



**J-13012/89/2009 - IA. II (T)**  
**Government of India**  
**Ministry of Environment & Forests**

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Lodi Road, New Delhi -110003.  
Dated: 13.06.2013

**CORRIGENDUM**

***Sub: 2x600 MW Imported Coal Based TPP at villages Erukkattanchery, Kazhizpanallur and Manichkapangu, in Tarangambadi Taluk, in Nagapattinam Distt., in Tamil Nadu - reg.***

The Ministry of Environment & Forests had accorded environmental clearance to the above project on 20.01.2011 as per the procedure laid in the EIA Notification, 2006.

2. Subsequently, the environmental clearance granted was challenged before the National Green Tribunal (NGT) in the Appeal No. 12 of 2011. The Hon'ble National Green Tribunal in its judgment dated 30.05.2012 had directed the Ministry to "appraise the project based on updated EIA report both on terrestrial and marine ecology and also based on objections / suggestions received (if any) on the aforesaid updated reports". The Hon'ble Tribunal had also suspended the environmental clearance until the appraisal mentioned above is carried out and the Ministry takes a decision.

3. In pursuance to the directions of the Hon'ble NGT, the updated EIA reports (terrestrial and marine) was placed before the Expert Appraisal Committee (Thermal Power) in its meetings held during October 8-9, 2012; November 5-6, 2012; December 4, 2012; and January 7-8, 2013. The Expert Appraisal Committee (EAC) had noted that the project proponent shall submit para-wise response /remarks/information on the order of the NGT. That the EAC had also decided that the response shall be submitted in the form of an affidavit duly signed by the Competent Authority in the organization and notarized. The EAC had also decided that the response/remarks/ information shall be accompanied by a Board Resolution certifying that the signatory of the affidavit providing response/remarks/information submitted is authorized to sign. The EAC had further advised M/s Chettinad Power Corpn Pvt. Ltd. to provide a copy of the revised EIA report to the appellant immediately.

4. It is noted that the EAC after detailed deliberations of the updated EIA reports and the issues flagged by Coastal Action Network and the corresponding response made by M/s Chettinad Power Corpn. Pvt. Ltd. have finally recommended that the environmental clearance earlier recommended stands upheld as no purpose in particular environmental and social concerns could be solved by further delaying implementation of the project. The EAC however have also recommended that few additional conditions earlier not prescribed shall be further added/prescribed.

5. The Ministry accepts the recommendation of the EAC (Thermal Power) for amendment / stipulation of additional conditions to the environmental clearance accorded to the project on 20.01.2011 and stipulates following additional conditions:

6. Under para no. 4, after specific condition no. (xxxvi) the following conditions shall be now added:

(xxxvii) The project proponent shall setup a state-of-the-art environmental laboratory at the project site. The laboratory shall have facilities for long term monitoring of sea water quality and sediment in the impacted zone over and above and ambient air, soil quality analysis of the area. The proponent shall undertake mitigative measures if there are any negative impacts.

(xxxviii) Sea water quality shall be continuously monitored for salinity, turbidity and temperature at selective sites across the impacted zone in order to protect and preserve the marine flora and fauna of the region. Sea water quality and sediments shall also be monitored at selective sites across the impacted zone including estuarine waters. The monitoring data should be uploaded on the website of the company and also be submitted to Regional Office of the Ministry every six months.

(xxxix) Regeneration of degraded mangroves (if any in the study area) shall be undertaken through institutes such as Annamalai University.

(xl) To minimize entrapment of small marine flora and fauna, state of the art low aperture intake screens with high effectiveness for impingement and entrainment and fishnet around intake shall be installed.

(xli) Fish catch along the impacted zone of sea should be monitored periodically by the Department of Fisheries, Government of Tamil Nadu.

(xlii) The waste stream from the FGD should be disposed in an environmentally sound and safe manner.

- (xliii) Marginalized section of society particularly traditional fishermen communities shall be identified based on 2011 population census data and socio-economic study of the various strata of families such as those carrying out subsistence fishing, commercial fishing etc. shall be carried out and impact on their livelihoods shall be assessed separately. Accordingly, sustainable welfare scheme/measures shall be undertaken and status of implementation shall be submitted to the R.O. of the Ministry.
- (xliv) A study on the identification of local employable youth shall be immediately carried out and training shall be imparted for eventual employment in the project itself. The status implementation shall be submitted to the R.O. of the Ministry from time to time.
- (xlv) Fish catch along the impacted zone of sea should be monitored periodically by the Department of Fisheries, Government of Tamil Nadu. The project proponent shall accordingly take up the matter with the Fishery Dept., Govt. of Tamil Nadu from time to time.
- (xlvi) Marginalized section of society particularly traditional fishermen communities shall be identified based on 2011 population census data and socio-economic study of the various strata of families such as those carrying out subsistence fishing, commercial fishing etc. shall be identified and impact on their livelihoods shall be assessed separately. Accordingly, sustainable welfare scheme/measures shall be undertaken and status of implementation shall be submitted to the Regional Office of the Ministry every six months.
- (xlvii) If dredging is involved it shall be ensured that the quality of sediments at the dumping if any in the sea should be monitored periodically and its impact on benthic fauna, if any, should be mitigated.
- (xlviii) A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute once the power plant is commissioned. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.
- (xlv) Continuous monitoring for heavy metals in and around the ash pond area after commissioning shall be immediately carried out by reputed institutes like IIT, Chennai.

5. All other conditions mentioned in this Ministry's letters of even no. **20.01.2011** shall remain the same.

This issues with the approval of the Competent Authority.

Yours faithfully,

**(Dr Saroj)**  
**Director**

M/s Chettinad Power Corpn. Pvt. Ltd.  
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Chennai – 600 006.

*Copy to:*

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Environment Department, Government of Tamil Nadu.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Tamil Nadu State Pollution Control Board, No. 76, Mount Road, Mount Salai, Guindy, Chennai - 600 032
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor E&F Wings 17<sup>th</sup> Main Road, 1 Block , Koranmangala, Bangalore -560 034.
7. The District Collector, Nagapattinam District, Govt. of Tamil Nadu.
8. Guard file.

**(Dr Saroj)**  
**Director**