercritical Thermal Power Project (Expansion) at Ernavur village, Ennore, Chennai
2	18.01.2021	As per MoEF & CC, SO 221 (E) dated 18.1.2021, validity of the clearance is automatically extended for 1 year in lieu of Covid (1st April 2020 to 31st March 2021)
3	03.07.2023	As per MoEF & CC, SO 2903 (E) dated 03.07.2023 clearance accorded to the projects under this notification shall be valid for a period of 10 years.
4	06.03.2024	As per TN G.O Ms.No.32 Notification No.90 GOTN Transfer Scheme dated: 06.03.2024 - All the thermal stations of Erstwhile TANGEDCO were bifurcated into M/s. TNPGL

5	11.06.2025	Applied for obtaining recommendations from TNSCZMA for the name change of EC and CRZ clearance to M/s. TNPGL
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5) Therefore, the proponent has requested that the proposal be recommended to MoEF&CC for the transfer of clearance for the aforementioned power project from TANGEDCO to TNPGL.

Agenda Item No 6 (iv): TNPGL (Erstwhile TANGEDCO) – Uppur STPP – 2 ×800 MW supercritical Thermal power project and CRZ clearance for the foreshore facilities (cooling water intake and outfall structures) at Villages Uppur, Valamavoor & Thiruppalaikudi, Tiruvadanai Taluk, Ramanathapuram district – Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

The Tamil Nadu Power Generation Corporation Limited (TNPGL), formerly known as TANGEDCO, has informed that it has obtained Environmental Clearance (EC) for 2X800 MW Uppur Supercritical Thermal Power Plant and CRZ clearance for the foreshore facilities (cooling water intake and outfall structures) at Villages Uppur, Valamavoor & Thiruppalaikudi, Tiruvadanai Taluk, Ramanathapuram district from MoEF & CC, Govt. of India on **18.05.2016**. Subsequently amendment of the EC in respect of artificial canal was obtained on **29.10.2018**.

2) The Project Proponent further stated that as per TN G.O Ms.No.32 Notification 90 GOTN Trans Scheme dated: 06.03.2024, as all the thermal stations of Erstwhile TANGEDCO was bifurcated into M/s. TNPGL for administrative convenience and to improve the performance. Now, all the Thermal stations and Projects of Erstwhile TANGEDCO come under newly formed TNPGL.

3) As per the Office Memorandum IA3-22/19/2023-IA.III dated: 03.11.2023, issued by the MoEF, GoI, it is cleared that the transfer the EC & CRZ clearance in the transferee's name within 12 months from the date of bifurcation and as per the Notification S.O 2903 (E) dated: 03.07.2023, it is essential to obtain recommendations of CZMA to transfer the CRZ clearance in the transferee's name.

4) The chronology of the project is given below:

S. No	Date	Activity
1	18.05.2016	Obtained EC and CRZ Clearance for 2 X 800 MW Uppur STPP, foreshore facilities (cooling water intake and outfall structures)
2	29.10.2018	Subsequently amended obtained in respect of artificial canal

3	18.01.2021	As per MoEF & CC, SO 221 (E) dated 18.01.2021, validity of the clearance is automatically extended for 1 year in lieu of Covid (1 st April 2020 to 31 st March 2021)
4	03.07.2023	As per MoEF & CC, SO 2903 (E) dated 03.07.2023 clearance accorded to the projects under this notification shall be valid for a period of 10 years.
5	06.03.2024	As per TN G.O Ms.No.32 Notification 90 GOTN Trans Scheme dated: 06.03.2024 - All the thermal stations of Erstwhile TANGEDCO were bifurcated into M/s. TNPGL
6	11.06.2025	Applied for obtaining recommendations from TNSCZMA for the name change of EC and CRZ clearance to M/s TNPGL

5) Therefore, the proponent has requested that the proposal be recommended to MoEF&CC for the transfer of EC & CRZ clearance for the subject power project from TANGEDCO to TNPGL.

Remarks of Technical Expert Committee (Meeting held on 21.07.2025)

Agenda Item No. 06 (i-iv):

The Project Proponent made a detailed presentation of the above-mentioned projects and confirmed that the validity of the existing clearance has not expired.

The Project Proponent (PP) informed that, as per G.O. Ms. No. 32, Energy (B2) Department, dated 06.03.2024, the thermal generation assets of Tamil Nadu Generation and Distribution Corporation (TANGEDCO) have been demerged and transferred to the newly constituted entity—Tamil Nadu Power Generation Corporation Limited (TNPGL)—to improve administrative efficiency and operational specialization in the thermal energy sector.

In accordance with Office Memorandum No. IA3-22/19/2023-IA.III dated 03.11.2023 issued by MoEF&CC, and Notification S.O. 2903(E) dated 03.07.2023, the Project Proponent requested that the existing ECs and CRZ Clearances granted in the name of TANGEDCO be formally transferred to TNPGL. The Project Proponent confirmed that the validity of all existing clearances remains intact and that there is no change in the scope, location, design, or environmental safeguards of the projects.

1. The TEC noted that the proposed name transfer pertains solely to a change in project ownership and does not involve any modification in project scope, capacity, location, CRZ classification, or environmental safeguards.
2. The transfer is consistent with G.O. Ms. No. 32, Energy (B2) Department, dated 06.03.2024, and G.O. No. 90 (GOTN Transmission Scheme) regarding the restructuring of thermal generation assets under the Government of Tamil Nadu.
3. In line with MoEF&CC O.M. dated 03.11.2023, the TEC affirms that such name transfers can be recommended provided there is no change in project parameters and all statutory conditions remain enforceable on the transferee entity (TNPGL).
4. The TEC emphasizes that all original conditions stipulated in the EC and CRZ Clearances granted to TANGEDCO shall remain binding on TNPGL. These include compliance with CRZ Notification, 2011; EIA Notification, 2006; marine and coastal ecological safeguards; pollution control norms; and public safety requirements.
5. TNPGL shall ensure that the environmental monitoring, reporting obligations, and regulatory submissions remain continuous and transparent, with no disruption due to the change in name.
6. Any future modifications, expansions, or deviations in operational or technical aspects of the projects must be submitted afresh for appraisal and prior approval by the TNSCZMA and MoEF&CC, as applicable.

In view of the above observations, and subject to continued compliance with all existing clearance conditions, the TEC recommends the transfer of Environmental Clearance (EC) and CRZ Clearance from M/s TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL) for the four listed thermal power projects, for the consideration of the TNSCZMA.

Agenda Item No 7: Proposed construction of Shopping Complex & Multipurpose Hall at S.F. No.219/3A, Tiruchendur Village & Taluk, Thoothukudi district by Thiru Kumaran, Adyar, Chennai district (Single Window No. SW/243512/2025)

The District Environmental Engineer, Tamil Nadu Pollution Control Board, Thoothukudi District has forwarded a proposal received from Thiru Kumaran, Adyar, Chennai district proposed for construction of Shopping Complex & Multipurpose Hall at Tiruchendur in Thoothukudi district. The EIA report prepared by M/s. EHS 360 labs private limited, Chennai having NABET certificate valid upto 24.06.2025.

Need of the project:

The Project Proponent stated that proposed to develop a Shopping Complex and Multipurpose Hall can serve as a hub for local businesses, creating jobs and supporting the local economy and it also serve as a community gathering place, offering spaces for events and socializing. Shopping complex plays an important role in communities by providing a central location for people to purchase goods and services. Tourist shopping implicitly involves promoting the local culture.

Location of the project:

The proposed activities are located within the latitude 8°29'50.53" N 78°7'33.60" E and longitude 8°29'49.62" N 78°7'34.82" E.

Description of the project:

The proposed project by the proprietor is to construct a Shopping Complex and Multipurpose Hall at S.F. No.219/3A, Tiruchendur Village & Taluk in Thoothukudi district. The infrastructure facilities envisaged includes Building, Car Parking, Driveway, Entrance, Entry, Exit, Foyer, Lift, Lift Power Panel, Septic Tank, Squat Toilet, Stair, UG Sump and Wheelchair Access Ramp with a total area of 1203.83 Sq.m and proposed built up area - 1762.24 sq.m.

Area details of the Project:**A. Land area breakup details:**

S. No	Components	Proposed Area (Sq.m)	Percentage (%)
1	Ground Coverage Area	709.06	58.90
2	Road & Paved Area	83.07	6.90
3	Parking Area	230.7	19.2
4	Green belt Development	181.0	15.0
Total Land Area		1203.83	100

B. Built up Area details:

The project proponent has submitted the revised built-up area details in the Parivesh Portal dated: 17.07.2025

S. No	Floor Name	Revised Build Up Area (Sq.m)		
		FSI	Non FSI	Total
1	Ground Floor	401.92	-	401.92
2	First Floor	680.16	-	680.16
3	Second Floor	680.16	-	680.16
4	Head room area	-	89.66	89.66
	Total	1762.24	89.66	1851.90

- FSI Area = 1.45 < 1.50

Proposed project Activities:

S. No	Proposed Project Activities	Area in Sq.m
		CRZ-II
1	Building	338.38
2	Car Parking	139.49
3	Driveway	216.33
4	Entrance	15.62
5	Entry	0.64
6	Exit	0.64
7	Foyer	24.02
8	Lift	6.35
9	Lift Power panel	13.18
10	Septic Tank	15.5
11	Squat Toilet	3.58
12	Stair	18
13	UG Sump	15.5

14	Wheelchair Access Ramp	8.56
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Water requirement:

S. No	Purpose	Quantity (KLD)	Water Source
1	Domestic	6.75	Municipality
2	Avenue plantation	0.25	Municipality
Total		7.0	

Sewage generation, treatment and disposal:

The quantity of sewage generation during construction phase will be around 0.4 KLD. Thus, the sewage will be disposed through septic tank.

The quantity of sewage generation during operation phase will be around 5.4 KLD will be discharged into septic tank and soak pit.

Solid waste management:

S. No	Description	% of waste	Quantity (kg/day)	Method of Treatment/Disposal
1	Bio-Degradable Waste	40	15	Sent to Municipality
2	Non-BioDegradable Waste	60	22.5	Sent to authorized recyclers
Total		100	37.5	-

Power requirement:

Energy/Fuels source	Unit	Source
Power requirement	500 kVA	TANGEDCO
DG Set Power Back Up	100 kVA × 1 No	DG sets

CRZ Classification and total cost of the project:

The project site is falling in CRZ-II area and the cost of the project is Rs.5 crore.

Recommendation of DCZMA of Thoothukudi district:

The DCZMA of Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 11.12.2024.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide para 8(i) II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level". Note: The Arulmigu Subramaniya Swamy Temple, an authorized structure and existing road as per the approved CZMP is located between the High Tide Line (HTL) and the proposed project site.
- Para 8(i) II CRZ-II, (iii), Reconstruction of authorized building to be permitted subject with the existing Floor Space Index or Floor Area Ratio Norms and without change in present use.
- As per Para 4(i)(d) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

Remarks of the Technical Expert Committee (Meeting held on 12.08.2025)

The Project Proponent explained that the project envisages the construction of a Shopping Complex and Multipurpose Hall, which is intended to include a skilled training center with classrooms for sewing, tailoring, handicrafts and other vocational training activities. The proposed construction activities fall within CRZ-II area. Upon detailed review, the Committee makes the following observations and recommendations

1. Groundwater extraction within CRZ areas is strictly prohibited under the CRZ Notification, 2011. The Project Proponent shall ensure no groundwater is sourced for construction or operation.

2. Freshwater requirement - 5 KLD during construction and 6.75 KLD during operation shall be sourced through the Municipality. The Project Proponent shall obtain and submit a consent letter from the competent Authority confirming the assured supply of freshwater from authorized sources.
3. The project premises shall be declared a "Plastic-Free Zone." Use of single-use plastics shall be avoided, and eco-friendly or sustainable alternatives are to be encouraged. TEC has recommended that the project proponent take proactive measures to raise awareness about the harmful effects of plastic usage.
4. The Project proponent informed that the height of the building is elevated towards the landward side. Further, TEC suggested that the project proponent must submit a detailed cross-sectional view of the proposed project design for review and consideration by the Authority.
5. The project proponent is required to submit valid documentary evidence of land ownership or registration details pertaining to the site proposed for development.
6. A rooftop solar photovoltaic system shall be installed to meet a portion of the project's energy requirements and promote the use of renewable energy.
7. A greenbelt shall be developed along the project boundary with native species.
8. The project shall incorporate a scientifically designed rainwater harvesting system to enhance water conservation and groundwater recharge.
9. Any solid waste generated shall be managed in compliance with the Solid Waste Management Rules, 2016 (as amended), with proper segregation, storage, and disposal through authorized agencies.
10. The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
11. Biodegradable Solid Waste will be disposed through Local body and non-biodegradable waste will be disposed through Authorized Recyclers.

With the above observations and remarks, the TEC recommends the proposal for consideration by the Authority.

Agenda Item No 8: Proposed construction of Matha Ice plant at S. F. Nos. 213/6C & 213/7A1A2, Painkulam Village, Killiyur Taluk, Kanyakumari District by Mr. L. Robert Bruce, Parakani, Thengapattanam PO, Kanyakumari District (Single Window No. SW/250050/2025)

The District Environmental Engineer, TNPCB, Nagercoil has forwarded a proposal received from Mr. L. Robert Bruce, Parakani, Thengapattanam PO, Kanyakumari District for the proposed construction of Matha Ice plant at S. F. Nos. 213/6C & 213/7A1A2, Painkulam Village, Killiyur Taluk, Kanyakumari District.

Project Description:

The total land area of the site is 1,209.2 sq.m., with a total built-up area of 208.9 sq.m., limited to the ground floor. The maximum height of the building will be 6.45 meters above ground level.

Project location:

The project site is located at S. F. Nos. 213/6C & 213/7A1A2, Painkulam Village, Killiyur Taluk, Kanyakumari District. The geo coordinates of the project location are given below

Point	Latitude	Longitude
A	8°15'8.589"N	77°9'43.643"E
B	8°15'7.838"N	77°9'45.682"E
C	8°15'7.473"N	77°9'45.148"E
D	8°15'8.135"N	77°9'43.286"E

Project components:

A. Land area: The total land area available is 1209.2 Sqm

The Project Proponent stated that the plot area comprises (i) 465.38 Sq.m. under S. No. 213/6C and (ii) 743.81 Sq.m. under S. No. 213/7A1A2, total land area of (i)+(ii) is 1,209.2 Sq.m. The land use area details area as follows

S. No	Description	Area in sq.m	Percentage (%)
1	Total Ground coverage Area of Buildings	208.9	17.3
2	Open Area	241.84	20
3	Green belt Area	761.77	62.7

	Total Land Area	1209.2	100.00
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B. Proposed Built-up Area: The total built-up area proposed to construct is
208.9 Sqm.

Water requirement:

The total water requirement for the project is 25.2 KLD, which includes 25 KLD for the manufacturing process (ice block production of 25 tons per day, consisting of 500 ice blocks daily, each weighing 50 kg) and 0.2 KLD for domestic use. The water requirement will be met through the local body, Enayam Puthenthurai Panchayat, Killiyur Union water supply system.

Solid Waste Management:

No of occupants (operation phase): 7

Per capita generation: 0.2 Kg/day

S. No	Description	Mode of treatment/disposal	Quantity (in kg)
1	Biodegradable waste	Handed over to local authority on daily basis	0.56
2	Non-biodegradable waste	Handed over to authorized recyclers or local bodies for proper disposal	0.84
Total			1.40

Power requirement:

The power requirement for the entire operation will be of 145 KW which will be sourced from the TNEB. DG sets of 15 KVA will be installed in the site as source of power backup.

Green Belt area:

The project includes a greenbelt area of 241.84 Sq.m., where an adequate number of native tree species such as Neem, Punnai, and Poovarsu will be planted along the site boundaries to enhance the ecological balance and aesthetic appeal of the premises and act as a sink for pollutants.

Production and Manufacturing:

The production capacity will be 25 tons per day. Local labourers from nearby areas will be employed for the work; therefore, no temporary housing facilities will be required.

CRZ Classification and Project Cost:

The entire site is falling in CRZ-III (NDZ) and the proposed cost of the project is Rs.1.91 Crore.

Recommendation of DCZMA of Kanyakumari district:

The 100th DCZMA meeting of Kanyakumari district held on 07.05.2025 and the committee recommended the project to SCZMA subject to the following conditions

1. The Project Proponent shall comply with the provision of CRZ Notification, 2011
2. No construction activity shall be started / undertaken by the Proponent until obtaining the CRZ Clearance from the competent authority.
3. The Project Proponent shall commence the establishment activity of the unit after obtaining the Consent to Establishment of TNPCB.
4. The proponent shall comply with the Environmental Management Plan during construction and operation phases.
5. The proponent shall not draw water from the CRZ area under any circumstances.

The Project Proponent has submitted the replies/response to the above conditions vide their letter dated:12.06.2025

Provision of the CRZ Notification, 2011:

- As per para 8(III) CRZ III(A) facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, **ice plant**, ice crushing units, fish curing facilities and the like; is permissible activities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

Remarks of the Technical Expert Committee (Meeting held on 21.07.2025)

The Project Proponent presented a proposal for establishing an ice manufacturing facility (Matha Ice Plant) at Painkulam Village, Kanyakumari District. The proposed site

lies within the CRZ. The facility is intended to cater to the fisheries sector, and includes an ice production unit with associated civil infrastructure.

1. **CRZ Clearance Requirement:** No construction activity shall be initiated prior to obtaining CRZ clearance from the Competent Authority, in accordance with the provisions of the CRZ Notification, 2011 (as amended).
2. **Groundwater Extraction Prohibited:** Extraction of groundwater within the CRZ area is strictly prohibited. Freshwater required for the project shall not be sourced through borewells or local groundwater systems.
3. **Water Supply from Panchayat:** The estimated freshwater requirement during the operational phase is 25.2 KLD. The Project Proponent shall obtain and submit a consent letter from the local Panchayat confirming the assured supply of freshwater from authorized sources.
4. **TNPCB Consent:** The Project Proponent shall obtain Consent to Establish (CTE) from the TNPCB before commencement of any construction or operation.
5. **Ammonia Handling and Safety:** As the facility involves use of ammonia as a refrigerant, the Project Proponent shall install appropriate safety mechanisms including ammonia leak detectors, emergency shutdown systems, and adequate ventilation, in accordance with Factories Act and CPCB guidelines.
6. **Renewable Energy Integration:** A rooftop solar power system shall be installed to partially offset the facility's energy demand, thereby promoting sustainable operations and reducing carbon footprint.
7. **Solid Waste Management:** Any solid waste generated shall be managed in compliance with the Solid Waste Management Rules, 2016 (as amended), with proper segregation, storage, and disposal through authorized agencies.
8. **Wastewater Disposal Plan:** A detailed plan for collection, treatment (if applicable), and safe disposal of wastewater from the ice plant shall be submitted to ensure there is no discharge into nearby waterbodies or CRZ-sensitive areas.
9. **Statutory Clearances:** In addition to CRZ clearance, the Project Proponent shall obtain all necessary permissions and NOCs from concerned regulatory agencies

including Local Panchayat, TNPCB, Directorate of Industrial Safety and Health (DISH), and any other applicable authority.

Subject to the above observations and compliance with all applicable regulations under the CRZ Notification, 2011, the TEC recommends the proposal for consideration by the TNSCZMA.

Agenda Item No. 9 Digging of natural sand in the seafront area being observed near M/s. Ideal Beach Resort, situated at Mamallapuram - Violating as per CRZ Notification, 2011 - Show Cause Notice issued - Personal Appearance conducted - Environmental Compensation (Discussion)

Complaints have been received regarding the digging of natural sand in the seafront area being observed near M/s Ideal Beach Resort, Mamallapuram Village, Chengalpattu district and the same has been forwarded to DCZMA Chengalpattu to submit an action taken report.

Subsequently, DEE, TNPCB, Maraimalai Nagar, inspected the site on 04/09/2023 and submitted that digging of natural sand in the seafront about 5 feet depth excavated sand was dumped up to a height of 10 ft along the stretches about 126 m. (12°38'53.09"N, 80°12'26.57" E up to 12°38'56.07"N, 80°12'28.01" E) within their boundary at the backside, and the said violation area falls in CRZ-1B as per approved CZMP maps, i.e. the area between Low Tide Line and High Tide Line under CRZ Notification, 2011. As per provisions of Para 3 (xiii) of CRZ Notification 2011 the activity is a prohibited activity.

Accordingly, the said inspection report was placed before in 122nd TNSCZMA meeting held on 19.11.2023, and decided to issue a **Show-Cause Notice** to the alleged violator. Accordingly, the Member Secretary, TNSCZMA has issued Show Cause Notice to the violator M/s Ideal Beach Resorts, Mamallapuram Village, Chengalpattu district vide Proc.No. P1/2326/2023, dated 05.02.2024 for the offence committed against the provisions of the CRZ Notification, 2011.

In this interim, M/s. Ideal Beach Resort has stated that the cleaned sand was temporarily stocked along the seafront and subsequently used to refill and restore the shoreline to its original condition. However, during this restoration process, officials from the Tamil Nadu Pollution Control Board (TNPCB) inspected the site. They further assured that the refilling and restoration work was completed in September 2023. The resort has also told that no such activities will be undertaken in the future without obtaining prior approval from the competent authority.

Consequently, the Director, Department of Environment and Climate Change (DoE&CC) has instructed the officials to inspect the site and submit a comprehensive report along with the photographs. In response, the Assistant Executive Engineer (AEE) and Forest Range Officer (FRO) from DoE&CC have inspected the site on 17.06.2025 and submitted that the shoreline is found clean with a natural slope. No excavated sand was observed at the site and recommended the followings

- M/s. Ideal Beach Resorts, Mamallapuram Village, Chengalpattu district has submitted a reply to the the show cause notice in connection with CRZ violations. During the inspection, the Unit admitted that the activities within the CRZ area were carried out unknowingly. However, it was informed that the said area was restored to its original condition as of 30th September 2023.
- Environmental compensation may be levied on M/s. Ideal Beach Resort for the period during which the CRZ Violations occurred.

In this regard, the violator called for a personal hearing on 23.07.2025 and enquired about the said violation, and they replied that they restored the seafront to its original position during September 2023 itself.

However, it is submitted that Environmental compensation may be levied on the violator for the offence committed in the CRZ area.

Environmental compensation calculated as per MoEF&CC Office Memorandum F. No. 19-125/2019 IA.III dated 05/03/2020.

Environmental Compensation (EC) as derived by CPCB:

$$EC = PI \times N \times R \times S \times LF$$

Where,

- I. **PI = Pollution index.** Industrial sectors have been categorized based on the Pollution Index range, 60 to 100 means Red, 41 to 59 Orange, 21 to 40 Green. Violation took place in an ecologically sensitive area CRZ-IA Zonation, the value of PI taken as 80.
- II. **N= Number of days of violation took place,** period of violation 04/09/2023 to 30/09/2023, ie, 26 days.

- III. **R= Rupee factor for EC**, Factor of rupee is minimum 100 and maximum 500, so it is suggested to consider R as 250, as the Environmental Compensation in case of violation/damage. R value is 250.
- IV. **S= Scale of operation** in terms of 0.50 for micro or small/1.0 for medium,1.50 for large units. The Built-Up Area (BUA) of violation is 500 m x 25 m = 12500 sqm. As per table, the BUA up to 30000 sqm is small and the value of S is 0.50.
- V. **LF= Location factor**, LF is presumed as 1.0 in case the unit is located >10km from the municipal boundary. LF is 1.0.

Therefore:

- PI = 80.
- N = 26
- R = 250
- S = 0.50
- LF = 1.0

Therefore $EC = 80 \times 26 \times 250 \times 0.5 \times 1.0 = 2,60,000/-$ (Rupees Two lakhs and sixty thousand)

The Authority may consider

Agenda Item No. 10 Complaint received on alleging levelling of sand dunes and removal of Palmyra Palm Trees at Naravakkam Village, Marakkanam Taluk, Villupuram district (Discussion)

The representation received on alleging and levelling of sand dunes and removal of Palmyra Palm trees at Naravakkam Village, Marakkanam Taluk, Villupuram district. Accordingly, the alleged site was inspected by the officials of the TNSCZMA on **14.03.2025** and they submitted a detailed report along with photographs.

In this report, it has been mentioned that two bulldozers were used to level the sand for 7 days and the property owner was directed to halt the levelling operations immediately, as the site falls under CRZ-IA as per the approved Coastal Zone Management Plan (CZMP) prepared as per CRZ Notification, 2011. The owner of the property complied the instructions and ceased the work.

According to the inspection report, the above-mentioned site is located in CRZ-IA (Ecologically Sensitive-sand dunes area) and as per provision of CRZ Notification, 2011, the levelling of sand dunes is strictly prohibited activities.

Based on the report, a Stop Notice and a Show Cause Notice were issued to the Violator (Thiru. Ramamoorthy, Chrompet, Chennai) on 11.06.2025. In response, the violator has replied on 24.06.2025. Accordingly, called for a personal hearing on 10.07.2025

During the hearing, the violator stated that tractors were used solely to transport casuarina trees located on their own land. It was further submitted that on the southern and northern sides of their property, plot layout work is being undertaken by the respective landowners. As their land is unfenced, the plot promoters are utilizing it as a passage for ingress and egress to their site. They also claimed that no activity involving the levelling of sand dunes has been carried out by them.

But as per the inspection report and photos submitted by the inspection team, it clearly showed that two bulldozers were engaged for levelling of the sand dune.

Hence, Environmental compensation was calculated for the period of violation, ten days, as per MoEF&CC Office Memorandum F. No. 19-125/2019 IA.III dated 05/03/2020.

Environmental Compensation (EC) as derived by CPCB:

$$EC = PI \times N \times R \times S \times LF$$

Where,

- i. **PI = Pollution index.** Industrial sectors have been categorized based on the Pollution Index range, 60 to 100 means Red, 41 to 59 Orange, 21 to 40 Green. Violation took place in an ecologically sensitive area CRZ-IA sand dune Zonation, the value of PI taken as 100.
- ii. **N= Number of days of violation took place,** period of violation 04/03/2025 to 14/03/2025, ie, 10 days.
- iii. **R= Rupee factor for EC,** Factor of rupee is minimum 100 and maximum 500, so it is suggested to consider R as 250, as the Environmental Compensation in case of **violation/damage**. R value is 250.
- iv. **S= Scale of operation** in terms of 0.50 for micro or small/1.0 for medium,1.50 for large units. S is 1.50.
- v. **LF= Location factor,** LF is presumed as 1.0 in case the unit is located >10km from the municipal boundary. LF is 1.0.

Whereas,

$$EC = P1 \times N \times R \times S \times LF$$

$$PI = 100$$

$$N = 10$$

$$R = 250$$

$$S = 1.50$$

$$LF = 1.0$$

Therefore $EC = 100 \times 10 \times 250 \times 1.50 \times 1.0 = 3,75,000/-$ (Rupees Three lakhs and seventy-five thousand only).

The Authority may consider

Agenda Item No 11: Procurement of Personal Computers with Print-cum-Scanner for 14 newly recruited Coastal Assistants, working under DCZMAs across 14 Coastal Districts of Tamil Nadu from State Coastal Zone Development Funds (Discussion)

The Government, Environment, Climate Change and Forests Department has sanctioned 14 new Assistant posts across the 14 coastal districts of Tamil Nadu under the Department of Environment and Climate Change, specifically to handle CRZ-related matters and to support District Coastal Zone Management Authorities (DCZMAs), which play a vital role in protecting and conserving the coastal ecosystems.

The duties and responsibilities of the Coastal Assistants include:

- Assisting and coordinating with the district administration in the implementation of CRZ-related activities and other initiatives of the Department of Environment and Climate Change.
- Supporting the TNSCZMA and DCZMA in the preparation of periodic reports about the CRZ proposals, CRZ violations, and post-clearance monitoring.

After implementation of the e-Office system across the Departments, it is essential to equip the newly appointed Coastal Assistants with appropriate infrastructure to facilitate efficient file processing, interdepartmental coordination, timely reporting on CRZ clearances, violations, and post-clearance monitoring and preparation of meeting agenda/minutes etc.,

After reconstitution of DCZMA, it has been noticed that adequate workstation facilities are not available for the newly appointed Coastal Assistants at district level. The District Collector, Ramanathapuram, vide letter dated 26.05.2025, has specifically requested the provision of a Personal Computer with a Printer cum Scanner for their Coastal Assistant. Further other district administration also requested computer and printer exclusively to handle CRZ related works efficiently.

In view of the above, it is proposed to provide one workstation (1 PC + Printer cum Scanner) to each of the 14 Coastal Assistants in the respective coastal districts. The estimated cost including GST is Rs.20.30 Lakhs (as per table 1).

Table 1 - The estimate for the proposed procurement of computer/printer

S. No	Items	Quantity	Estimated Cost approx.	Total
1	Personal Computer (I5 13th Gen Processor 16GB Ram 512GB SSD Windows 11 Professional Operating system Microsoft Office 2021 Pro plus 21.5" Monitor 3-years warranty)	14	1,18,000/- per unit	16,52,000
2	Ups	14	6000/- per unit	84,000
3	Printer A4 sheet cum scanner	14	21000/- per unit	2,94,000
Total expenditure cost				Rs.20,30,000

The above expenditure is proposed to be met out from the State Coastal Zone Development Funds since the DCZMA does not have its own source of funds.

The Authority may consider

Agenda Item No 12: Coastal Regulation Zone - Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) - Reconstitution of Technical Expert Committee (TEC) under TNSCZMA and Revision of Sitting Fee for Expert Members (Discussion)

The Government has constituted Technical Expert Committee to the Tamil Nadu State Coastal Zone Management Authority vide G. O. (Ms). No. 100 Environment, Climate Change and Forest (EC.3) Department dated:13.06.2022 for the effective implementation of the CRZ Notification and for scrutinizing the CRZ applications and CRZ related court cases by providing their valuable remarks.

2) The present members of the Technical Expert Committee are as follows.

1. Dr. Ramesh
Founder Director, National Centre for Sustainable Coastal Management (NCSCM), Anna University Campus, Guindy, Chennai
2. Dr. D. Thirumalaivasan,
Director, Institute of Remote Sensing, Anna University, Chennai.
3. Dr. R. Venkatesan, Scientist G & Group Head - Ocean Observation Systems, National Institute of Ocean Technology (NIOT),
Ministry of Earth Science, Chennai

3) In this connection, it is submitted that the committee was originally constituted on 13.06.2022 to assist the TNSCZMA, which was formed by MoEF & CC, GoI, on 15.09.2021. Now, the TNSCZMA was reconstituted by the MoEF & CC, GoI on 20.11.2024 with a tenure of three years from 20.11.2024, vide S.O. 4994 (E), MoEF & CC, GoI dated 20.11.2024.

4) In light of the reconstitution of the TNSCZMA, it is now proposed to reconstitute the TEC. This reconstitution aims to ensure that the committee continues to serve as a valuable resource for the effective implementation of the provisions of CRZ notifications. The present members listed above in sl.no.1 and 3, have submitted their consent to continue in TEC committees and additionally Scientist G, NIOT, who is an expert member of TNSCZMA has expressed willingness to join in the TEC.

5) Hence, the following experts, **based on their notable experience and credentials in coastal and environmental fields**, are nominated as members of the reconstituted TEC

S. No.	Nominees Name	Present position	Role in the TEC
1	Dr. R. Ramesh	Founder Director, NCSCM / Present Expert Member - TEC & TNSCZMA	Chairman
2	Dr. R. Venkatesan	Former Director i/c, NIOT / Present Expert-Member-TEC Former Expert-Member TNSCZMA	Expert-Member
3	Dr. Basanta Kumar Jena	Scientist G, Coastal & Environmental Engg. Division, NIOT, Chennai / Expert Member - TNSCZMA	Expert-Member
4	Director of Environment & Climate Change / MS-TNSCZMA	o/o Department of Environment & Climate Change	Member-Convener (ex.officio)

6) The TEC will be responsible for

- **Scrutinizing the CRZ related proposals** and to conduct a **detailed review meeting with project proponents** to ensure strict compliance with CRZ Notification and environmental guidelines prior placing the subject to the TNSCZMA.
- Provide technical **recommendations** to TNSCZMA for the proposed projects
- To provide **inputs to court case issues** pertaining to CRZ matters
- To support authority in **special cases requiring the expert inputs** and urgent assessment.

7) **Honorarium to the TEC members:**

- At present, an honorarium of Rs.2000/- per member per meeting is being issued to the members of the Technical Expert Committee (TEC).
- Now, it is proposed that the *honorarium* paid to the expert members, including the Chairman, be revised and re-designated as a *sitting fee*, in line with the remuneration structure approved for the Members of

SEACs and the Expert Members of the TNSCZMA. Accordingly, the sitting fee for TEC members is proposed to be **Rs.7000/-** per member per meeting.

- The expenditure for providing sitting fee and conducting the TEC meeting may be met out from Coastal Zone Development Fund.

The Authority may consider

Agenda Item No.13 Reimbursement of expenditure incurred towards organising Training Programme for Newly Recruited Assistants in 14 Coastal Districts of Tamil Nadu, held on 26th and 27th May 2025 from State Coastal Zone Development Funds to EMAT (Discussion)

The Environment, Climate Change and Forests Department has sanctioned 14 Assistant posts across the 14 coastal districts of Tamil Nadu to support TNSCZMA /DCZMA to handle CRZ proposals, violations and assisting post-clearance monitoring activities. These posts were filled up by the District Collectors from the Revenue Department of the respective coastal districts.

With a view to build their capacity, a two-day training programme was conducted on 26th & 27th May 2025 at the Centre for Climate Change and Disaster Management (CCCCDM), Anna University, Chennai. The training covered CRZ Notifications (2011/2019), CZMP maps which included classroom and field sessions.

The actual expenditure incurred towards organizing the above training program including travelling cost of experts, training materials, food, accommodation and field visit etc comes to Rs. **90,307/-**, which was initially met out from **EMAT funds**.

Hence, the Authority may therefore consider to reimburse the amount to EMAT from the State Coastal Zone Development Funds.

The Authority may approve.

Agenda Item No. 14 Any other subject with the permission of the Chair

Sd./- xxxx

**Thiru A.R. Rahul Nadh, I.A.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 35.**

Sd./- xxxx

**Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State Coastal Zone
Management Authority and
Additional Chief Secretary to Government,
Environment, Climate Change &
Forest Department,
Secretariat, Chennai - 9.**

Minutes of the 136th meeting of Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 29.08.2025

The Member Secretary extended a warm welcome to the Chairperson and all members of the Tamil Nadu State Coastal Zone Management Authority for the 136th meeting of the Tamil Nadu State Coastal Zone Management Authority.

Agenda Item No. 01: Confirmation of the minutes of the 135th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.06.2025

The 135th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 19.06.2025 and the Minutes were communicated to the Members of the Authority, vide letter No. P1/1832/2024 dated 28.06.2025 and was confirmed.

Agenda Item No.02: The action taken on the decisions of 135th meeting of the Authority held on 19.06.2025.

The Member Secretary briefed the Members about the action taken by the Department of Environment and Climate Change in response to the decisions made during the 135th meeting held on 19.06.2025, which was noted down by the members.

Agenda Item No 3: Proposed Underground Sewerage scheme (UGSS) in Cuddalore City Municipal Corporation, Cuddalore, Cuddalore district by the Commissioner, Cuddalore City Municipal Corporation, Cuddalore (Single Window No. SW/252424/2025)

Project Cost: Rs. 173.39 crore

CRZ Classification: CRZ-IB, CRZ-II, CRZ-IVB and outside CRZ area

Provisions in CRZ Notification, 2011:

1. As per CRZ Notification 2011, vide para 8 (i) I CRZ I (i)(b) pipelines, conveying systems including transmission lines are permissible activities.
2. As per CRZ Notification 2011, vide Para 4 (ii) (d), Laying of Pipelines, conveying systems, Transmission line are permissible activities and get prior approval from MoEF & CC, Govt. of India after recommendation of SCZMA.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority

The TNSCZMA reviewed the recommendation of the DCZMA, Cuddalore district, in the meeting held on 06.06.2025. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to recommend the proposal to MoEF&CC, GoI for CRZ Clearance, subject to the following conditions

A. Specific conditions:

1. The proponent should submit NOC from WRD for the discharge of treated water into the Gadilam River before recommending the proposal to MoEF & CC, Govt. of India.
2. The Proponent should install a continuous monitoring system with sampling at 4 locations, 2 at discharge point and 2 before the treatments (as redundancy), complying with CPCB standards in their EMP cost. It should be monitored by third party NABL accredited agency and periodic report should be submitted to TNPCB for their review.
3. The project proponent shall ensure that adequate scour depth is maintained while laying the pipeline across water bodies such as canals and creeks. Under no circumstances shall the natural flow of the river/stream be blocked. Free flow of water shall be maintained at all times.
4. Necessary monitoring should be carried out by the proponent to ensure no leakage or discharge of sewage into the waterbody while crossing over it.
5. The sludge generated from the Sewage Treatment Plant (STP) shall be properly collected, handled, and disposed of only through an authorized vendor, strictly in accordance with the provisions of the Solid Waste Management Rules, 2016 and any other applicable regulations.
6. The construction material debris and other type of waste shall not be disposed of into the sea and CRZ area.
7. The Project Proponent shall implement the project within the stipulated timeline.

8. As requested by the project proponent, exemption is granted from carrying out an effluent dispersion modelling study, since there is no industrial effluent proposed for disposal and the only wastewater generated is domestic sewage.
9. A Standby-by Pumping station shall be provided to ensure operation continuity during system failure and to handle emergency situation.
10. The Project Proponent should follow (a) The pipeline at the disposal point must be designed to prevent seawater ingress into the system. (b) Leak-proof design must be ensured across the pipe-carrying bridge. During operation, no leakage of untreated or partially treated sewage into natural waterbodies shall occur. (c) Sensor-based leak detection systems must be incorporated and maintained.
11. A comprehensive Emergency Preparedness and Disaster Management Plan (EPDMP) shall be submitted, outlining contingency measures for system failure, cyclonic storms, and coastal flooding. A dedicated Disaster Management Cell must be constituted for this purpose.
12. A certificate from the Institute of Remote Sensing (IRS), Anna University, shall be obtained confirming that the proposed pipeline alignment does not intersect any mangrove buffer zone or ecologically sensitive area.
13. The PP should execute MOU with SIPCOT and other industries to reuse the treated effluent for industrial purposes subject to CRZ provisions and quality compliance with CPCB/TNPCB norms.
14. A dedicated backup power system must be established for the STP. The PP shall explore integration of a solar-based renewable power solution to enhance operational resilience and reduce carbon footprint.
15. Construction of the pipe-carrying bridge shall not obstruct the natural flow of the river. Necessary hydrological clearances, if applicable, shall be obtained from relevant authorities.
16. The freshwater required for STP operations and construction shall be sourced outside CRZ. No local borewell or groundwater tapping in CRZ area shall be permitted.
17. The Project Proponent must ensure that the treated effluent disposal point does not impact the water quality, aesthetics, or ecological integrity of the nearby Blue

Flag beach zone. The Beach Management Committee under District Collector shall ensure periodic monitoring to ensure this.

18. The Authority instructed that all the above conditions shall be strictly complied both during the construction and operational phase.

B. General Conditions

1. The Project Proponent shall undertake the establishment only after getting required clearances such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
2. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
3. Consent to Establish, Consent to Operate shall be obtained from the Tamil Nadu State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
4. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed of into the CRZ area or in the backwater.
5. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure no environmental impact.
6. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No 4: Proposed installation of Ground Mounted Solar Power Plant with 0.25 MW capacity at old S.No.15/2A2A/A1A and New S. No. 15/12A2, Injambakkam village, Sholinganallur Taluk, Chennai District by Ms. Mukthaa P, D/o. Mr. Pratish Vedhappudi, New No.90, Old No.11, Shenoy Nagar, Chennai (SW/251425/2025)

Project Cost: Rs.28.5 crores

CRZ Classification: CRZ-II area

Provisions in CRZ Notification, 2011:

- As per CRZ Notification 2011, Para 8(ii) CRZ-II (vii) Facilities for generating power by non-conventional energy resources, desalination plants and weather radars; is the permissible activity.
- Para 4(ii) (h), Facilities for generating power by non-conventional energy resources, desalination plants and weather radars are permissible activity and should get prior approval from MoEF&CC, GoI after recommendation of concern SCZMA.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The TNSCZMA reviewed the recommendation of the DCZMA, Chennai district, in the meeting held on 04.10.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to recommend the proposal to MoEF&CC, GoI, for CRZ Clearance with the following conditions:

A. Specific conditions

1. Freshwater requirement shall be sourced through the Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) or authorized private tankers. No extraction of groundwater is permitted in the CRZ area under any circumstances.
2. PP shall explore the use of robotic dry- cleaning technologies and install water recycling systems with appropriate filtration mechanisms to minimize freshwater use during operation.

3. No permanent or temporary structures (including office, residential or storage units) shall be constructed within the CRZ area except for essential solar infrastructure, strictly as per the CRZ Notification, 2011 and its amendments.
4. The Project Proponent shall ensure that the project does not disturb any sand dunes or potential turtle nesting sites. A pre-construction ecological survey should be conducted to confirm the absence of sensitive coastal features.
5. An effective rainwater harvesting system shall be designed and implemented at the site to augment water efficiency and groundwater recharge in surrounding non-CRZ areas, where permissible, in accordance with the prevailing guidelines.
6. Since the project is positioned as a pilot model for broader rollout, the PP shall document and report its performance—including water savings, energy yield, and land use efficiency to be submitted to TNCZMA after implementation.

B. General conditions

1. The Green belt shall be developed in consultation with District Forest Officer / Green Tamil Nadu Mission and the project proponent must ensure the use of native tree, shrub, and herb species as recommended by the concerned department.
2. Project Proponent shall undertake the establishment only after getting the required Clearances such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
3. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
4. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed off into the CRZ area or in the backwater.

5. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.
6. Consent to Establish, Consent to Operate shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
7. The Authority instruct that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No 5: Proposed Development of Berths I to IV (outer) as container Terminals including Dredging and Construction of Breakwater at VOC Port on DBFOT Basis, Thoothukudi district by The Chief Engineer, M/s. V. O. Chidambaranar Port Authority, Administrative Office, Harbour Estate, Thoothukudi district (SW/127884/2025)

Project Cost: Rs.8000 crores

CRZ Classification: CRZ-IB, CRZ-II and CRZ-IV A area

Provisions in CRZ Notification, 2011:

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- The activity comes under Category 7(e), "Port and Harbour EIA Notification, 2006 and classified as Category "A", the proposal may be recommended to MoEF & CC, Govt. of India as per Para 4(ii) (a) of CRZ Notification, 2011.

- As per the conditions of the existing clearances issued by MoEF & CC, GoI, the project proponent has to approach the MoEF & CC, GoI, for alteration of the project.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Deputy Chairperson of the V.O. Chidambaranar Port Authority highlighted the proposed project and stated that the port expansion is aligned with the Master Plan and the Maritime Vision of India. The project is designed to handle present and future-generation vessels, enhance port cargo handling capacity, increase vessel draft depth, augment infrastructure, and to establish the port as major hub for transshipment and gateway on the eastern coast. He has also informed that the proposed area falls within the Port Limits.

TNSCZMA reviewed the recommendation of the DCZMA, Thoothukudi district, in the meeting held on 27.03.2025. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the compliance provided by the Project Proponent for those comments.

Accordingly, the Authority decided to recommend the proposal to MoEF&CC, GoI, for CRZ Clearance with the following conditions:

A. Specific conditions

1. The project proponent shall undertake controlled capital dredging to avoid dispersion of sediments to adjacent coastal areas and islands in Gulf of Mannar, and should be well within the designated port boundaries.
2. During dredging and reclamation activities, the Project Proponent should adopt effective mitigation measures to prevent the spreading or seepage of sediments beyond the port limit.
3. Latest modern techniques like double wall method, impervious liners should be adopted to prevent leaching of contaminants into surrounding environment during dredging and reclamation.
4. The project proponent shall ensure that the entire dredged material should be utilized for reclamation. The surplus dredged materials if any should not be dumped into the coastal area or into the sea.

5. The project proponent shall ensure that no sea water intrusion or coastal erosion occurs in the adjacent coastal areas and islands of the Gulf of Mannar as a result of the proposed activities, both during the construction and operational phases.
6. The Port authority should engage reputed institutes like SDMRI for continuous monitoring of environmental impact, both during the construction & operation phase and the reports should be submitted to TNSCZMA / Regional Office of MoEF & CC, every six months.
7. During the construction and operation phase, there shall be no damage to coral reef and marine biodiversity. The Port should allocate necessary funds to the competent authority for restoration and conservation of corals and marine biodiversity.
8. The project proponent shall be responsible for any impact to the neighboring coastal area on either side of the proposed port development.
9. The Port shall ensure that dredger ship and other construction equipments/other ships should not pass over the islands of Gulf of Mannar both during construction and operation phase.
10. A continuous air pollution monitoring should be undertaken in the project area so as to implement corrective, mitigation measures immediately on noticing of any adverse impact.
11. As committed by the Port Authority, a sum of **Rs. 10.50 crore** shall be deposited as a voluntary contribution to the Tamil Nadu Marine Resources Foundation (TNMRF) for conservation, mitigation and restoration of corals and Gulf of Mannar ecosystem.
12. The port must ensure the source of fresh water requirement to be sourced from the TWAD/ authorized vendors, no extraction of groundwater is permitted in CRZ area under any circumstances.
13. Recommendation of various studies conducted by various institution as per TOR condition to be strictly followed.

14. The port should prepare its own oil spill contingency plan and should be published in their own website. Regular training programs on mock oil spill drill should be conducted.

B. General conditions

1. Project Proponent shall undertake the establishment only after getting the required Clearance from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
2. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
3. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed off into the CRZ area or in the sea.
4. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.
5. The Consent to Establish, Consent to Operate shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
6. A Comprehensive Disaster Risk Management Plan shall be prepared and submitted, detailing strategies to mitigate risks associated with cyclones, flooding and storm surges, given the coastal vulnerability of the project location.
7. The project proponent is required to set up an Environment Management Cell to oversee and ensure the effective implementations of the recommendations outlined in the Environmental Management Plan included in the EIA report of the project.

8. Construction materials and waste must not be dumped into the sea. A proper disposal plan must be developed and followed in compliance with environmental regulations.
9. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No 6 (i): TNPGL (Erstwhile TANGEDCO) - EC for Expansion by addition of 1 × 800 MW (Stage - III) North Chennai TPP and CRZ clearance for foreshore facilities at Village Ennore & Puzhuvakkam Village, Ponneri Taluk, Tiruvallur district - Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

ii)TNPGL (Erstwhile TANGEDCO) - Captive coal jetty and Pipe conveyor system for the coal logistics required for the Udangudi Super Critical Thermal Power Project Stage-I (2 × 660 MW) - Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

iii)TNPGL (Erstwhile TANGEDCO) - ETPS Exp TPP - (1 × 660 MW) supercritical Thermal power project (Expansion)at Ernavur village, Ennore, Chennai district - Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

iv)TNPGL (Erstwhile TANGEDCO) - Uppur STPP - 2 ×800 MW supercritical Thermal power project and CRZ clearance for the foreshore facilities (cooling water intake and outfall structures) at Villages Uppur, Valamavoor & Thiruppalaikudi, Tiruvadanai Taluk, Ramanathapuram district - Name Transfer of EC & CRZ Clearance from M/s. TANGEDCO to M/s Tamil Nadu Power Generation Corporation Limited (TNPGL).

The Project Proponent stated that as per G.O. (Ms). No. 6, Energy (B2) Department dated:24.01.2024 and published in the Tamil Nadu Government Gazette Notification No.90 Part-II - Section-1, dated 06.03.2024, TANGEDCO was bifurcated into M/s TNPGL for administrative convenience and to improve the performance. Now,

all the Thermal stations & Thermal power projects of Erstwhile TANGEDCO come under newly formed TNPGL.

As per OM dated: 03.11.2023 issued by MoEF & CC, GoI, it is mandatory to transfer the EC & CRZ clearance in the transferee's name within 12 months from the date of bifurcation. Further, as per OM dt. 03.07.2023 issued by MoEF & CC, GoI, it is essential to obtain recommendations of Coastal Zone Management Authority to transfer the CRZ clearance in the transferee's name.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority

The Authority decided to recommend the above name transfer proposal to MoEF & CC, GoI, for CRZ Clearance with the following conditions:

1. The proposed name transfer pertains solely to a change in project ownership and does not involve any modification in project scope, capacity, location, CRZ classification, or environmental safeguards.
2. There should not be any change in project parameters and all statutory conditions remain enforceable on the transferee entity (TNPGL).
3. All original conditions stipulated in the EC and CRZ Clearances granted to TANGEDCO shall remain binding on TNPGL. These include compliance with CRZ Notification, 2011; EIA Notification, 2006; marine and coastal ecological safeguards; pollution control norms; and public safety requirements.
4. TNPGL shall ensure that the environmental monitoring, reporting obligations, and regulatory submissions remain continuous and transparent, with no disruption due to the change in name.
5. Any future modifications, expansions, or deviations in operational or technical aspects of the projects must be submitted afresh for appraisal and prior approval by the TNSZMA and MoEF&CC, as applicable.

Agenda Item No 7: Proposed construction of Shopping Complex & Multipurpose Hall at S.F. No.219/3A, Tiruchendur Village & Taluk, Thoothukudi district by Thiru Kumaran, Adyar, Chennai district (Single Window No. SW/243512/2025)

Project Cost: Rs.5 crore.

CRZ Classification: CRZ-II area

Provisions in CRZ Notification, 2011:

- As per CRZ Notification 2011, vide para 8(i) II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level". Note: The Arulmigu Subramaniya Swamy Temple, an authorized structure and existing road as per the approved CZMP is located between the High Tide Line (HTL) and the proposed project site.
- Para 8(i) II CRZ-II, (iii), Reconstruction of authorized building to be permitted subject with the existing Floor Space Index or Floor Area Ratio Norms and without change in present use.
- As per Para 4(i)(d) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The TNSCZMA reviewed the recommendation of the DCZMA, Thoothukudi district, in the meeting held on 11.12.2024. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to recommend the proposal to DTCP, for CRZ Clearance with the following conditions:

A. Specific conditions

1. Freshwater requirement shall be sourced from the local authority or authorized private tankers. No extraction of groundwater is permitted in the CRZ area under any circumstances.

2. The project premises shall be declared as a Plastic-Free Zone. The Use of single-use plastics shall be avoided, and eco-friendly or sustainable alternatives are to be encouraged.
3. A rooftop solar photovoltaic system shall be installed to meet a portion of the project's energy requirements and promote the use of renewable energy maximum extent possible.
4. A greenbelt shall be developed along the project boundary with native species.
5. The project shall incorporate a scientifically designed rainwater harvesting system to enhance water conservation and groundwater recharge.
6. The project proponent has ensured that grey water shall be reused for gardening, landscaping purpose thereby ensuring minimal discharge of untreated effluent.

B. General conditions

1. No extraction of groundwater is permitted in the CRZ area under any circumstances.
2. The Project Proponent shall undertake the establishment only after getting the required Clearance from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
3. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
4. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed off into the CRZ area or in the sea.
5. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.

6. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No 8: Proposed construction of Matha Ice plant at S. F. Nos. 213/6C & 213/7A1A2, Painkulam Village, Killiyur Taluk, Kanyakumari District by Mr.L.Robert Bruce, Parakani, Thengapattanam PO, Kanyakumari District (Single Window No.SW/250050/2025)

Project Cost: Rs.1.91 Crore.

CRZ Classification: CRZ-III (NDZ)

Provisions in CRZ Notification, 2011:

- As per para 8(III) CRZ III(A) facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, **ice plant**, ice crushing units, fish curing facilities and the like; is permissible activities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to DTCP, for issuing Clearance.

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The TNSCZMA reviewed the recommendation of the DCZMA, Kanniyakumari district, in the meeting held on 07.05.2025. The Authority has also taken note of the remarks of Technical Expert Committee (TEC) and the response provided by the Project Proponent for those comments.

The Authority decided to recommend the proposal to DTCP, for CRZ Clearance with the following conditions:

A. Specific conditions

1. No construction activity shall be started prior to obtaining CRZ clearance from the competent authority.
2. Freshwater requirement shall be sourced from the local authority or authorized private tankers. No extraction of groundwater is permitted in the CRZ area under any circumstances.
3. The project proponent shall ensure that no waste water from the ice plant should be discharged into the sea.

4. The project proponent should be installed ammonia leakage detectors at all critical points of the ice plant, including compressor rooms, storage areas, and pipelines carrying ammonia. The detectors shall be connected with an audible and visual alarm system for early warning. Emergency shutdown system and adequate ventilation provided in accordance with factories act and CPCB guidelines.
5. The project proponent shall submit detailed provisions for the management and disposal of wastewater generated during the operation of the ice plant. The system shall be designed and operated in compliance with applicable environmental standards, and no untreated wastewater shall be discharged into the surrounding environment.
6. The Project proponent should install rooftop solar power system to partially offset the factory energy demand and to reduce reliance on non-renewable energy.

B. General conditions

1. The Project Proponent shall undertake the establishment only after getting the required Clearance from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.
2. The project proponent shall segregate the municipal solid waste generated as Bio Degradable and Non-Bio Degradable (Recyclable) and dispose the same scientifically as stipulated in Solid Waste Management (Amendment) Rules, 2020.
3. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The construction debris and other type of waste shall not be disposed of into the CRZ area or in the sea.
4. Any Hazardous waste generated during construction/operation phase shall be disposed as per applicable rules and norms with necessary approvals of the TNPCB.
5. Consent to Establish shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water

(Prevention and Control of Pollution) Act, 1974, as may be applicable.

6. The Project Proponent shall strictly adhere to the Environmental Management Plan during both construction and operational phases to ensure minimal environmental impact.
7. The Authority instructed that all the conditions imposed by the TNSCZMA and the DCZMA shall be strictly complied with.

Agenda Item No. 9 Digging of natural sand in the seafront area being observed near M/s. Ideal Beach Resort, situated at Mamallapuram - Violating as per CRZ Notification, 2011 - Show Cause Notice issued - Personal Appearance conducted - Environmental Compensation (Discussion)

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Authority accepted the Environmental Compensation of Rs.2,60,000/- which was calculated as per CPCB formula for imposing a penalty regarding the allegation for digging of natural sand in the seafront area, committed by M/s. Ideal Beach Resort against the para 3 (xiii) of the CRZ notification 2011, which stipulates it as a prohibited activity.

The Authority instructed the Member secretary, TNSCZMA to calculate and collect the environmental compensation from the violator, in consultation with TNPCB.

Agenda Item No. 10 Complaint received on alleging levelling of sand dunes and removal of Palmyra Palm Trees at Naravakkam Village, Marakkanam Taluk, Villupuram district (Discussion)

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Authority opined that the Environmental Compensation of Rs. 3,75,000/- calculated as per CPCB formula for the subject allegation is found to be on the lower side and compensation for removal of palmyra palm tree has not been accounted for.

Hence the authority instructed TNPCB to recalculate the compensation based on the CRZ zonation and damage to ecologically sensitivity etc.,

Agenda Item No 11: Procurement of Personal Computers with Print-cum-Scanner for 14 newly recruited Coastal Assistants, working under DCZMAs across 14 Coastal Districts of TamilNadu from State Coastal Zone Development Funds (Discussion)

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Authority approved the procurement of Personal Computers with Print-cum-Scanner for newly recruited Coastal Assistants, working under DCZMAs across 14 Coastal Districts of Tamil Nadu from State Coastal Zone Development Funds, following due procedure.

The Authority has also instructed that necessary furniture may be provided to the Assistants, based on their requirement. Further, it has been directed to install a DCZMA Office signboard at a prominent location in the Collectorate for easy identification by the general public.

Agenda Item No 12: Coastal Regulation Zone- Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) - Reconstitution of Technical Expert Committee (TEC) under TNSCZMA and Revision of Sitting Fee for Expert Members (Discussion)

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Authority accepted the reconstitution of the Technical Expert Committee (TEC) as proposed. The authority also approved the revision of the sitting fee for the TEC Chairperson and Members on par with sitting fees of Expert Members of SEAC-TN.

Agenda Item No.13 Reimbursement of expenditure incurred towards organising Training Programme for Newly Recruited Assistants in 14 Coastal Districts of Tamil Nadu, held on 26th and 27th May 2025 from State Coastal Zone Development Funds to EMAT (Discussion)

Decision / Remarks of Tamil Nadu State Coastal Zone Management Authority:

The Authority resolved to permit the Member-Secretary, TNSCZMA to reimburse the expenditure incurred towards organizing the Training Programme for

newly recruited Assistants in 14 Coastal Districts of Tamil Nadu, at a cost of Rs. 90,307/-, from the EMAT advance fund under the Coastal Zone Development Fund.

Agenda Item No. 14 Any other subject with the permission of the Chair

- (i) **Requirement of GIS Expert - To manage the increasing workload relating to preparation and updation of Coastal Zone Management Plans (CZMPs), monitoring of Coastal Regulation Zone (CRZ) violations, preparation of thematic maps, satellite data interpretation, and other geospatial analysis.**

The Authority reviewed the requirement of engaging an GIS Expert to manage the increasing workload relating to the preparation and updation of the Coastal Zone Management Plan (CZMP), monitoring of CRZ violations and the scrutiny of Environmental Management Plans (EMP) and Environmental Impact Assessment (EIA) reports submitted by project proponents.

After detailed deliberation, the Authority resolved to engage one Expert on a contract basis for both GIS-related tasks and the technical examination of EMP/EIA reports to ensure compliance with prescribed guidelines and project-specific requirements.

The Authority also decided that the Expert shall possess a Ph.D. qualification in Environmental Science or a related discipline, along with adequate knowledge and experience in GIS applications. The authority also approved the proposed remuneration of Rs.2,00,000/- per month. Accordingly, the Authority approved the proposal to engage one Expert on a contract basis through the due procedure.

(ii) Regular Monitoring of beach resorts/ hotels located in CRZ area

During the discussion, the Chairperson concerned that some beach resorts/hotel in the CRZ area were violating the CRZ norms, thereby adversely affecting the coastal ecology and environment.

The Chairperson directed the Member-Secretary, TNCZMA to draft a circular to all beach resorts/hotels located in CRZ areas for strict compliance on

(i) No violation of CRZ norms in NDZ zone (ii) No disturbance to ecologically sensitive area like sand dunes, turtle nesting ground, etc (iii) No encroachment of ESA area (iv) Promoting bio shield plantation to prevent soil erosion on seaward side (v) No bright lighting and restricting noise level to support nesting activities (vi) No obstruction to Public access to the beach (vii) Maintaining of coastal area without any debris (viii) Ensuring proper disposal of garbage and waste with a view to conserving and protecting the coastal environment.

Sd./- xxxx

**Thiru A.R. Rahul Nadh, I.A.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 35.**

Sd./- xxxx

**Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State Coastal
Zone Management Authority and
Additional Chief Secretary to Government,
Environment, Climate Change &
Forest Department,
Secretariat, Chennai - 9.**