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STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
ENVIRONMENTAL CLEARANCE

| | |
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| From DR. S. Kalyanasundaram, I.F.S (Retd.) Chairman 3rd Floor, Panagal Maaligai, No.1, Jeenis Road, Saidapet, Chennai-600 015 Email-cmantnseiaa@yahoo.com | To: Shri V.J. Ravi Associate Vice-President-Works M/s E.I.D Parry (India) Ltd, (Co – generation power plant), Dare House,234,N.S.C Bose road,Parry's Corner, Chennai- 600001. Email- ravivj@parry.murugappa.com |
|---|---|

Lr.No: SEIAA-TN /F.No.3199/2014/EC- 39/1(d)/TRY/2016/dated 27.04.2016

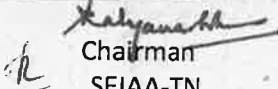
Subject: -SEIAA-TN - M/s E.I.D Parry (India) Ltd,(CO-GENERATION POWER PLANT), S.No-147/3A/23.147//3A,34,147/3A/32B,147/8,9,10,11,12,13A,16A,16B, 152/2A,2D,152/12 & 152/3A, Pettavaithalai village, Srirangam Taluk, Tiruchirapalli District, for the proposed project of expansion of existing co-generation Power plant from 18MW to 20 MW , under category B 1, schedule No. 1(d)-Thermal Power Plant --- Issue of Environmental Clearance - Reg.

Sir,

This has reference to your communication on the above mentioned subject in application submitted for Environmental clearance to the SEIAA-TN on 3rd October 2014 along with project documents including Form I, Terms of reference, Pre-feasibility Report, EIA/EMP along Public Hearing Report and subsequent submission of additional information vide letter dated 8th March 2016.

The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee, Tamilnadu in its 72nd meeting held on 04.02.2016 and decided to recommend the project for issue prior environment clearance by SEIAA and SEIAA after careful consideration and additional information submitted vide letter dated 8th March 2016 decided to issue Environmental Clearance in its 173rd meeting held on 27.04.2016 vide Item No 173-16, based on the Information submitted by you which are extracted below

| | | |
|---|--|--|
| 1 | (i) Name of the Project: (ii) Date of Application: | M/s E.I.D Parry (India) Ltd., (Cogeneration Plant) 3.10.2014 |
| 2 | Name of the Sector : Schedule No(in the EIA notification 2006) | Thermal Power Plant 1 (d) (Bagasse or Coal). |
| 3 | New Project / Expansion | Expansion |
| 4 | Name of the Applicant / Project proponent | Shri. Shri V.J.Ravi Associate Vice-President-Works/ M/s E.I.D Parry (India) Ltd., Pettavaithalai/ (Cogeneration Plant) |


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| 5 | Name of the Consultancy company | Dr. S. Rajamohan Envirocare India Private Limited, Madurai Email ID: eia@envirocareindia.com | | | | | | | | | | |
|-----------------------|--|---|-----------------------|---------------------|------------------|-----------------------|----------|---------|--------------------|------------|------|--------|
| 6 (i) | Project Location | SF No: 147 /3A/23, 147/3A/34,147/3A/32B, 147/8,9,10,11,12,13A,16A,16B, 152/2A, 152/2D, 152/12 & 152/3A Village: Pettavaithalai Taluk: Srirangam Distict: Tiruchirappalli | | | | | | | | | | |
| (ii) | Co ordinates | Latitude : 10° 53' 42.1" N to 10° 53' 53.2" N Longitude : 78° 29'.48" E to 78° 29' 55.6"E | | | | | | | | | | |
| (iii) | Whether GO attracted | Yes ,Uyyakondan Canal at 0.4Km and River Cauvery at 0.7Km from site. (G.O Relaxation awaited from State Government for G.O.Ms.No 213 E&F dept dated 30.03.1989 and G.O.Ms.No.127 E&F dept dated 8.5.1998. | | | | | | | | | | |
| 7 (i) | Area of the Site (In hectares) | 3.144 ha. | | | | | | | | | | |
| (ii) | Built up areas (in sq metres) | 4593.182 Sq.mt | | | | | | | | | | |
| 8 | Land use classification as record | Unclassified Area | | | | | | | | | | |
| 9 | TOR given by SEAC? (If yes, then specify the meeting | Yes 64 th SEAC meeting held on 20.3.2015 & 21.3.2015 TORdate:1.4.2015,videLr.NoSEIAA-TN /F.No3199/TRY/1(d)/ToR-221/2015/dated 01.04.2015. Public Hearing conducted on 4 th December 2015. | | | | | | | | | | |
| 10 (i) | Project cost | Rs 100 Lakhs | | | | | | | | | | |
| (ii) | EMP Cost (O & M) | RS 56.5 Lakhs | | | | | | | | | | |
| 11 | Distance from Protected areas / critically polluted areas / Eco Sensitive areas / Inter State Boundaries | Nil within 10 Km radius of site. | | | | | | | | | | |
| 12 | Production Details | <table border="1"><thead><tr><th>Name of the Product</th><th>Quantity</th></tr></thead><tbody><tr><td>Power Generation</td><td>1584Lakh Units / year</td></tr><tr><td>Existing</td><td>18MW/Hr</td></tr><tr><td>Proposed expansion</td><td>20 MW / Hr</td></tr></tbody></table> | Name of the Product | Quantity | Power Generation | 1584Lakh Units / year | Existing | 18MW/Hr | Proposed expansion | 20 MW / Hr | | |
| Name of the Product | Quantity | | | | | | | | | | | |
| Power Generation | 1584Lakh Units / year | | | | | | | | | | | |
| Existing | 18MW/Hr | | | | | | | | | | | |
| Proposed expansion | 20 MW / Hr | | | | | | | | | | | |
| 13 | Raw Materials (including process chemicals, catalysts & additives etc) | <table border="1"><thead><tr><th>List of Raw materials</th><th>Quantity (MT/ Year)</th></tr></thead><tbody><tr><td>Fuel:</td><td></td></tr><tr><td>Bagasse</td><td>300000</td></tr><tr><td colspan="2" style="text-align: center;">(OR)</td></tr><tr><td>Coal</td><td>165600</td></tr></tbody></table> | List of Raw materials | Quantity (MT/ Year) | Fuel: | | Bagasse | 300000 | (OR) | | Coal | 165600 |
| List of Raw materials | Quantity (MT/ Year) | | | | | | | | | | | |
| Fuel: | | | | | | | | | | | | |
| Bagasse | 300000 | | | | | | | | | | | |
| (OR) | | | | | | | | | | | | |
| Coal | 165600 | | | | | | | | | | | |
| 14 | Manufacturing Process | Bagasse and / or coal are burnt in the boiler to | | | | | | | | | | |

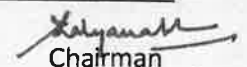
[Signature]

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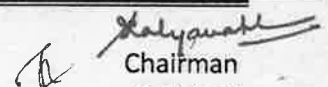
| | | | | | | | |
|----|--------------------------------------|---|---------------------|----------|--|----------|------------------|
| | | produce steam. The steam passes through the turbine and generates required power for the sugar plant. The exhaust steam from the turbine is used in the processing of sugar. This mode of utilization of steam for generating power and processing of sugar is called cogeneration. The excess or additional power after usage by the sugar mill is pumped to the State Electricity Board's Grid. | | | | | |
| 15 | Water Consumption | Details-Expansion | | | Quantity (KLD) | | |
| | | Total Water Requirement | | | 190 | | |
| | | Source –open well | | | Uyyakondan Canal | | |
| | | 1. <u>Process Water</u> | | | | | |
| | | (a) Industrial process | | | 164 | | |
| | | (b) Aux. Cooling water | | | 24 | | |
| | | 2. Domestic | | | 2 | | |
| 16 | Waste water Generation and treatment | <ul style="list-style-type: none"> • Amount of effluent generation - 100.60 KLD • R.O reject - 57 KLD • Boiler Blow down-24.0KLD • Sewage - 1.6KLD | | | <ul style="list-style-type: none"> • Boiler blow down /cooling tower blow down Ash quenching and irrigation. • RO reject sent to irrigation. | | |
| | | Sewage Generation Treatment | | | 1.6 KLD Septic tank & Dispersion Trench 4.2mx2.0mx2.5m and 5.0mx2.0mx2.5m. | | |
| 17 | Solid Waste Management | Non Hazardous Waste Handling and disposal Details | | | | | |
| | | Sr.No | Non Hazardous Waste | Existing | Proposed | Total | Mode of Disposal |
| | | 1. | Boiler Ash Bagasse | 6000 T/A | 600 T/A | 6600 T/A | Used as manure |
| | | (OR) | | | | | |
| 2. | Boiler Ash (Coal) | 420 T/A | 6180 T/A | 6600 T/A | Sold out to brick & cement manufacturing units | | |


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| Hazardous Waste Handling and Disposal Details | | | | | | | | |
|---|-----------------------------------|---|-------------------------------|-------------------------------|-------------------------------|---------------------------|-------|-----------|
| Sr.No | Non Hazardous Waste | Proposed | | Total | | Mode of Disposal | | |
| | | Rate of Generation in MT/Year | Rate of Generation in MT/Year | Rate of Generation in MT/Year | Rate of Generation in MT/Year | | | |
| NA | | | | | | | | |
| 18 | Stack emission Details: | Stack No | Stack Attached to | Height from ground level (m) | Internal Diameter (Top) (m) | Emission Rate (mg/Nm3) | | |
| | | 1 | Boiler | 95 | 2.7 | 100 | | |
| | | 2 | DG Set 1000KVA | 10 | 0.2 | 75 | | |
| | | In case of stack attached to process, details & concentration of Pollutants | | | | | | |
| | | Stack Attached | Nature of Pollutants | Concentration | APC Measures Proposed | | | |
| | | Boiler | Air Pollution | 6 mg/ NM3 | Electrostatic Precipitator | | | |
| 19 | Details of Fuel to be used | Sr.No | Fuel | Daily Consumption | | Calorific Value (kcal/kg) | % Ash | % Sulphur |
| | | | | Existing | Proposed | | | |
| | | 1 | Bagasse | 960 | 1000 | 2200 | 2 | 0.05 |
| | | 2 | Coal | 100 | 500 | 5600 | 4 | 0.30 |
| | | | | | | | | |
| 23 | Power Requirement | TNEB | | 1250 KVA Start Up Power | | | | |
| | | DG Set (back – Up) | | 1000KVA | | | | |
| 24 | EIA Study Baseline studies Period | 1.4.2015 to 30.6.2015 (3 Months) | | | | | | |
| 25 | Public Hearing | <u>Public hearing was conducted on : 04.12.2015</u> | | | | | | |
| 26 | Storm Water Management | Separate Storm Water Gutter Provided. Storm water and treated effluent are not mixed. | | | | | | |
| 27 | Rain Water Harvesting | Rain water harvesting pits provided . | | | | | | |
| 28 | Green Belt | Developed green belt area of 4.92 Acres by planting different species. | | | | | | |


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| Development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--------------------------------------|-----------------------|--------------------------------------|-----------------------|---|--------------------------|------|-----|---|--------------------------------|-------|-----|---|------------------------|-------|----|----|------------|------|----|----|-----------------------------------|------|----|--|------------|-------|-----|
| 29 | CSR Details 1.Kalluvoikal Construction – Rs100Lakhs 2.Temple renovation – Rs2.64Lakhs 3.Road Development under Sugarcane Road development Scheme (SCRD), Nachalur to Chukkampatti – Rs8Lakhs 4.Organise the medical camp for employees & general public (Heart, Eye , lungs & general health check up) 5. Support to old age homes and schools under NGO's. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Environment Management plan Budgetary Allocation 1. Capital Cost 2. O & M Cost <table border="1"><thead><tr><th>Sr.No</th><th>Description</th><th>Recurring cost in Rs Lakhs per annum</th><th>Capital Cost Rs lakhs</th></tr></thead><tbody><tr><td>1</td><td>Air Pollution Management</td><td>5.00</td><td>236</td></tr><tr><td>2</td><td>Water & waste water management</td><td>15.00</td><td>190</td></tr><tr><td>3</td><td>Solid waste management</td><td>28.00</td><td>12</td></tr><tr><td>4.</td><td>Green Belt</td><td>3.50</td><td>10</td></tr><tr><td>5.</td><td>Environment monitoring & Training</td><td>5.00</td><td>10</td></tr><tr><td></td><td>Total Cost</td><td>56.50</td><td>458</td></tr></tbody></table> <p>(All the sampling stations in TOR shall be covered for monitoring)</p> | Sr.No | Description | Recurring cost in Rs Lakhs per annum | Capital Cost Rs lakhs | 1 | Air Pollution Management | 5.00 | 236 | 2 | Water & waste water management | 15.00 | 190 | 3 | Solid waste management | 28.00 | 12 | 4. | Green Belt | 3.50 | 10 | 5. | Environment monitoring & Training | 5.00 | 10 | | Total Cost | 56.50 | 458 |
| Sr.No | Description | Recurring cost in Rs Lakhs per annum | Capital Cost Rs lakhs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Air Pollution Management | 5.00 | 236 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Water & waste water management | 15.00 | 190 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Solid waste management | 28.00 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | Green Belt | 3.50 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | Environment monitoring & Training | 5.00 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Cost | 56.50 | 458 | | | | | | | | | | | | | | | | | | | | | | | | | | |

VALIDITY:-

The SEIAA-TN hereby accords Environmental Clearance to this project under the provisions of the EIA Notification 2006 as amended, with Validity for **seven** years from date of issue , subject to the compliance of the following Specific and general conditions:-



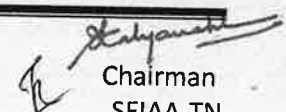
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(I) SPECIFIC CONDITIONS:-

(A) Conditions for Pre Construction Phase:-

- a. The said unit is located within a distance of 1KM from River Cauvery & Uyyakondan Channel which attracts G.O.Ms.No 213 E&F dept dated 30.03.1989 and G.O.Ms.No.127 E&F dept dated 8.5.1998. Therefore the unit shall obtain exemption from the State Government of Tamilnadu for carrying out expansion before establishing the same.
- b. The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai.
- c. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained.
- d. A copy of the clearance letter shall be sent by the proponent to the Block development officers of Panchayat union and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.
- e. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy of the same shall be submitted to the SEIAA, Tamil Nadu before start of construction activity at the site.
- f. **The Environmental Clearance shall also be put on the website of the company.**
- g. No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance.
- h. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc as per National Building Code including protection measures from lightning etc.
- i. Design of buildings should be in conformity with the Seismic Zone Classifications.
- j. Sulphur and ash contents in the coal to be used in the project shall not exceed 0.3% and 4% respectively at any given time. In case of variation of coal quality at any point of time, fresh reference shall be made to the SEIAA-TN for suitable


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amendments in the conditions of the environmental clearance granted wherever necessary.

- k. Adequate dust extraction system such as ESP/cyclones/ bag filters/Wet scrubbers and water spray system, transfer areas and other vulnerable dusty areas shall be provided.
- l. A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.

(B) Conditions for Construction Phase

- m. All required sanitary and hygienic measures should be in place for the labourers before starting construction activities and they have to be maintained throughout the construction phase.
- n. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
- o. Fly ash shall be stored and drawn for only and silos. Utilization of 100% fly ash generated shall be done for beneficial use in brick manufacturing & cement industry as reported.
- p. Silos proposed for store of fly ash and other raw materials shall be provided with filters to control the emission.
- q. It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.
- r. All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.
- s. The industry shall promote tree plantation to neutralize their carbon foot print. Green Belt consisting of three tiers of plantations of native species around plant and at least 75 m width shall be raised. Tree density shall not less than 2500 per ha with survival rate not less than 80 %.



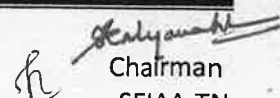
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- t. Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water drawal.
- u. Provision shall be 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.
- v. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

(C) Conditions for Operation Phase/Post Construction Phase

- w. Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.
- x. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SO₂, NO_x & Particulate Matter is anticipated. At least four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for monitoring SO₂, NO_x & Particulate Matter. Location of the monitoring stations should be decided in consultation with State Pollution Control Board based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring etc., covering all the located during baseline study.
- y. The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under the EP Act 1986.
- z. The land area of **20,000 sq.mt** earmarked within the project area shall be further developed for green belt development in consultation with DFO on the selection of the species & number of plantations to be carried out.
- aa. It shall be ensured that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage/channels without disrupting the adjacent public. Adequate harvestion of strom water should be ensured.
- bb. It shall be ensured that necessary trenches for openings shall be provided at periodic intervals along the compound wall, so as to let out the storm water during rainy season, without stagnation/ ponding.


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- cc. It shall be ensured that roof top run-off collected from the covered roof of the buildings, etc shall be scientifically harvested so as to ensure the maximum beneficiation of rain water harvesting.
- dd. Scheduled Flora and Fauna found in the study area of the core zone around the project site shall be monitored closely and a plan shall be prepared and implemented for their conservation.
- ee. The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.
- ff. All the points raised during the public consultation and the action to be taken report shall be complied with by the Proponent.**
- gg. The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Hon'ble High Court of Madras
- hh. Sewage and trade effluent shall be treated and properly disposed/ utilized after comply with discharge standards prescribed by the TNPCB/CPCB.
- ii. Fly ash shall be collected in cake form by dense phase collection system and wet with water sprinkler system as being practiced. No ash shall be disposed off in low lying area within or outside the premises.
- jj. A maximum of 1000 TPD of Bagasse or 500TPD of imported coal from Indonesia shall be used as fuel for the cogeneration power plant as reported. No other fuel including domestic coal/Indian coal shall be used in the power plant.
- kk. In case, source of coal supply has to be changed at a later stage, the project proponent shall intimate the Authority well in advance along with necessary documents for its concurrence for allowing the change in coal source.
- ll. Transportation of coal from Ports in Tamil Nadu to the power plant site shall be done via mechanically covered trucks or by dedicated closed conveyor system, avoiding the route passing thro' habitation areas/thickly populated areas.
- mm. Efforts shall be made to reduce impact due to the transport of coal on the surrounding environment by covering the top of the container.
- nn. Fugitive emission of fly ash (dry or wet) during handling shall be controlled so that nearby villages and agricultural or non-agricultural land shall not be affected.
- oo. Water requirement of 190 KLD shall be met from open well at Uyyakondan canal as reported with due permission from concerned authority.



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- pp. The fugitive emissions during loading and unloading shall be suitably controlled. Fugitive emissions in the work zone environment and raw materials storage & handling areas shall be regularly monitored. The emissions shall conform to the limits prescribed by the TNPCB/CPCB.
- qq. Vehicular emissions should be kept under control and each vehicle shall carry valid Emission certificate issued by competent Authority.
- rr. Proper house-keeping and cleanliness must be maintained within and outside the plant.
- ss. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.
- tt. The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 .
- uu. The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes.
- vv. The project proponent shall upload the status of compliance of the stipulated environmental clearance 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 the MOEF&CC,GOI atChennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- ww. The environmental statement for each financial year ending 31st 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 environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.



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(B) GENERAL CONDITIONS:-

(D).Conditions for Entire life of the Project

- i. This Environmental Clearance shall not be cited to relax any other rules applicable to this project.
- ii. The Land use classification shall be meeting the requirement for this type of project, before commencement of establishment.
- iii. The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF& CC at Chennai, TNPCB and CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly.
- iv. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF&CC, GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO₂ and NO_x outside the premises at the appropriate place for the general public.
- v. The project proponent shall regenerate/preserve water body located at about 5.0 km from the propose site at its own expenses. The project proponent shall also develop village ponds in addition and shall ensure that the existing ponds in and around 5.0 Km radius are well maintained.
- vi. Hydro geological study of the area shall be reviewed annually and report submitted to the Authority. No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.
- vii. A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.
- viii. CSR activity shall be implemented as committed and further by drawing a scheme for social upliftment in the surrounding villages with reference to contribution in road construction, providing sanitation facilities, drinking water supply in the government



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schools nearby, community awareness, establishment of health centres, water supply to nearby villages and employment to local people whenever and wherever possible both for technical and non-technical jobs and protection of water sources around the project site etc. Funds earmarked for CSR activity shall be used for that purpose only and separate account shall be maintained and report on implementation shall be furnished regularly.

- ix. At least three nearest villages shall be adopted and basic amenities like development of roads, drinking water supply, primary health centre, primary school etc shall be developed in co-ordination with the district administration.
- x. Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.
- xi. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xii. The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Bangalore.
- xiii. The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
- xv. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- xvi. The SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The industry in a time bound manner shall implement these conditions.


Chairman
SEIAA-TN



सत्यमेव जयते

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
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- xvii. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.
- xviii. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



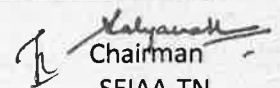
सत्यमेव जयते

CHAIRMAN
SEIAA-TN

Copy to:-

1. The Principal Secretary to Government,
Environment & Forests Department,
Govt. of Tamil Nadu, Fort St. George,
Chennai – 600 009.
2. The Chairman,
Central Pollution Control Board, Parivesh Bhavan,
CBD Cum-Office Complex, East Arjun Nagar,
New Delhi 110032.
3. The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai - 600 032.
4. The ACCF(C), Regional Office of MoEF,
34, hepc Building, 1 & 2 nd Floors,
Cathedral Garden Road, Nungambakkam,
Chennai - 600 034.

**SEIAA
TN**


Chairman
SEIAA-TN
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5. Monitoring Cell, I A Division,
Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex,
New Delhi 110003.
6. The District Collector, Trichy District.
7. Stock File.



**SEIAA
TN**