

SITE INSPECTION REPORT AND RECOMMENDATION OF CONSERVATOR OF FORESTS, CHENNAI CIRCLE, CHENNAI

The Executive Engineer, TANTRANSCO, General Construction Circle-II 230 KV Chengalpattu has applied for diversion of 4.27 Ha. of forest land in Social Forestry plantation area in Othivakkam village survey no.46/14 for erection of 230 KV DC Line on MC tower by marking LILO of existing Ottiyambakkam to Omega feeder 2 at the proposed Mambakkam 230/110 KV Substation to Chengalpattu District.

In this regard the proposed 230 KV DC line passes through forest land in Social Forestry plantation area in Othivakkam village S. No 46/14 was inspected by me along with the staff on 26.07.2022. The proposed area is a linear stretch of Social Forestry Kumizi TAP 2000 plantation to a length of 1220 mtrs. and a width of 35 mtrs. 5 towers have to be erected in this stretch. Total area requested for diversion is detailed below.

$$1220 \text{ mtr (length)} \times 35 \text{ mtr (width)} = 42700 \text{ M}^2 \text{ (or) } 4.27 \text{ Ha.}$$

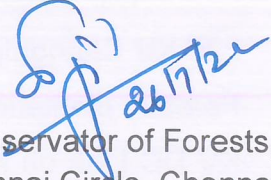
On inspection, it was found that the 230 KV DC Line is to be laid across the forest land in Social Forestry plantation area in Othivakkam village survey no.46/14 and as per the report of the District Forests Officer, Chengalpattu 284 trees planted in Othivakkam Kumizhi TAP area to be removed for the erection of this 230 KV DC line with high tension towers. This land is under the control of Social Forestry Division, Chengalpattu. Further, it is found that a fairly large water body is located adjacent to this stretch.

The user agency has submitted necessary undertaking on Compensatory Afforestation expenditure, Net Present Value, Additional Net Present Value and annual lease rent.

The project of erection of 230 KV DC transmission line is very important to give relief to Singaperumal Koil 230/110 KV SS and Veerapuram 230 KV SS to avoid overloading of 110 KV Singaperumal Koil - Siruseri feeder and this diversion is proposed for a project which may lead to the industrial development of the state.

Diversion of this particular stretch may not cause much disturbance to wildlife or adversely affect ecology. The plantations available along the stretch of the transmission line are manmade plantations.

Taking into consideration of the above facts, I recommend the proposal submitted by the user agency for the period of 20 years.



Conservator of Forests,
Chennai Circle, Chennai.