

# AGENDA NOTES

64<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

**Date:** 20.07.2011  
**Time:** 03.30 P.M.

**Venue:** Agricultural Conference Hall,  
I floor, Secretariat  
Chennai - 600 009

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**AGENDA NOTES FOR THE 64<sup>th</sup> MEETING OF  
THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT  
AUTHORITY**

**Date & Time:**  
20.07.2011 - 03.30 P.M.

**Venue:** Agricultural Conference Hall  
I floor, Secretariat,  
Chennai - 600 009

**AGENDA ITEM NO.01:** Confirmation of the minutes of the 63<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.02.2011.

The 63<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 28.02.2011 and the minutes were communicated in letter no.P1/444/2011 dated 01.03.2011 of Director of Environment. It may be confirmed.

**MINUTES OF THE 63<sup>rd</sup> MEETING OF THE TAMIL NADU STATE  
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 28.02.2011**

**AGENDA ITEM NO.1 Confirmation of the Minutes of the 62<sup>nd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority  
held on 30.12.2010.**

The minutes of the 62<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 30.12.2010 communicated in Letter No.P1/1578/2005 dated 13.01.2011 of the Director of Environment, was confirmed.

**AGENDA ITEM NO.2 Report on the follow up action taken in respect of  
decisions taken during the 62<sup>nd</sup> meeting of the  
TNSCZMA.**

(i) The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken during the 62<sup>nd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 30.12.2010.

(ii) The Members were of the view that the agencies, for monitoring and to ensure the implementation of the conditions imposed by the Authority are suggested / finalized while recommending/ clearing the projects proposals by the Authority.

**(iii) Construction of a Bridge at km 0/4 of Seruthur to Velankanni Road  
across River Vellaiyar.**

With reference to the construction of Bridge at km 0/4 of Seruthur to Velankanni road across River Velliyar including improvement to approaches in km 0/0 to 0/8 in Nagapattinam district proposed by Highways Department, as resolved by the SCZMA in the 62<sup>nd</sup> meeting held on 30.12.2010, the District Collector, Nagapattinam District had consultations with the local communities. The District Collector, Nagapattinam, after the consultations, has stated that there is no objection at present and he suggested in Ir. No. 83/D.C./2011 dated 14.02.2011, to consider the above proposal favourably. The "Grishthava Makkal Nala Amaippu", Velankanni who has objected earlier for the construction of said bridge has withdrawn their objections in their letter dated 02.02.2011. As it was already decided that District Collector's views are final for considering the proposal, the

Authority has resolved to recommend the proposals to the Ministry of Environment and Forests, GoI for consideration.

.3.

**AGENDA ITEM NO.03**      **Construction of an Auditorium Muthamizh Mandram at R.S. No. 4269/3, Mylapore, Chennai proposed by M/s.Muthamizh Peravai Charitable Trust, Chennai.**

The Authority was briefed by the CMDA representative member on the Proposal. As per the details furnished by the CMDA (based on the existing procedures CMDA is following) the proposed construction is falling on the landward side of the existing authorized structures and accordingly CMDA has stated that the proposed construction satisfies CRZ-II regulations. The CMDA has also stated that the plan satisfies its Development regulations. The Authority has noted that all the development activities (except activities which require clearance from MoEF & prohibited activities) upto the project cost of Rs.5.00 crores has been regulated by the CMDA under para 3(3) (ii) of CRZ Notification 1991, with in the frame work of such approved Coastal Zone Management Plans (CZMP) in accordance with the provisions of the CRZ Notification 1991, till 6<sup>th</sup> January 2011. However as per CRZ Notification 2011, vide para 4 (i) (d) construction involving less than 20,000 sq.mts. requires recommendation from the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA), before grant of approval by the relevant planning authority and hence the CMDA has referred the above proposal to the TNSCZMA.

After considering the above facts, the Authority resolved to clear the above proposals subject to the following specific conditions;

- a) Planning Permission shall be obtained from the Chennai Metropolitan Development Authority.
- b) There should not be any ground water extraction in CRZ.

**AGENDA ITEM NO.04**      **Issue of Planning Permission and approval for the constructions less than 20,000 sq.mts. in CRZ-II areas - clarification sought for by the CMDA.**

In respect of applications seeking Planning Permissions from CMDA, which attract CRZ Notification 2011, which came into effect from 06.01.2011, the Authority resolved to get the orders on the delegation of powers to the CMDA

either from the State Government or Ministry of Environment and Forests, GoI, as applicable, based on the opinion to be obtained by the Law Department and the H&UD Department on the instructions of para 4(i) (d) and para 5 (x) of CRZ Notifications 2011.

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**AGENDA ITEM NO:05**      **Shifting of intake channel location of drawal of sea water, outfall channel location for discharge of treated waste water/cooling water in connection with the 2x600 MW Thermal Power Project at Pattinamaruthur village, Thoothukkudi district proposed by M/s. Coastal Energen (P) Ltd., Chennai**

The Authority resolved to recommend the proposed construction of pipelines instead of open channel with the changes in the route and location of sea water intake and outfall points based on modeling studies, to Ministry of Environment and Forests, Government of India, for their consideration, subject to the condition that the proponent shall provide online monitoring system to monitor the temperatures of water at inlet and outlet in the plant, regularly.

**AGENDA ITEM NO.06**      **Construction of intake/ outfall pipelines, pump house for the proposed desalination plant of 10 MLD capacity at Keela Arasaradi Village, Ottapidaram taluk, Thoothukkudi district proposed by M/s. South Ganga Waters Technolgies (P) Ltd., Chennai.**

The Authority resolved to recommend the proposal for the Construction of intake, outfall pipelines and pump house facilities to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The out fall point in the sea shall be not less than the depth of 3 to 4 meters and length of the pipeline be not less than 200mts.
- b) The unit shall utilize only the sodium hypo chloride for chlorination of sea water.
- c) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board.
- d) The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet in the plant, regularly.

Sd/-xxx

Thiru T.S. Srinivasamurthy., I.F.S.  
Member Secretary, TNSCZMA and  
Director, Dept. of Environment,  
Chennai -15

Sd/-xxx

Dr. P. Rama Mohana Rao., I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept., Ch-9.

**AGENDA ITEM NO.02: The action taken on the decisions of 63<sup>rd</sup> meeting of the authority held on 28.02.2011 are given below:**

SI. No	Description of proposals	Action taken
01	Construction of an Auditorium Muthamizh Mandram at R.S. No. 4269/3, Mylapore, Chennai proposed by M/s.Muthamizh Peravai Charitable Trust, Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the construction of Auditorium Muthamizh Mandram in Pro. No.P1/66/2011 dated 28.02.2011.
02	Issue of Planning Permission and approval for the constructions less than 20,000 sq.mts. in CRZ-II areas - clarification sought for by the CMDA	As resolved, proposal has been sent to Government in Roc. No. P1/443/2011 dated 02.03.2011 for consideration, that the CMDA may be delegated to continue to adhere and act, as per the instructions issued by Government of Tamil Nadu in letter No. 29477/EC-3/2005-1 E&F Department dated 02.11.2005 in respect of Project proposals upto Rs. 5.00 crores.
03	Shifting of intake channel location of drawal of sea water, outfall channel location for discharge of treated waste water/cooling water in connection with the 2x600 MW Thermal Power Project at Pattinamaruthur village, Thoothukkudi dt., proposed by M/s. Coastal Energen (P) Ltd., Chennai	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1931/2010/P1 dated 01.03.2011.
04.	Construction of intake/ outfall pipelines, pump house for the proposed desalination plant of 10 MLD capacity at Keela Arasaradi Village, Ottapidaram taluk, Thoothukkudi district proposed by M/s. South Ganga Waters Technolgies (P) Ltd., Chennai	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 07/2011/P1 dated 01.03.2011
05	Construction of a Bridge at km 0/4 of Seruthur to Velankanni Road across River Vellaiyar proposed by Highways	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter



Department.	No. 2166 /2010/P1 dated 01.03.2011
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**AGENDA ITEM NO.3:** **Setting up of a Captive Marine Terminal and terminal marine facilities at Panaiyur village, Cheyyur Taluk, Kancheepuram district for handling coal imports, water intake and outfall facilities, coal conveyor system etc., for the proposed 4000 MW Ultra Mega Power Project at Cheyyur, Kancheepuram district proposed by M/s. Coastal Tamil Nadu Power Limited, New Delhi**

M/s. Coastal Tamil Nadu Power Limited, New Delhi have proposed to establish a Captive Port at Panaiyur village, Kancheepuram district for handling coal imports and allied facilities such as intake of sea water and outfall brine into the sea.

2) The subject was placed in the 53<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.08.2009 and the Authority has resolved to request the applicant to locate the project to an alternative site as the proposed areas have been earmarked for Eco-tourism activities and also due to the presence of several settlements, salt pans near the project areas. Further the project areas are having cluster of sand dunes. The Authority has resolved to request the applicant to identify non ecologically sensitive areas for the project.

3) However, in Letter dated 16<sup>th</sup> October 2009, M/s. Coastal Tamil Nadu Power Limited, New Delhi has furnished Pre-feasibility report along with application and HTL demarcation map obtained from M/s. Institute of Remote Sensing, Anna University to establish a Captive Port in non-sand dune areas at S.Nos. 350 part., S.Nos. 346 part, 349 part, 353 part, 351 and 352 at Panaiyur village, Cheyyur Taluk, Kancheepuram district and the applicant has requested to issue "In-Principle" Clearance for the Port Site.

4) The subject was again placed in the 54<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA), held on 28.10.2009 for consideration. In the said meeting, the Authority has clarified that they have No Objection in carrying out the feasibility studies with reference to the project and resolved that, among other general aspects, a detailed study should be conducted, in respect of the following with reference to the project.

- i) Probable adverse impacts on the proposed Break waters as two settlements lie, one each on either side of the proposed project area.
- ii) The impact on the cluster of sand dunes available around the project site.

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- iii) The presence of Turtle nesting sites along the project site and the potential impact.
- iv) The presence of Tourism corridor near the project site.
- v) The Authority further clarified that the above NOC is to be taken only as a consent on the issues to be included in the Terms of Reference.
- vi) The Authority resolved that "In-Principle" clearance for the project site is not possible as no provision is available to issue such clearance under the CRZ Notification 1991.
- vii) The Authority also requested the applicant to apply for Clearance under CRZ Notification 1991, along with the detailed environmental study reports, NOCs from the concerned departments viz., Tourism, Forests, Highways, Town and Country Planning, TNPCB, etc., and shall not carryout any activity with out the prior Environmental Clearance from the Authorities concerned.
- viii) The above facts have also been sent to the Ministry of Environment and Forests, Government of India from the Government of Tamil Nadu in Ir. No. 21307/EC-3/2009-1 Environment and Forests Department dated 24.11.2009.

5) Now the DCZMA, Kancheepuram district recommended the project with several conditions again., proposed by M/s. Coastal Tamil Nadu Power Limited, New Delhi for the consideration of the TNSCZMA.

6) The following are the major features / activities, which are falling in CRZ III, CRZ(I) (B) ((inter tidal zone) & CRZ IV

- a) The project area is 84 acres
- b) The Ultra Mega Power Plant will be located at Cheyyur at a distance of 5Kms to the west of proposed Captive Jetty location.
- c) The total coal import is estimated at 12 to 14 million MT/Annum and the estimated daily consumption is 40000 to 45000 MT.

d) The Coal jetty has been proposed at 1.275 km from the shore which contain two berths at 19m CD at sea and designed to handle Cape Size and Panamax vessels for unloading coal.

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e) The coal will be transported through Pipe Conveyor system from the coal jetty to the Power plant by providing trestles at + 5m.CD.

f) The proposal involves the construction of two break waters to provide the required tranquility - one about 1575m long on the northern side and another about 1970m long on the Southern/ eastern side at the depth of 11 to 14.5m and 10m to 13.5 m respectively.

g) The length and width of approach channel is about 3.9Km and 230mts. The approach channel and the berthing area near the jetty will be dredged to (-) 20.5m CD.

h) The trestle will be about 15m wide from shore to water intake structure and thereafter 10m wide with the length of 1275 mts distance perpendicular to coastline.

i) The intake (2No x 2100mm dia) and out fall ( 2 No x 1700 mm dia) systems are proposed at 0.3 km and 2.75 km distance from the HTL respectively.

j) The total estimated quantity of dredging is 7.8 million cubic meters and it is proposed to dump at an appropriate location in the open sea.

k) As per the report the coal conveyor system and intake and outfall pipeline structure are passing through the sand dunes, Buckingham canal at higher elevations and no supporting structure will be constructed in the sand dunes and in CRZ area of B'canal.

l) As per the report various organizations have recorded turtle eggs near Panaiyur Chinnakuppam during 2008. Review of literature on surveys and turtle nesting / movement between and Pondicherry and Chennai coast indicates that these coastal areas are considered to be Olive Ridley Turtle nesting sites between January to March every year. However the report filed by the applicant indicated that the port area is not a notified turtle nesting area.

m) The proposal involves construction of some utility buildings and facilities on shore and also a stockyard on land for stocking two shiploads of coal.

7. As per CRZ Notification 2011 dated 6<sup>th</sup> January 2011, the proposal requires clearance from the MoEF., GoI.

The Authority may consider

.9.

**AGENDA ITEM NO.04 Reconstruction Of 13 houses in two villages in Ramanathapuram District under Emergency Tsunami Reconstruction Project**

The District Collector, Ramanathapuram has forwarded the proposals for the reconstruction of 13 houses in 2 villages as follows with the request to issue clearance under Coastal Regulation Zone Notification, 2011.

**2) Sites situated in 200mts - 500mts from HTL in CRZ III.**

Sl. No	Location of the Project	Survey Nos.	No. of Houses	Extent (Hec)	Cost of the Project (In lakhs)
1	Valinokkam	136/2a, 2b, 136/3b, 136/5, 136/1B1B	4	00.01.20	12.80
2.	Mokkaiyur	254, 254/4,5,18, 255/9, 1A, 6,5, 255/A1A1	9	00.02.70	28.80
	TOTAL		13		

3) As per Para 8 III CRZ-III (vii) of the CRZ Notification 2011, in CRZ-III areas, within 200m- 500m from HTL, for the construction of houses the following aspects have to be examined.

a) that the constructions within the ambit of traditional rights and customary uses.

b) that the overall height of the buildings shall not exceed 9 mts., and not to be more than 2 floors.

4) The District Committee has certified that their proposed constructions are in conformity with the aspects (a) & (b) of para 3 above.

5) The proposals of the District Collector, Ramanathapuram has been considered in the District Coastal Zone Management Authority of Ramanthapuram District in their meeting held on 23.02.2011 and the proposals have been recommended for the consideration of the SCZMA.

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6) As per Para 8 III CRZ-III (vii) of the CRZ Notification 2011, in CRZ-III areas, within 200m- 500m from HTL, the construction and reconstruction of dwelling units so long it is within the ambit of traditional rights and customary uses of existing fishing villages is permissible activity.

7) Earlier similar proposals have been cleared by the SCZMA subject to the following conditions:

- a) All activities should be in conformity with the provisions of the CRZ Notification 1991.
- b) The activities should not cause any adverse impact on the nearby ecological biodiversities
- c) There should not be any ground water extraction in CRZ
- d) Treated/untreated sewage should not be let out in the CRZ
- e) Construction in between HTL and LTL of any nature should be avoided.
- f) Water and sanitation conditions may be taken due care by providing proper treatment system.
- g) Natural landforms in the coastal zone like beaches and dunes should not be altered or levelled.
- h) Proper arrangements should be made for the proper disposal of solid wastes generated in the project areas.

The Authority may consider.

**AGENDA ITEM NO.05 Coastal Regulation Zone (CRZ) Notifications 1991 & 2011 - Instructions u/s 5 of Environment (Protection) Act 1986 to the District Coastal Zone Management Authorities & CMDA to identify violations and take action.**

Ministry of Environment and Forests (MoEF), Government of India have issued directions under section 5 of the Environment (Protection) Act 1986, to all the State Coastal Zone Management Authorities (SCZMA), in Lr. No. 11-83/2005-IA-III dated 25<sup>th</sup> January 2011 (copy enclosed), to identify violations under CRZ Notification 1991 and the approved Coastal Zone Management Plan there under in a period of four months and initiate action upon the identified violations within four months thereafter. Government of India have also instructed to upload the relevant details of the identified violations, including the action taken on the violations on website every fortnight.

2) The Government of Tamil Nadu have constituted District Coastal Zone Management Authorities (DCZMA) for all the Coastal districts in G.O.Ms.No.163 Environment and Forests Department dated 09.06.1998 under the provisions of the above said para 4 of the CRZ Notification 1991 and also a separate DCZMA for CMDA areas under the Chairmanship of Additional Director of Environment in GO.(Ms).No.85 E&F Department dated 29.06.2010. Further Government in Lr. No. 29477/EC-3/2005-1 Environment and Forests Department dated 02.11.2005 has delegated powers to deal CRZ issues in CMDA jurisdiction, upto the project costs of Rs.5.00 crores, as per CRZ Notification 1991.

3) As per para 6 of the above said Government order dated 09.06.1998, the District Coastal Zone Management Authority is responsible for monitoring and enforcement / implementation of the provisions of the Coastal Regulation Zone Notification and to ensure that the activities within CRZ take place as per approved Management Plan in their respective jurisdiction. Accordingly, the complaints have been referred by the Member Secretary, SCZMA to the above District Coastal Zone Management Authorities / CMDA for immediate action and report.

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4) In view of above facts, Government in Ir., 27.04.20211 have requested all the District Collectors/Chairman, District Coastal Zone Management Authorities (DCZZMA), Chennai Metropolitan Development Authority and Chennai Corporation to identify CRZ violations and also to initiate action upon the said identified violations as instructed by MoEF., GoI in letter dated 25<sup>th</sup> January 2011, indicated in para 1 above.

5) In the 21<sup>st</sup> meeting of the National Coastal Zone Management Authority (NCZMA) held on 19<sup>th</sup> April 2011, at New Delhi the NCZMA has insisted that the directions of the GoI in Ir dated 25.01.201, indicated in the first para above, have to be placed before the SCZMA and directions shall be given u/s 5 of EP Act 1986 from SCZMA, to the DCZMAs/ CMDA for compliance.

6) Hence as suggested by the NCZMA, indicated above, the District Collectors / Chairman, DCZMAs, CMDA & Corporation of Chennai may be instructed u/s 5 of EP Act 1986, to identify violations under CRZ Notification 1991 and to initiate action upon the identified violations immediately. Further they may also be requested to send periodical returns and send the details once in every fortnight, to the Department of Environment, so as to upload the said details on website every month and to send a report to Government of India.

The Authority may consider.

**AGENDA ITEM NO:06 ANY OTHER ISSUES WITH THE PERMISSION OF CHAIR.**

Sd/-xxxx  
Thiru T.S. Srinivasamurthy., I.F.S.  
Member Secretary, TNSCZMA and  
Director, Dept. of Environment,  
Chennai -15

Sd/- xxxx  
Thiru Viswanath Shegaonker., I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Dept.,  
Chennai - 9



**Addl. AGENDA ITEM NO.02: Construction of Multipurpose Evacuation shelters along with approach roads for the shelters under ETRP proposed by the Coastal District Collectors.**

The Tamil Nadu Government have taken up the project viz., "construction of Multipurpose Evacuation Shelters with approach roads for the said shelters under Phase II of the ETRP with the financial assistance from the World Bank. Each evacuation shelter is provided with shelter space for the purpose of protection to local people during adverse climatic conditions / natural calamities. These shelters will be used as community buildings/ school buildings during normal situation. Evacuation shelters also provide enough space for beds. Separate sheds as shelters will also be provided for cattle, the main livestock of the people. The Evacuation shelters are proposed with 4 types of buildings designed based on the serviceable population (copy enclosed)

2) The details of Evacuation shelters along with approach roads, for which clearance under CRZ Notification 2011 sought for by the concerned District Collectors are given below. Except Kancheepuram, Villuppuram and Ramanathapuram districts, all the applications, have been received with the recommendation of the District Coastal Zone Management Authorities concerned.

**1. PUDUKKOTTAI DISTRICT**

**Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Pillayarthidal	44/1	CRZ III
2.	Manamelkudi	290/14	CRZ III
3.	Avudaiyar Pattinam	2/4	CRZ III
4.	Periyamadaippaichal	109/2	CRZ III
5.	Kodikulam	218/3	CRZ III
6.	Nattanipurasakudi	53/4	CRZ III

**Approach roads for Evacuation shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Pillaarthidal	44/1	CRZ III
2.	Manamelkudi	290/14	CRZ III
3.	Periyamadaippaichal	109/2	CRZ III

4.	Kodikulam	218/3	CRZ III
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## **2. NAGAPATTINAM DISTRICT**

### **Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Vanagiri	397/3B	CRZ III
2.	Velankanni	1/3A2	CRZ III
3.	Kaveripoompattinam	392/1, 4	CRZ III
4.	Manickapangu	154/2	CRZ III

## **3. CUDDALORE DISTRICT**

### **Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Thiyagavalli Madura Nayakkanpettai	349	CRZ III
2.	Killai (north) Kozhaitaru	521/7	CRZ III

## **4. THANJAVUR DISTRICT**

### **Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Pudupattinam	21/1	CRZ III
2.	Karisavayal	102/8	CRZ III
3.	Nadiyam	27/1	CRZ III
4.	Marakkavalasai	1543/2/8	CRZ III
5.	Thiruvathevan-2	327/3 (301/3)	CRZ III
6.	Vilangulam	228/1	CRZ III

## **5. KANNIYAKUMARI DISTRICT**

### **Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Kanniyakumari	608	CRZ II
2.	Midalam	7/13	CRZ III
3.	Pozhikarai/ Rajakamangalam	1375/1	CRZ III
4.	Puthenthurai / Kesavan Puthenthurai	711	CRZ III
5.	Ezhudesam toothur	296/8	CRZ III
6.	Kollencode / Vallavilai	551	CRZ III
7.	Kollencode / Marthandanthurai	555/2	CRZ III

### **Approach roads for Evacuation shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Kollamcode	551	CRZ III
2.	Ezhudesam	296/2	CRZ III



**6. THOOTHUKKDI DISTRICT****Evacuation Shelters & approach roads**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Tharuvaikulam	345/1	CRZ III
2.	Kayalpattinam south	317/2A2	CRZ III
3.	Amali Nagar (Keela Tiruchendur)	296	CRZ III
4.	Alanthalai (Keela Tiruchendur)	68/1B	CRZ III
5.	Manapadu	138/26	CRZ III
6.	Periathalai	606/2D	CRZ III
7.	Thoothukkudi (Mutharaiyar Colony)	445	CRZ II

**7. TIRUNELVELI DISTRICT****Evacuation Shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Vijayapathi	345	CRZ III
2.	Thiruvembalapuram	468/1A1	CRZ III

**Approach roads for Evacuation shelters**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Kootapanai/ Kuttam	656/3B1, 3B2, 2	CRZ III
2.	Koothankuli	468/1A1	CRZ III
3.	Idinthakarai/ vijayapathi	512/1, 512/2, 513	CRZ III
4.	Levanchipuram/ Kootapuli	45/5, 46/2, 438/2, 435/2	CRZ III

**8. TIRUVARUR DISTRICT****Evacuation Shelter**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Thillaivizhagam	486/1	CRZ III

**9. KANCHEEPURAM DISTRICT****Evacuation Shelters & approach roads**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Puduppatinam	179/2	CRZ III
2.	Uthandi	3/443	CRZ III

**10. VILLUPURAM DISTRICT****Evacuation Shelters & approach roads**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Boomaiyarpalayan	322/13 A	CRZ III
2.	Pannichamedu	84/1	CRZ III
3.	Marakanam South (Ekkaiayr Kuppam)	324/2	CRZ III

4.	Manndaivaipudukuppam	812/2	CRZ III
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5.	Anumandaikupam	353/1	CRZ III
6.	Chettinagar	134/4	CRZ III
7.	Nochikuppam	393/3	CRZ III
8.	Keelputhupattu	206/1	CRZ III

**11. RAMANATHAPURAM DISTRICT**

**Evacuation Shelters & approach roads**

Sl. No.	Name of the Village	Survey Nos.	CRZ category
1.	Pethanenthal	172/6	CRZ III
2.	Iranian valasai (Athiyuthu)	269/2	CRZ III
3.	Rameshwaram (Natarajpuram)	1253/18B	CRZ II
4.	Rameshwaram (Town)	627/500-IB	CRZ II
5.	Rameshwaram (South Karaiyur)	1046/6	CRZ II
6.	Mullimunai	10/7	CRZ III
7.	Keelamunthal (periakulam)	563/93	CRZ II
8.	Adanchari	81/1A1	CRZ III

3) As per CRZ Notification 2011, vide para 8 III CRZ III A (iii) (j) and B (viii) construction of dispensaries, schools, public rain shelters, community toilets, roads etc., for local inhabitants is permissible activity. Further the above constructions in CRZ-II also permissible activity vide para 8 II CRZ-II (i & ii) of CRZ Notification 2011.

4) All the applications may be considered for clearance under CRZ Notification 2011. However clearance may be issued in respect of proposals pertaining to Kancheepuram, Villupuram & Ramanathapuram on receipt of recommendations from the District Coastal Zone Management Authorities concerned.

The Authority may consider.

**Addl. AGENDA ITEM NO.01: Construction of Coal Conveyor and cooling system water system of Ennore SEZ Super Thermal Power Station ( 2 x 800 MW) proposed by Tamil Nadu Generation and Distribution Corporation Limited., Chennai.**

The unit of Tamil Nadu Generation and Distribution Corporation Limited (TNEB) has proposed to establish a 2 x 800 MW coal based Thermal Power Project at the existing ash pond area owned by the unit of M/s. North Chennai Thermal Power Station at Vallur Village, Ponneri Taluk, Tiruvallur district. The coal requirement of the proposed power plant is 5.46 MTPA and it will be received through the coal conveyor line of 4.5 km from the Ennore Port. The unit has proposed to draw sea water through the intake facility at North Chennai Thermal Power Station stage - II and the water used for cooling is proposed to discharge to the existing cooling water canal located at North Chennai Thermal Power Station. The total length of the sea water pipeline and cooling water pipeline is about 4 Km. The pipelines and the Coal conveyor cross Buckingham canal through CRZ. The project area is falling in R.S. No. 1,2,47/1, of Ennore village, R.S.No.143 of Puzhuthivakkam village, R.S. No. 2042 of Voyalur village.

The Project attracts the provisions of CRZ Notification 2011., as the pipelines and the conveyor systems are falling in CRZ-I., II and III and all those activities indicated above are permissible activities in all the above three zonations of CRZ. However the above activities require the clearance from the Ministry of Environment and Forests, GoI vide para 4 (ii) (f) of CRZ Notification 2011.

Sd/- T.S. Srinivasamurthy  
Member Secretary,  
Tamil Nadu State Coastal Zone Management Authority

& Director of Environment



**MINUTES OF THE 64<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY HELD ON 20.07.2011**

**AGENDA ITEM NO.1**      **Confirmation of the Minutes of the 63<sup>rd</sup> meeting of the  
Tamil Nadu State Coastal Zone Management Authority  
held on 28.02.2011**

The minutes of the 63<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.02.2011 communicated in Letter No.P1/444/2011 dated 01.03.2011 of the Director of Environment, was confirmed.

**AGENDA ITEM NO.2**      **Report on the follow up action taken in respect of  
decisions taken during the 63<sup>rd</sup> meeting of the  
TNSCZMA**

The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken during the 63<sup>rd</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 28.02.2011.

**AGENDA ITEM NO.03**      **Setting up of a Captive Marine Terminal and terminal  
marine facilities at Panaiyur village, Cheyyur Taluk,  
Kancheepuram district for handling coal imports, water  
intake and outfall facilities, coal conveyor system etc.,  
for the proposed 4000 MW Ultra Mega Power Project  
at Cheyyur, Kancheepuram district proposed by M/s.  
Coastal Tamil Nadu Power Limited, New Delhi**

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board.
- b) A long term agreement shall be entered with a reputed environmental institution such as National Institute of Ocean Technology (NIOT), Pallikaranai, Chennai,/ Institute of Ocean Management (IOM), Anna University, Chennai/ I.I.T (Madras), Chennai, to periodically assess and monitor the impact of operation of

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the facility on the marine environment for taking preventive action by the project proponent. The unit shall also identify and conserve one marine flora and marine fauna species. Sufficient financial support shall be provided for the implementation of conservation programmes.

- c) NOCs from the concerned departments viz., Tourism, Forests, Highways, Town and Country Planning, TNPCB should be obtained prior to the commencement of activities and shall not carry out any activity without the prior Environmental Clearance from the Authorities concerned.
- d) Marking the intake and outfall pipelines adequately such that fishing vessels and fishermen are made aware of its presence.
- e) There should not be any extraction of ground water in CRZ.
- f) The activities such as intake pipeline and outfall line and intake arrangement in sea and the pipeline should not cause hindrance to fishing activities and to boat movement.
- g) No blasting or drilling activities in CRZ is permissible.
- h) The proponent should not prevent public from easy access to the beach.
- i) Untreated chemical waste generated due to membrane cleaning activity and the sewage generated should not be discharged into the sea.
- j) The proponent shall implement the Environment Management Plan (EMP) including the Green Belt as envisaged in EIA report.
- k) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- l) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- m) The unit shall utilize only the sodium hypochloride for chlorination of sea water.
- n) The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet regularly.

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- o) The unit shall construct the coal stock yard for temporary storage and to use the same only in case of emergency as assured by the project proponent. Further the unit shall provide Bubble Top over the temporary coal storage yard instead of wind screen proposed, to control dust emission.
- P) Considering that only detached backwaters are provided for in the project, the entire trestle will not get tranquility. Generally backwater is provided for achieving tranquility only near the berthing area. As a large part of the approach trestle is still in exposed condition, the deck level of 5 m. shown seems to be much on the lower side. Therefore, the project proponent will check the Deck level and raise it as appropriate based on the actual requirement.
- q) The base line data in respect of Noise level, Air quality and impact on marine environment shall be realistic and required to be revised.
- r) The impact on the Marine species due to the dumping of dredging materials inside the sea shall be incorporated in the EIA report.
- s) A detailed CSR (Corporate Social Responsibility) with item wise breakup on allocation of funds shall be incorporated.
- t) The unit shall also plant trees under afforestation programme to compensate for the cutting of trees in the project area.
- u) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- v) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

**AGENDA ITEM NO.04**      **Reconstruction Of 13 houses in two villages in Ramanathapuram District under Emergency Tsunami Reconstruction Project**

The Authority resolved to clear the Reconstruction Of 13 houses in two villages in Ramanathapuram District under Emergency Tsunami Reconstruction Project subject to the following specific conditions:

- a) All activities should be in conformity with the provisions of the CRZ Notification 1991.
- b) The activities should not cause any adverse impact on the nearby ecological biodiversity.
- c) There should not be any ground water extraction in CRZ.
- d) Construction in between HTL and LTL of any nature should be avoided.
- e) Natural landforms in the coastal zone like beaches and dunes should not be altered or levelled.
- f) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- g) Proper sanitary arrangements to be provided.

**AGENDA ITEM NO.05**      **Coastal Regulation Zone (CRZ) Notifications 1991 & 2011 - Instructions u/s 5 of Environment (Protection) Act 1986 to the District Coastal Zone Management Authorities & CMDA to identify violations and take action**

As suggested by the National Coastal Zone Management Authority (NCZMA), the Authority resolved to instruct the District Collectors / Chairman, DCZMAs, CMDA & Corporation of Chennai u/s 5 of EP Act 1986, to identify violations under CRZ Notification 1991 and to initiate action upon the identified violations immediately. Further the Authority resolved to request them to send periodical returns with details

once in every fortnight, to the Department of Environment, so as to upload the said details on website every month and to send a report to Government of India.

As the Corporation of Chennai and the adjoining Local body areas are falling within the jurisdiction of CMDA, the Authority resolved to request the CMDA to collect the above details and furnish the same to the Department of Environment.

**Addl. AGENDA ITEM NO.01: Construction of Coal Conveyor and cooling water system of Ennore SEZ Super Thermal Power Station (2 x 800 MW) proposed by Tamil Nadu Generation and Distribution Corporation Limited., Chennai**

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board.
- b) A long term agreement shall be entered with a reputed environmental institution such as National Institute of Ocean Technology (NIOT), Pallikaranai, Chennai,/ Institute of Ocean Management (IOM), Anna University, Chennai/ I.I.T (Madras), Chennai, to periodically assess and monitor the impact of operation of the facility on the marine environment for taking preventive action by the project proponent.
- c) There should not be any extraction of ground water in CRZ.
- d) No blasting or drilling activities in CRZ is permissible.
- e) Untreated chemical waste generated due to membrane cleaning activity and the sewage generated should not be discharged into the sea.
- f) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- g) The project activity should not affect the coastal ecosystem including marine flora and fauna.

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- h) The unit shall utilize only the sodium hypo chloride for chlorination of sea water.
- i) The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet regularly.
- j) The base line data on ground water quality shall be realistic and required to be revised.
- k) Rain Water Harvesting shall be implemented after carrying out proper studies of the area proposed.
- l) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- m) The CRZ clearance will be revoked if any of the condition stipulated is not complied with.

**Addl. AGENDA ITEM NO.02: Construction of Multipurpose Evacuation shelters along with approach roads for the shelters under ETRP proposed by the Coastal District Collectors**

The Authority resolved to clear the construction of 53 Multipurpose Evacuation shelters along with approach roads for the shelters subject to the following specific conditions. These multipurpose evacuation shelters are to be constructed under the World Bank Aided Emergency Tsunami Reconstruction Project.

- a) All activities should be in conformity with the provisions of the CRZ Notification 1991.
- b) The activities should not cause any adverse impact on the nearby ecological biodiversities
- c) There should not be any ground water extraction in CRZ
- d) Construction in between HTL and LTL of any nature should be avoided.
- e) Proper sanitary arrangements to be provided.
- f) Natural landforms in the coastal zone like beaches and dunes should not be altered or levelled.

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- g) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- h) Proper continuous maintenance of the shelters shall be ensured.

The meeting ended with expression of thanks to the Chair and the members.

/forwarded by order/

Sd/-xxxxxx

Thiru T.S. Srinivasamurthy., I.F.S.  
Member Secretary, TNSCZMA and  
Director, Dept. of Environment,  
Chennai -15

Sd/- xxxxxx

Thiru Vishwanath A. Shegaonkar I.A.S.,  
Chairman, TNSCZMA and  
Principal Secretary to Government (i/c),  
Environment & Forests Dept., Ch-9.