

## **Additional Annexure-J-1**

### **728.10 Ac Land Identified for UPCL expansion by 2x800 MW**

Expansion of the main plant is proposed partly within the existing plant area and partly in the additional land adjacent to the boundary of existing plant. Total land of existing power plant (Phase1) as well as additional land for proposed expansion (Phase-2) falls in Industrial Area notified in 1995 and 1998 under KIADA Act, 1966.

Total 728.10 Ac. additional land for expansion by 2x800 MW falls in survey numbers already notified in Industrial Area in village Yellure and Santhru under Karnataka Industrial Area Development Act 1966 in tehsil Udupi district Udupi. This land is in Three parcels.

Parcel-A of this land is of 168.10 Ac in village Yellure and situated on North and East side of the existing power plant. This land includes aprox 138.39 Ac Private Agriculture Land that is already notified under Sec 28(1) and 28(4) of KIADA 1966 plus 29.16 Ac Government Land. Expansion of main plant is planned in this area.

Parcel-B of the additional land is of 235 Ac in village Yellure and situated on West side of the existing plant. This land is mostly private agriculture land and already notified under Section 28 (1) of KIADA 1966. Expansion of coal yard is planned in this area.

Parcel-C of the additional land is of 325 Ac in village Santhru and situated close to the existing ash dyke. This land includes 303.35 Ac private agriculture land and 21.65 Ac Govt Land. Expansion of ash dyke for phase-2 is planned in this area.

Besides, for development of R&R colony, 32.99 Ac Land is separately identified in Village Padebettu adjacent to the existing R&R colony for phase 1. No additional land is envisaged for sea water pipeline corridor and ash ponds.

Expansion of Transmission lines, if required, shall be separate project and ROW requirement shall be estimated after detailed survey and permissions.

**EXTRACTS OF THE MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF THE UDUPI POWER CORPORATION LIMITED HELD ON TUESDAY, 21<sup>st</sup> APRIL, 2015.**

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**Authorising Officers for statutory clearances:**

**"RESOLVED THAT** company do apply to Ministry of Environment and Forests, Karnataka State Pollution Control Board, Airport Authority of India, Water Resource Department, Central Ground Water Board, Karnataka State Coastal Zone Management Authority, Energy Department, Karnataka, Karnataka Industrial Area Development Board, Government of Karnataka and such other agency or authority statutory /non statutory as may be necessary for the purpose of obtaining approvals/clearances of its proposed 2x800 MW (or such other capacity as may be feasible) thermal power project in the State of Karnataka.

**RESOLVED FURTHER THAT** Mr. Jatinder Bhatnagar, Authorised Person or Mr. Manoj Deshmukh, Authorised Person or Mr. Santosh Kumar Singh, Authorised Person or Mr. Balbir Singh Sodhi, Authorised Person be and are hereby severally authorized to represent the Company, make necessary applications (to Ministry of Environment and Forests, Karnataka State Pollution Control Board, Airport Authority of India, Water Resource Department, Central Ground Water Board, Karnataka State Coastal Zone Management Authority, Energy Department, Karnataka, Karnataka Industrial Area Development Board, Government of Karnataka and such other agency or authority statutory /non statutory as may be necessary) and sign other necessary agreements, deeds, documents, undertakings, papers etc. as may be required for above statutory approvals/clearances."

**RESOLVED FURTHER THAT** any Director of the Company or Secretary of the Company be and is hereby authorized to issue a certified copy of the resolution to the concerned."

**CERTIFIED TRUE COPY**



**Sunil L. Naik**

**Company Secretary**

**Udupi Power Corporation Limited**

**2nd Floor, 'Le-Parc Richmond'**

**No. 51, Richmond Road**

**Bangalore - 560 025**

Udupi Power Corporation Limited  
(A Subsidiary of Adani Power Limited)  
Yelluru Village, Pillar Post  
Padubidri, Udupi District  
Karnataka 574 113  
India  
CIN: U31909KA1996PLC019918

Tel +91 804 025 4025  
Fax +91 804 025 4000  
info@adani.com  
www.adani.com



**No. 11-14/2010-IA-III**  
**Government of India**  
**Ministry of Environment and Forests**

**Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110 003.**

**Dated: 18<sup>th</sup> May, 2010.**

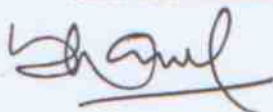
**To**  
**M/s. Udupi Power Corporation Ltd.,**  
**Prestige Opal, Unit 202, 2<sup>nd</sup> Floor,**  
**# 146, Infantry Road,**  
**Bangalore - 560 001.**

**Subject: CRZ clearance for laying the pipeline corridor at Yellur,**  
**Udupi District, Karnataka by M/s. Udupi Power**  
**Corporation Ltd. - Reg.**

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This has reference to your application forwarded by the Special Secretary to the Government of Karnataka, Forest Ecology and Environment Department vide letter No. FEE 25 CRZ 2009, dated 16.02.2010 and your subsequent letter dated 26.03.2010 seeking prior CRZ Clearance for the above project under the CRZ Notification, 1991. The proposal has been appraised as per prescribed procedure in the light of provisions under the Coastal Regulation Zone Notification, 1991 on the basis of the mandatory documents enclosed with the application viz., the recommendations of KSCZMA, drawing indicating sea water pipeline and cadastral map, etc. and additional clarifications furnished in response to the observations of the by Expert Appraisal Committee constituted by the competent authority in its meetings held on 25<sup>th</sup> - 26<sup>th</sup> March, 2010.

2. It is interalia, noted that the proposal involves laying the pipeline corridor for the proposed 2x600 MW thermal power plant project at Yellur, Udupi District, Karnataka. The Environmental Clearance to Thermal power plant project was accorded on 09.09.2009. The present proposal is for sea water intake and outfall for cooling purpose. The main plant is at Yellur which is around 6 km from the coast. The cooling water intake and outfall point in the coast is proposed at Yermal. The proposed pipeline runs to a total distance of 598 Meters out of which 520 meters is in CRZ-III and 78 meters is in CRZ-I. The corridor is 25 M wide all through. KIADB has notified the area and the acquisition process is almost completed. The intake point is 1430 M inside the sea and the outfall point is 670 Meter from the coast.



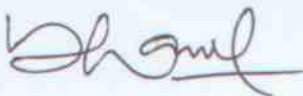
3. The extent of land in CRZ-III is 13000 sqm and CRZ-I is 1950 sqm and these area is Patta land with Coconut Grove, Paddy fields and areca plantation. No habitation is coming across the pipeline. The issue was discussed in the Karnataka State Coastal Zone Management Authority meeting held on 27<sup>th</sup> November 2009 and KCZMA recommended the proposal vide letter No. FEE 25 CRZ 2009, dated 16<sup>th</sup> February, 2010.

4. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of CRZ Clearance for the project mentioned above. Accordingly, the Ministry hereby accord necessary CRZ Clearance for the above project as per the provisions of CRZ Notification, 1991 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

**5. Specific Conditions:**

**I. Construction phase:**

- (i) All the conditions stipulated by the Karnataka State Coastal Zone Management Authority vide letter No. FEE 25 CRZ 2009, dated 16.02.2009 and the commitments/details submitted to KSCZMA shall be strictly complied with.
- (ii) Regular monitoring shall be carried out before discharging into sea.
- (iii) A joint meeting of the both the monitoring groups every year shall be carried out and send the report to MoEF.
- (iv) It should be ensured that there shall not be any disturbance to fishing activity.
- (v) All safety precautionary measures viz. stability of the pipe line, signal for fishing boats etc. shall be installed.
- (vi) There shall be display boards at critical locations along the pipe line giving emergency instructions. This will ensure prompt information regarding location of accident during any emergency. Emergency Information board shall contain emergency instructions in addition to contact details.
- (vii) The project shall be implemented in such a manner that there is no damage whatsoever to the mangroves/other sensitive coastal ecosystems.





- (viii) A continuous and comprehensive post-project marine quality monitoring programme shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics and the report shall be submitted every 6 month to Ministry's Regional Office at Bangalore.
- (ix) It shall be ensured that there is no displacement of people and the houses as a result of the project.
- (x) There shall be no withdrawal of ground water in CRZ area, for the project.
- (xi) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (xii) A First Aid Room will be provided in the project both during construction and operation of the project.
- (xiii) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality.
- (xiv) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Karnataka Pollution Control Board.
- (xv) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- (xvi) 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.
- (xvii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xviii) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ KSPCB.



- (xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xx) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.

## **II. Operation Phase**

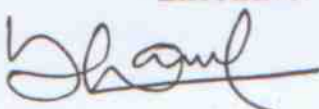
- (i) Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured shall be restricted to the permissible levels to comply with the prevalent regulations.
  - (ii) The green belt of the adequate width and density preferably with local species along the periphery of the power plant shall be raised so as to provide protection against particulates and noise as suggested by KSCZMA.
  - (iii) Project proponent shall support afforestation activities by way of raising and supply of required seedling by the locals within 5 km radius of the plant as suggested by KSCZMA.
  - (iv) The ground water level and its quality should be monitored regularly.
  - (v) The mangroves, if any, on the site should not be disturbed in any way.
  - (vi) The environmental safeguards contained in the application should be implemented in letter and spirit.
  - (vii) A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions shall be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.
  - (viii) The funds earmarked for environment protection measures shall be maintained in a separate account and there shall be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported to this Ministry's Regional Office at Bangalore.
  - (ix) In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this Ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents shall be responsible for implementing the suggested safeguard measures.
- Handwritten signature:*



- (x) This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.

**6. General Conditions:**

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (ii) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (iii) Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:
  - (a) No excavation or dumping on private property is carried out without written consent of the owner.
  - (b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.
  - (c) Excavation work shall be done in close consultation with the Soil Conservation and Watershed Development Agencies working in the area, and
  - (d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water.
- (iv) Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.
- (v) Borrow pits and other scars created during the laying of cable shall be properly levelled and treated.
- (vi) Adequate financial provision must be made in the project to implement the aforesaid safeguards.
- (vii) The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.



- (viii) Full support shall be extended to the officers of this Ministry/ Regional Office at Bangalore by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (ix) Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (x) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (xi) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.
- (xii) The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- (xiii) Karnataka State Pollution Control Boards shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.

7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the amendments and rules made thereafter.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

9. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Karnataka State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore.



10. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

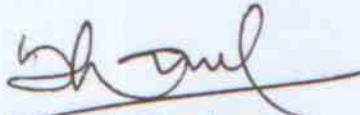
11. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

13. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF at Bangalore, the respective Zonal Office of CPCB and the MSPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

14. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

15. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned Karnataka State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF at Bangalore by e-mail.

  
(Bharat Bhushan)  
Director (IA-III)

P.T.O

Copy to:

- (1) The Special Secretary, Forests, Ecology and Environment Department, Government of Karnataka, Bangalore.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Member Secretary, Karnataka Coastal Zone Management Authority & Director, Environment Technical Cell, Department of Forests, Ecology and Environment, Govt. of Karnataka.
- (4) The Member Secretary, Karnataka State Pollution Control Board, "Parisara Bhavan, 4<sup>th</sup> & 5<sup>th</sup> Floor, # 49, Church Street, Bangalore-560001.
- (5) The CCF, Regional Office, Ministry of Environment & Forests(SZ), Kendriya Sadan, IV<sup>th</sup> floor, E&F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore - 560 034.
- (6) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
- (7) Guard file.

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**(Bharat Bhushan)**  
**Director (IA-III)**

**GOVERNMENT OF KARNATAKA**

No: FEE 5 CRZ 2017

Karnataka Government Secretariat,  
M.S. Building,  
Bangalore, Date: 01.04.2017.

From:

The Special Director  
(Ecology and Environment)  
Forest, Ecology and Environment Department

To:

The Secretary,  
Ministry of Environment, Forest and Climate Change,  
Indira Paryavaran Bhavan, Jor Bagh,  
Aliganj Road, New Delhi-110003.

Sir,

Sub: CRZ Clearance for Laying of pipeline for Sea Water Intake and Outfall for Proposed Expansion of 1200MW to 2800MW of UPCL Udupi district, Karnataka -reg.

Ref: 1. Udupi Power Corporation Ltd., Letter No. UPCL/CRZ/2016-17/1079 dated: 21.09.2016  
2. MoEF letter No. J-13012/12/2015-IA.I (T) dated 13.08.2015  
3. Regional Director letter No. RD(env)/CRZ /51/2016-17 dt:30.12.2016  
4. Proceedings of DCZMC meeting held on 21.12.2016  
5. Proceedings of KSCZMA meeting held on 18.03.2017  
6. MoEF letter No. 11-14/2010-IA-III dated 18.05.2010

\* \* \* \* \*

Udupi Power Corporation Limited (UPCL) a subsidiary of Adani Power Ltd., has submitted the proposal for laying of pipeline for Sea Water Intake and Outfall for proposed expansion of UPCL from 1200MW to 2800MW units in notified Industrial Area in Village, Yelluru, District Udupi, Karnataka, vide letter under ref(1) . They have stated that due to operational constraints faced in the sea water intake system of the existing phase- 1, sea water intake system will be designed to cater both phase I & II water requirements up to sea water intake pump house.

Earlier CRZ clearance was issued for laying of pipeline for the existing 2X600 MW unit by MoEF vide letter dated 18.05.2010 cited at ref (6) above. The pipeline runs to a total distance of 598 mts out of which 520 mts is in CRZ III and 78 meters in CRZ I. The existing corridor is 25 M wide all through the existing intake point is 1430 M inside the sea and the outfall point is 670 M from HTL. Seawater use for existing 2x600 MW units is 10,000 M3/Hr, which is met from Arabian Sea.



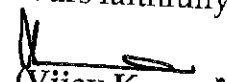
MoEF & CC, Delhi, has granted the Terms of Reference for expansion of the existing 2X600 MW coal based Thermal Power Plant (TPP) to 2800 MW by addition of 2X800 MW units project vide letter ref (2) above.

Details of CRZ Clearance now required for the project is as under:-

- Proposed intake and outfall coordinates have been recommended by NIO after Modeling Studies.
- Proposed new pipeline for 2800 MW TPP in existing land corridor in CRZ IB & CRZ III.
- Intake pipes from Land-fall Point (LP) to Caisson with option of off-shore pump house at proposed intake point in CRZ IV at -6.8 meters CD and 650 meters from shore-line.
- Outfall pipe to diffusers at proposed outfall point in CRZ IV at -7.5 meter CD and 1750 meters from the shore-line.
- Seawater requirement for TPP after expansion to 2800 MW, shall be 24,381 M<sup>3</sup>/Hr which is proposed to be met from Arabian Sea.
- Three existing pipelines of 1.1 meter dia will be replaced with new pipelines of 1.4 meter dia for each of 2 intake pipelines and 1.2 meter dia for 1 outfall pipeline in the existing land corridor of 25 mts width.

The proposal was placed before the KSCZMA meeting held on 18.03.2017 and the Authority has decided to recommend the proposal to MoEF & CC, GoI, since it is a permissible activity as per 4 (ii) (d) and 4(ii) (f) of CRZ Notification 2011. As per the decision of the Authority, the proposal is herewith submitted to issue CRZ clearance for laying of pipelines within the approved land corridor of 25 mts width as per para 4 (ii) (d) and for laying pipeline for sea water intake and outfall, as per para 4(ii) (f) of CRZ Notification 2011.

Yours faithfully,

  
(Vijay Kumar)

Special Director (Technical Cell) &  
Secretary, KSCZMA  
Forest, Ecology & Environment Department.

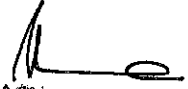
Proceedings of the 16<sup>th</sup> meeting of Karnataka State Coastal Zone Management Authority (KSCZMA) held on 18.03.2017 at 11.00 A.M. at Room No. 252, 2<sup>nd</sup> Floor, 2<sup>nd</sup> Gate, M. S. Building, Bengaluru under the chairmanship of Additional Chief Secretary to Government, Forest, Ecology & Environment Department.

**16.6.17 Request for issue of CRZ Clearance to Udupi Power Corporation Limited (UPCL) for Laying of pipeline for Sea Water Intake and Outfall for Proposed Expansion of UPCL from 1200MW to 2800MW at Yelluru Village, Udupi Taluk and District (FEE 5 CRZ 2017)**

1.	Name of the Project	Laying of pipeline for Sea Water Intake and Outfall for Proposed Expansion of UPCL from 1200MW to 2800MW
2.	Name of the Applicant	Udupi Power Corporation Limited (UPCL)
3.	Location of the Project Village/Town, Taluk, Dt.	Yelluru Village, Udupi Taluk and District
4.	R.S. No.s	-
5.	Extent of land	Existing land corridor (25 mts width)
6.	CRZ Classification	CRZ I, III, IV.
7.	Project Cost	-
8.	Activities proposed	<ul style="list-style-type: none"> <li>Proposed new pipeline for 2800 MW TPP in existing land corridor in CRZ -I &amp; CRZ III.</li> <li>Intake pipes from land Fall Point (LP) to Caisson with option of off-shore pump house at proposed intake point in CRZ -IV at -6.8 meters CD and -650 meters from shore-line.</li> <li>Outfall pipe to diffusers at proposed outfall point in CRZ -IV at 7.5 meter CD and -1750 meters from the shore-line.</li> <li>Seawater requirement for TPP after expansion to 2800 MW, shall be 24,381 M3/Hr which is proposed to met from Arabian Sea.</li> </ul>
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	<p>Yes.</p> <p>As per the provisions under para 4 (ii) (d) &amp; 4 (ii) (f) of CRZ Notification 2011, it is a permitted activity.</p>
10.	The details of recommendations of the District Coastal Zone Management Authority (DCZMA)	The subject was placed before the DCZMC, Udupi on 21.12.2016 and the DCZMA has recommended the project.
11.	Any other details	Earlier CRZ clearance was issued for laying of pipeline for the existing 2x600 MW unit by MoEF vide letter dated 18.05.2010. The pipeline runs to a total distance of 598 mts out of which 520 mts is in CRZ-III

		<p>and 78 meters in CRZ-I.</p> <p>The existing corridor is 25 M wide all through, the existing intake point is 1430 M inside the sea and the outfall point is 670 M from HTL.</p> <p>Due to operational constraints faced in the sea water intake system of the existing phase -1 sea water intake system will be designed to cater both phase I &amp; II water requirements up to sea water intake pump house.</p> <ul style="list-style-type: none"> <li>• Seawater requirement for existing 2x600 MW units are 10,000 M<sup>3</sup>/Hr which is met from Arabian Sea.</li> <li>• For existing unit 87.6 MCM/year sea water is require. After expansion to 2800 MW, total intake &amp; outfall of Sea water shall be 213.6 MCM/year &amp; 175.2 MCM respectively.</li> <li>• Proposed intake and outfall coordinates have been recommended by NIO after Modeling Studies.</li> <li>• The 3 existing pipelines of 1.1 meter dia will be replaced with new pipelines of 1.4 meter dia for each of 2 intake pipelines and 1.2 meter dia for 1 outfall pipeline in the existing land corridor of 25 mts width.</li> </ul>
12.	Whether issue of clearance is within the scope of SCZMA or NCZMA? Specify relevant rules.	<p>Issue of clearance is within the scope of National Coastal Zone Management Authority.</p> <p>As per para 4 (ii) (d) and 4 (ii) (f) of CRZ Notification 2011, the above activity requires clearance from the Ministry of Environment and Forests, Government of India, with the recommendation of SCZMA.</p>

*The Authority perused the information furnished by the proponent and after discussion and deliberations, decided to recommend the proposal to MoEF with standard conditions to issue CRZ clearance for laying of pipelines within the approved land corridor of 25 mts width as per para 4 (ii) (d) and for laying pipeline for sea water intake and outfall, as per para 4 (ii) (f) of CRZ Notification 2011.*

  
**Vijay Kumar IPS**  
 Conservator of Forest and  
 Special Director (Technical Cell)  
 Department of Forest  
 Environment and Ecology