

**CHETTINAD POWER CORPORATION PRIVATE LIMITED (CPCPL)**

**Jetty, Intake and Outfall Facilities**

Manickapangu Village , Nagapattinam District, Tamilnadu

**Environmental Clearance (EC) & CRZ Clearance Compliance Report (Apr. '17 - Sept. '17)**

*(EC & CRZ Clearance granted by MoEF vide letter F.No.11-147/2010-1A-III dated 2<sup>nd</sup> Jun 2011)*

**S.No 5. SPECIFIC CONDITIONS**

<b>S No</b>	<b>Specific Condition Stipulated</b>	<b>Compliance Status/Action Plan</b>
i.	Consent for Establishment shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Consent for Establishment obtained from Tamilnadu State Pollution Control Board under Air and Water Act and a copy of the same had been submitted to Ministry of Environment & Forests.
ii.	Periodic monitoring of coastal water shall be carried out at outfall location.	At the outfall location periodic monitoring of coastal water will be carried out on commissioning the Power Plant.
iii.	Continuous monitoring of shoreline changes shall be carried out.	Baseline data on shoreline already collected. Continuous monitoring of shoreline changes will be taken up, on commissioning the Power Plant.
iv.	Coal handling shall be through closed conveyor and dust suppressive measures shall be provided at coal handling areas coupled with appropriate mechanism for retrieving coal spilled into sea while discharging vessels at periodic intervals.	Coal handling will be through closed conveyor. Dust suppressive measures like water sprinkling will be provided at coal handling areas. Appropriate mechanism will be ensured for retrieving coal spilled into sea at periodic intervals, while discharging vessels.
v.	The conveyor belt pillars shall be suitably spaced to enable access to fishing vessels, public use (on landward side) etc.	The conveyor belt pillars will be suitably spaced to enable access to fishing vessels, public use (on landward side) etc.

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vi.	The dredging quantity must be dumped at the specified dumping ground decided on the basis of modeling study and it must be ensured the material is spread evenly on the sea-surface to a depth not exceeding 30cm.	Guidelines for dumping of dredged materials are noted for compliance.
vii.	Appropriate system of nav aids must be put in place along the channel and lighting at the jetty location to ensure no collision during night navigation especially of fishing vessels.	Navigational aids will be put in place on commencing the establishment activities of Jetty. Lighting will also be provided at the jetty location to prevent collision of fishing vessels during night navigation.
viii.	The proponent shall commit himself to be one of the partners/ proponents (who have undertaken/will be undertaking similar power projects in the close proximity of site) as and when instructed by the MOEF/State Government authorities in preparing an overall EIA report comprising both terrestrial and marine ETA components for the region and share the cost of the study and proposed mitigation measures for the coastal stretch as decided by the authorities in the interest of protecting the environment.	As a partner/proponent, CPCPL will undertake an overall EIA study for the region along with other similar power project partners / proponents in the close proximity of site as and when instructed by the MoEF & CC /State Government authorities. CPCPL will also be sharing the cost of the overall EIA study (comprising both terrestrial and marine ETA components) and proposed mitigation measures for the coastal stretch as decided by the authorities in the interest of protecting the environment.
ix.	There shall be no fencing/ construction within 200 m from HTL, not even the temporary boundary wall.	There will be no fencing/ construction/ temporary boundary wall within 200 m from HTL.
x.	There shall be no ground water drawl within CRZ area. The details of the location of the water source shall be submitted.	No ground water will be drawn within CRZ area. The sea water, after necessary treatment, will be used for various purposes.

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xi.	A revised map showing the coordinates of HTL, 200m line, 500m boundary at discrete intervals 25m/50m etc as appropriate shall be submitted in place of mere lines shown in the map prepared by NIO (or any authorized agency) so as to enable verification of installations and compliance thereof on the ground later when the work is in progress.	A revised map prepared by NIO (or any authorized agency) showing the coordinates of HTL, 200m line, 500m boundary at discrete intervals 25m/50m etc as appropriate, will be submitted so as to enable verification of installations and compliance thereof on the ground later when the work is in progress.
xii.	Sewage shall be treated and the Treatment Facility shall be provided in accordance with the Coastal Regulation Zone Notification, 2011. The disposal of treated water shall conform to the regulation of State Pollution Control Board.	Sewage Water will be treated adopting appropriate treatment system and the treatment facility will be provided in accordance with the Coastal Regulation Zone Notification, 2011.  The disposal of treated water will conform to the regulation of Tamilnadu Pollution Control Board.
xiii.	Solid waste Management shall be as per Municipal Solid (Management and Handling) Rules, 2000.	Municipal wastes will be handled as stipulated by Municipal Solid (Management and Handling) Rules, 2000.
xiv.	Public access to the beach shall be provided	The construction of jetty will not prevent public from entering the nearby beach area.
xv.	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	No construction work other than those permitted in Coastal Regulation Zone Notification will be carried out in Coastal Regulation Zone area.
xvi.	The project proponent shall set up separate environmental management cell	The project proponent will set up a separate environmental management cell

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	for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
xvii.	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	The funds earmarked for environment management plan will be included in the budget and the same will not be diverted for any other purposes.

#### **S. No 6 GENERAL CONDITIONS**

<b>S No</b>	<b>General Condition Stipulated</b>	<b>Compliance Status/Action Plan</b>
i.	Full support shall be extended to the officers of this Ministry/Regional Office at Bengaluru 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.	Full support will be extended to the officers of Ministry of Environment, Forests & CC /its Regional Office at Chennai 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.
ii.	A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions	A six-monthly monitoring report on compliance / proposed implementation plan of the stipulated conditions of the EC is being submitted by the project proponent to the Regional Office of MoEF & CC at Chennai.
iii.	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.	Guidelines noted and the additional conditions stipulated will also be complied with.

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iv.	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Guidelines noted.
v.	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.	Any change in project profile or change in the implementation agency will be referred to Ministry of Environment, Forest & CC, New Delhi.
vi.	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	The project proponents will inform the MoEF &CC, Delhi and the Regional Office of MoEF & CC at Chennai, the following. <ul style="list-style-type: none"> <li>a. Date of financial closure</li> <li>b. Final approval of the project by the concerned authorities</li> <li>c. Date of start of land development work</li> </ul>
vii.	A copy of the clearance letter shall be marked to concerned Panchayat/local NQO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	A copy of the Environmental Clearance letter has been sent to Tharangambadi Town Panchayat.
viii.	Tamilnadu Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tahsildar's office for 30 days	This is the responsibility of Tamilnadu Pollution Control Board.

**S.No 7 - 15 . OTHER CONDITIONS**

S No	Other Condition Stipulated	Compliance Status/Action Plan
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 ETA Notification 1994, including the amendments and rules made thereafter.	Guidelines noted.
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.	<p>Clearance from Civil Aviation Department received.</p> <p>Authentication obtained from Forest Department regarding non-existence of National Parks, Wildlife Sanctuaries and Tiger Reserves within 10 km radius of proposed project site.</p> <p>The following statutory clearances will be obtained.</p> <p>a. Approvals for storage of diesel from Chief Controller of Explosives</p> <p>b. Clearance from Fire Department</p>
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	Advertisement given in two local Newspapers widely circulated in the region, one of which in English on 09.06.2011 and the other in the vernacular language Tamil on 08.06.2011 informing the public that the project has

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	copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . 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 Bangaluru	been accorded Environmental Clearance and copies of clearance letters are available with the Tamilnadu Pollution Control Board and in the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . Copies of the same already submitted to the Regional Office of MoEF & CC at Bengaluru.
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	Guidelines noted.
11.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website	Status of compliance with various stipulated environmental conditions and environmental safeguards is being uploaded in the company website.
12.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zifla 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.	A copy of the clearance letter sent to Tharangambadi Town Panchayat.  The Environmental Clearance letter has been put in the company website. <a href="http://www.chettinad.com">www.chettinad.com</a>

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13.	<p>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, the respective Zonal Office of CPCB and the SPCB.</p>	<p>The status of compliance of the stipulated EC conditions is being uploaded in the company website periodically and is also being submitted to the Regional Office of MoEF &amp; CC at Chennai, the Zonal Office of CPCB at Bengaluru and the TNPCB.</p> <p>The Environmental monitoring will be commenced immediately after commissioning the Power Plant/Jetty. Then the monitored data will be uploaded in the company website periodically and will also be submitted to the Regional Office of MoEF &amp; CC at Chennai, the Zonal Office of CPCB at Bengaluru and the Tamilnadu Pollution Control Board.</p>
14.	<p>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.</p>	<p>The six monthly report on the status of compliance of the stipulated EC conditions (both in hard copies as well as by e-mail) is being submitted to the Regional Office of MoEF &amp; CC at Chennai, the Zonal Office of CPCB at Bengaluru and the Tamilnadu Pollution Control Board.</p> <p>The Environmental monitoring will be commenced immediately after commissioning the Power Plant/Jetty. Then the monitored data (both in hard copies as well as by e-mail) will be sent to the Regional Office of MoEF&amp; CC at</p>



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		Chennai, the Zonal Office of CPCB at Bengaluru and the Tamilnadu Pollution Control Board.
15.	The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned 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 by e-mail.	<p>After commissioning Power plant/Jetty, the environmental statement for each financial year ending 31 March in Form-V as is mandated will be submitted to the Tamilnadu Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently . The copy environmental statement for each financial year will be sent to the Regional Office of MoEF &amp; CC at Chennai by email and will also be put in the website of the company.</p> <p>The status of compliance of EC conditions is being uploaded in the company website as well as submitted in both in hard copy and through email to the Regional Office of MoEF &amp; CC at Chennai.</p>