

From

Er. P. Mutharasu, M.E.,  
Executive Engineer,  
Distribution/Thirumangalam,  
Thirumangalam,  
Madurai District.

To

The Principal Chief Conservator of Forests  
(Head of Department),  
Panagal Maaligai,  
Saidapet,  
Chennai - 15.

Sir,

Sub: Forests - Forest (Conservation) Act, 1980 - Madurai District /  
Srivilliputhur Wildlife Division - Proposal for diversion of forest  
land of 0.2805 ha. for erection of New HT XLPE UG Electrical  
Cable for electrification of Arulmigu Sundara Mahalingam  
Swamy Thirukkivil located in Saptur RF - Essential details  
sought - Submission of - Reg.

Ref: (1) Online application No.FP/TN/Others/143759/2021 Dt.  
19.06.2021.  
(2) Deputy Director, Srivilliputhur Megamalai Tiger Reserve,  
Srivilliputur Ref.No. 4337/2021 Dated 01.12.2021.

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With reference to the above subject, I wish to state that a team has  
visited the project site once again specifically to submit the details for the  
shortcomings pointed out by the Deputy Director, Srivilliputhur Megamalai Tiger  
Reserve, Srivilliputhur vide reference 2nd cited as follows:

- (1) It is ascertained that there is no need to fell any tree along the alignment path  
of cable. The distribution transformer will be erected inside a concrete room  
with necessary ventilation hole. The only place where the tree does not need  
to be felled down have been selected for installation of distribution  
transformer.
- (2) Details of the location and the area required to build the concrete room  
intended to place transformers are enclosed in Annexure I along with Map.
- (3) There are three approach path ways are available to Arulmigu  
Sundaramahalingam Swamy Thirukkivil.

a. Distance of pathway:

Thaniparai to Sathuragiri Temple - 7.50 km  
Varushanadu to Sathuragiri Temple - 12.50 km  
Vazhaithoppu to Sathuragiri Temple - 4.50 km

- b. Details of forest land required to be diverted if project is considered to be taken up in each pathway.

Thaniparai to Sathuragiri Temple - Distance - 7.50 km.

Length - 7500 mt  
Width - 0.50 mt.  
Area - 3750 sq.mt. or 0.375 Ha.  
Land required in this pathways is 0.375 ha.

Varushanadu to Sathuragiri Temple -Distance - 12.50 km

Length - 12500 mt  
Width - 0.50 mt.  
Area - 6250 sq.mt. or 0.625 Ha.

Land required in this pathways is 0.625 ha.

Vazhaithoppu to Sathuragiri Temple -Distance - 4.50 km

Length - 4500 mt  
Width - 0.50 mt.  
Area - 2250 sq.mt. or 0.225 Ha.

Land required in this pathways is 0.225 ha.

- c. In which pathway forest land diversion is bare minimum?

Vazhaithoppu pathway to the Sathuragiri Temple is bare minimum.

Shortest distance - 4500 mt.  
Area required - 0.225 ha.

4. The proposed 11 KV HT XLPE underground Electric Cable towards Electrification is SINGLE CIRCUIT.
5. As per Forest (Conservation) Act, 1980, the norms/standards for laying UG insulated cables through forest area is for 11 KV voltage - Trench width - 300 mm and Trench depth - 900 mm.

The project has been prepared keeping in view of the forest and wildlife without considering the cost. So, 500 mm trench width and 1500 mm to 2000 mm trench depth will be dug out for safety and quality.

6. The total distance of the project site is as follows:
- a. Plain land - 2270 mt.
  - b. Rocky area - 2630 mt.
  - c. Steam area - 460 mt.
  - d. Elephant path - 250 mt.


the above details are separately delineated in the SI Toposheet / google map / georeferenced map.

7. The total distance for the underground electric cable work is 5610 meter, which includes the 1.07 km of temple plain land (included in plain land).
8. The above 1.07 km is already included in the proposal so no need to revise the maps and online updation.
9. Yes, the area falling inside the temple land is Forest.

This is for favour of kind information and necessary approval.

Thanking you,

Yours sincerely,



**EXECUTIVE ENGINEER  
TANGEDCO / M.E.D.C.  
TIRUMANGALAM**

## **ANNEXURE - I**

### **Location:**

Four locations have been selected for build concrete room for safe installation of transformers. The room no. 1 is located within S.F.No.518, and other three is located in S.F.No.517. The only places where the tree does not need to be cut down have been selected for the room.

- (1) Room No.1: Behind devotee's rest hall and opposite to Sri Santhanamahalingam Temple.
- (2) Room No.2 : Nearby Police rest hall.
- (3) Room No.3 : Between Annadhana Koodam and Store Room.
- (4) Room No.4 : Near Palavadi Sri Karuppasamy Temple.

### **Area:**

The area required for construction of concrete room is 25 square feet. Where a small concrete stage will be constructed to fit the transformer. The Size of the stage is 5 feet in length, 5 feet in width and 1 feet height. After the fitting the unit, a 9 feet room will be constructed with steel store to accommodate transformer and a switch pole. A SI sheet map is also enclosed for location details.

  
**EXECUTIVE ENGINEER**  
**TANGEDCO / M.E.D.C.**  
**TIRUMANGALAM**