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PROCEEDINGS OF THE PUBLIC HEARING MEETING HELD ON 23.02.2011 AT 11.00 AM, FOR THE THERMAL POWER PROJECT PROPOSED BY M/S TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LTD, (TNEB) AT VAYALUR VILLAGE, PONNERI TALUK, TIRUVALLUR DISTRICT, TAMILNADU.

**Name of the Project & location :** M/s Tamilnadu Generation and Distribution Corporation Limited.,(A subsidiary of TNEB)  
2X800MW coal based Thermal Power Project.  
Vayalur Village, Ponneri Taluk,  
Tiruvallur District, Tamilnadu.

**Place of Public Hearing :** Community Hall- North Chennai Thermal Power Station Staff Quarters, (Vallur Camp)  
Vallur, Ponneri Taluk, Tiruvallur Disdtrict.

**Date & Time :** 23.02.2011 at 11.00 am

**Present:**

**Thiruvallargal:**

1. T.P.Rajesh, I.A.S., - District Collector, Thiruvallur District.,
2. R.Ramasubbu, - District Environmental Engineer, Tamil Nadu Pollution Control Board, Ambattur.,Tiruvallur District.

At the out set the District Environmental Engineer, Tamil Nadu Pollution Control Board, welcomed the District Collector, Thiruvallur District, and the Chief Engineer (Projects) TANGEDCO, & Chief Engineer,NCTPS-II,TANGEDCO, and the officials & the public. The District Environmental Engineer informed that a notice was published in the news paper daily, New Indian Express, and in Dinathandi on 21.01.2011 for the public hearing meeting to obtain the views of the public. He informed that the views of the public expressed during the meeting would be recorded and sent to Ministry of Environment and Forests, GOI.

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The District Collector, Thiruvallur District, welcomed the public and informed that public can express their opinion on the project after the presentation from the project proponent. He requested the project proponents to present the Project Proposal.

Er. R.Ganapathy Sankaran, Superintending Engineer,(Project) Tamil Nadu Generation and Distribution Corporation Ltd., briefed about the need of setting up of the thermal power project in order to manage the power demand, particularly in the 12<sup>th</sup> plan period. He informed that it is a Super Critical Thermal Power Project of 2x 800 MW capacity,proposed to be established at the existing ash pond of the North Chennai Thermal Power Station located at the vayalur village over an extent of 500 acres lands owned by Taminnadu Electricity Board. He informed that the project does not involve any land acquisition, and it is first time in India for the initiation of setting up of a thermal power project by reclamating the existing ash pond land. Further it is a super critical technology power project and there will a reduction of 5%in the requirement for coal which minimize the quantum of air emission. He briefed about features such as location of the near by roads, airport, port, water bodies, etc. He informed that the site proposed for the power project is as per the MOEF guidelines and no sensitive areas such as national park, place of archeological importance etc.~A study on flood and drainage in the surrounding areas of the proposed site will be carried out through the Anna University, Chennai and necessary schemes would be implemented during execution of the project. The total cast of the project is 8000 crores. Coal will be received from the Ennore port. Indian coal and imported coal will be mixed at the ratio of 70:30 and the coal requirement will be 5.46 MTPA. The water requirement for the steam production for the project will be meet out either through Chennai Metro Water Supply and Drainage Board (CMWSSB) or sea water by installation of desalination plant. The requirement of sea water will also be reduced by providing natural drift cooling tower system. There is no direct sea water intake facility proposed in this project and the seawater intake facility proposed for stage-II of M/s North Chennai Thermal Power Plant will be used for this project. The water used for cooling will be drained out in the existing cooling water canal facility established in the M/s North Chennai Thermal Power

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Plant. The effluent from the project will be collected in a central collection tank and the treated effluent is proposed to be utilized for gardening. He further informed that, Electrostatic Precipitators of efficiency 99.9% will be provided for air pollution control along with stack of height 275 meters. The project is designed in such a way that the particulate emission from the stack will be 50 mg/Nm<sup>3</sup> which is less the emission standards prescribed (100 mg/Nm<sup>3</sup>) by the MOEF, GOI. The project also facilitate for the installation desulphurization plant in case of utilization of imported coal in future. The ash both fly ash & bottom ash will be collected in dry condition and the same will be given to the cement and brick manufactures. The existing ash pond of M/s North Chennai Thermal Power Plant will be utilized in case of any emergency. The cost proposed to implement the environment management plan will be 500 crores out of the total project cast of 8000 crores.

After the presentation, the Publics were offered the following views/suggestions.

**1. Thiru Kumar, Husband of the president, Vayalur Village**

Thiru Kumar stated that Vayalur villagers had given about 250 acres of land for setting up the NCTPS Ash Dyke in the year 1990. The lands near by the drainage canal of the ash dyke are affected due to the salinity. The fields and agriculture land got affected due to ash deposition from the ash pond. We understand the electricity is very important for the industrial growth. Many new industries are coming up in this area but no job opportunities have been provided to the local public by such industries. Only outsiders are benefited by these industries. I condemn this attitude. We don't object the Power Project but we request you to take action for giving us jobs in the Power Plant.

The Collector asked the Project Proponent whether there is any scheme for giving employment to the local public. The SE/C/P&E, TANGEDCO replied that during land acquisition for the North Chennai Thermal Power Station (NCTPS), about 1400 persons including about 466 fishermen were given direct employment in TNEB. As for as this new Project is concerned, the employment opportunity will be made as

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per the guidelines of the Government of Tamil Nadu. Thiru Kumar requested assurance from the project proponent for providing job opportunity to the peoples those who have given land for developing the existing ash pond in which the proposed project is going to be implemented.

Thiru Kumar welcomed the Project.

## **2. Thiru V.P.Elumalaivasan, President, Vallur Village Panchayat.**

Thiru V.P. Elumalaivasan insisted that local people would be given job opportunities. He stated that NTECL (NTPC-Tamil Nadu Energy Corporation Limited) is now constructing one Public Health Clinic, as per the commitment given by them during the public hearing meeting organized by the Tamilnadu Pollution Control Board. All industries have budgetary funds for CSR activities. But TNEB had never done anything for us. TNEB should at least provide one Community Hall for us and to provide job opportunities.

The Collector asked the project proponent about the schemes as per CSR. The SE/C/P&E, TANGEDCO replied that TANGEDCO is a Govt of Tamilnadu undertaking. Jobs could be given only as per Govt of Tamilnadu guidelines. TNEB is doing huge CSR activities such as providing free electricity to the farmers, hut service, etc., to the entire State. About 1400 persons including about 466 fishermen were given direct employment in TNEB while implementing NCPTS Stage-I project. However, there are CSR proposals in this project also and the suggestions made such as providing community halls & Hosptials will be examined with the approval from the competent authority. Further based on the directions of the Government, TANGEDCO will implement the provisions of CSR.

Thiru V.P.Elumalaivasan welcomed the Project.

## **3. Tmty Prema Munusamy, President, Kattupalli Village Panchayat.**

Tmty Prema Munusamy welcomed the project. However, she stated that Seppakkam village is located nearer to the project site. The flying ash from the ash

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pond affects the village. The deposition ash in the drainage canal stop the free flow of water and requested for desilting of the canal. Further she requested that infrastructure facilities like road, drinking water facility for the Seppakkam village.

#### 4. Thiru R.Sakkarapani, Ex MLA, Vallur Village.,

It is understand from the executive summary provided by the project proponent that Anna University has done flood drainage study for this Project site. When new industries are established, precious resources like land, water bodies etc goes to the Project. The water resources are very important and the same has to be rerouted properly after carrying out detailed study. There is no proper flood routing system available in this area at present. He requested for proper flood rerouting and drainage system.

In this project it has been stated that the height of the stack for this project is 275m. But the private industries, particularly cement industry in the areas has not followed the norms prescribed by the CPCB Guidelines and requested the district Collector to check the stacks.

The level of humidity, dust emission,  $SO_2$ ,  $NO_x$ , have been indicated in the report. Further it has been stated in the report that no adverse impact to birds & animals. , But impact to human due to dust emission,  $SO_x$ ,  $NO_x$  have not been indicated in the study report. He requested to give a health impact study report due to the project. He also requested for monitoring and cleaning of water sources for every 3 to 6 months.

Ash is being used for filling up low lying areas generally. The ash layer filled over the land is acting like a plastic linear, and arrest the percolation rain water recharge. The surrounding areas have high potential of rain water recharge capacity. The land filling activity by using ash in this area might have the possibility of preventing rain water recharge capacity. He is requested to use natural soil for the land filling activity.

It has been indicated in the report that about 30% of the area will be taken up for green belt development. Whether any soil test has been done to ascertain the types of plantations to be done in the area. Further he requested for green belt development along the road sides in their locality.

He informed that the companies have not provided job opportunities. Though the companies have job opportunities, that too also enjoyed by others through some brokers. He requested to take action to prevent such a practice. He requested to for job opportunities to the local people.

He also requested about implementation of the control measures to minimize the noise particularly due to the transport vehicles operated in their area.

Further he insisted the necessity of periodical medical camp to assess to health status of the public in the surroundings. He also made a request to provide minimum of one tree sapling (coconut tree) to each house through the presidents of village panchayat.

He requested to provide impervious layer in ash dykes to prevent percolation water from the ash dyke towards the agricultural lands. He also requested to provide job opportunities to the local people from the projects already implemented in the area.

Thiru R.Sakkarapani, Ex MLA welcomed the project.

**5. Tmty Jayanthi, Chappakkam village.**

Tmty Jayanthi stated about the impact due to the noise and vibration due to the movement of lorries carrying ash in their area. Even if there is little rain, the area gets flooded due to deposition ash in the drainage canal. He requested for basic amenities such as road, drinking water. He also requested for job opportunities for their village peoples.

Tmty Jayanthi welcomed the project.

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The SE-TANGEDCO stated that green belt will be developed in consultation with the Forest Department. Flood drainage system as suggested by Anna University will be implemented. MOEF/GOI encourages filling of low lying areas using ash, which saves the soil, which is a natural resource. The SE stated that all the suggestions/ remarks of the Public will be examined and implemented.

The views, suggestions, representations in writing were also received from the public during the meeting. The proceedings of the meeting were summarized to the participants in the vernacular language (Tamil) by the District Environmental Engineer, Ambattur. He informed that the proceedings of the Public Hearing meeting and video coverage recorded in the public hearing meeting (audio & video) will be sent to MOEF, New Delhi. Further he informed that the minutes of this meeting will be available in the website of TNPCB: [www.tnpcb.gov.in](http://www.tnpcb.gov.in) and at the O/o District Collector Tiruvallur, O/o District Environmental Engineer, Ambattur, President, Vayalur Village Panchayat for public reference & comments.

The meeting ended with a vote of thanks by DEE/TNPCB, Ambattur.

**Enclosures:**

1. The attendance of the public participated in the public hearing meeting. Annexure-I.
2. The views, suggestions, representations received in written (5 Numbers).
3. The soft copy of the video/Audio recording of the public hearing meeting.
4. The statement on issues raised & comments by the proponent in Tamil/English.

  
District Environmental Engineer  
TNPCB/Ambattur

  
District Collector  
Tiruvallur District

To,

The Director.,  
Ministry of Environment and Forest, Govt of India.  
Paryavaran Bhavan, CGO Complex,  
Lodi Road, New Delhi- 110 003

**STATEMENT OF ISSUES RAISED IN THE PUBLIC HEARING HELD ON 23.02.2011, FOR THE PROPOSED THE THERMAL POWER PROJECT PROPOSED BY M/S TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LTD, (TNEB) AT VAYALUR VILLAGE, PONNERI TALUK, TIRUVALLUR DISTRICT, TAMILNADU.**

Sr No	Issues Raised	Response/Comment of the proponent
1.	Lands and drainage canals are affected due to deposition of ash from the existing ash pond.	Flood drainage system as suggested by Anna University will be implemented
2.	Requested job opportunity to the peoples those who have given land for developing the existing ash pond in which the proposed project is going to be implemented, and to the local public.	As for as this new Project is concerned, the employment opportunity will be made as per the guidelines of the Government of Tamil Nadu.
3.	Requested to provide one Community Hall, roads for the local public under the CSR provisions	After getting approval from the compedent authority and based on the directions of the Government, TANGEDCO will implement the provisions of CSR.
4.	Requested for proper rerouting and drainage system	Flood drainage system will be as per the recommendation of the suggested by Anna University.
5.	Requested to study the impact to human health due to the project. dust, SO <sub>2</sub> , NO <sub>x</sub>	Suggestions/remarks of the Public will be examined for implementation.
6.	Requested to use natural soil for the land filling activity.	MOEF-GOI encourage the filling of low lying areas using ash, which saves the soil, which is a natural resource.
7.	Requested for green belt development along the roads in their locality.	Green belt will be developed in consultation with the Forest Department

*23/2/11*  
 District Environmental Engineer  
 TNPCB/Ambattur

*23.2.2011*  
 District Collector  
 Tiruvallur District

திருவள்ளூர் மாவட்டம், பொன்னேரி வட்டம், வாயலூர் கிராமத்தில் தி/ள். தமிழ்நாடு மின் உற்பத்தி யூயூயூ பகிர்மான கழகத்தினரால் நிறுவப்பட உள்ள 2 X 800 மெகாவாட், உற்பத்திதிறன் கொண்ட அனல் மின் நிலையம் அமைப்பது தொடர்பாக 23.02.2011 அன்று நடைபெற்ற பொது மக்கள் கருத்து கேட்பு கூட்டத்தில் கூறப்பட்ட கருத்துகள் மற்றும் நிர்வாகத்தினர் அளித்த விளக்கம் குறித்த பட்டியல்.

வ. எண்	எழுப்பப்பட்ட பிரச்சனைகள்	நிர்வாகம் அளித்த விளக்கம்
1.	சாம்பல் குட்டை அருகே உள்ள பகுதிகளில் உள்ள நிலங்கள் மற்றும் வடிகால் கால்வாய்களில் சாம்பல் சென்று அடைவதால் பாதிப்பு ஏற்படுகிறது.	சென்னை அண்ணா பல்கலைக்கழகத்தினரின் ஆலோசனை பெறப்பட்டு வடிகால் வசதி கால்வாய்கள் ஏற்படுத்தப்படும்.
2.	தற்போது அனல் மின் நிலையம் அமைக்கப்படவிருக்கும் இடம் ஏற்கெனவே உள்ள அனல் மின் நிலைத்திற்கு சாம்பல் குட்டை அமைப்பதற்காக இப்பகுதி பொதுமக்களிடமிருந்து பெறப்பட்டது. எனவே, நிலம் வழங்கியவர்களுக்கும் உள்ளூர் பொது மக்களுக்கும் வேலை வாய்ப்பு தரப்பட வேண்டும்.	தமிழ்நாடு அரசின் வழிகாட்டு நெறிமுறைகளின் படி ஆலோசனை பெறப்பட்டு இப்பகுதி திட்டத்தில் வேலை வாய்ப்புகள் கிடைக்க ஏற்பாடு செய்யப்படும்.
3.	இப்பகுதியில் ஒரு சமுதாயநலக்கூடம் மற்றும் சாலை வசதிகள் ஏற்படுத்தி தர வேண்டும்.	தமிழ்நாடு அரசின்வழிகாட்டு நெறிமுறைகளின் படி ஆலோசனை பெறப்பட்டு சமுதாயநலக்கூடம் மற்றும் சாலை வசதிகள் ஏற்படுத்தி தர ஆவன செய்யப்படும்.
4.	மழை நீர் வெள்ள கால்வாய்கள் மற்றும் வடிகால் வசதி கால்வாய்கள் ஏற்படுத்தி தர வேண்டும்.	சென்னை அண்ணா பல்கலைக்கழகத்தினரின் ஆலோசனை பெறப்பட்டு வெள்ள கால்வாய்கள் மற்றும் வடிகால் வசதி கால்வாய்கள் ஏற்படுத்தப்படும்.
5.	துகள்கள், கந்தக டை ஆக்ஸைடு, நைட்ரஜன் ஆக்ஸைடு போன்ற வாயு கழிவுகளால் இப்பகுதி பொதுமக்களுக்கு ஏற்படும் பாதிப்பு குறித்து ஆய்வு செய்யப்பட வேண்டும்.	கருத்துக்கள்/ஆலோசனைகள் ஏற்றுக்கொள்ளப்பட்டது.
6.	தாழ்வான பகுதிகள் இயற்கையான மண்ணைக் கொண்டு நிரப்பி மேடாக்கப்பட வேண்டும்.	இந்திய அரசின் சுற்றுச் சூழல் மற்றும் வனத்துறையினரின் அறிவுறுத்தலின்படி சாம்பல் தாழ்வான பகுதிகளை நிரப்ப பயன்படுத்தப்படுவதுடன் மண் உள்ளிட்ட இயற்கை வளம் பாது காக்கப்படுகின்றது.
7.	சாலைகளின் ஓரங்களில் மரக்கன்றுகள் நடப்பட வேண்டும்.	வனத்துறையின் ஆலோசனையுடன் மரக்கன்றுகள் நடுவதற்கு நடவடிக்கைகள் மேற்கொள்ளப்படும்

மாவட்ட சுற்றுச் சூழல் பொறியாளர்  
தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம், அம்பத்தூர்.

மாவட்ட ஆட்சியர்  
திருவள்ளூர் மாவட்டம்