

Justification for the Project in Social Forest area

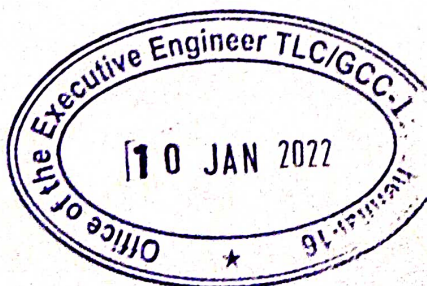
The Proposed 230KV DC Line to Mambakkam 230KV Substation is being carried out by utilizing already existing 110KV corridor by dismantling and replacing the old 110KV tower with new 230 KV Multi Circuit tower. Hence, the locating towers from location TN 114 to TN 118 at Othivakkam social forest total area of 4.27 Ha (1220 Mtr (Length of Line) x 35 Mtr (Corridor)) forest area which has been mentioned as "FOREST" in Revenue records is become unavoidable since this scheme is executed using existing 110 KV transmission line corridor and also there is no alternate lands available for erecting new line in this area.

The other Justifications are,

1. Since this transmission line is proposed in order to give load relief to singaperumal koil 230/110KV SS and Veerapuram 230KV SS to avoid Overloading of 110KV Singaperumal koil – Siruseri feeder.
2. In order to meet the future load growth in essential in and around Mambakkam area.
3. In addition, establishment of 230KV Multicircuit Line will facilitate operational flexibilities and alternate feeding arrangements for existing line so as to maintain uninterrupted power supply in and around Mambakkam area hence it is proposed to established.
4. Further erection of 230 KV Multicircuit tower line using existing 110 KV line corridor will save the cutting of more number of trees and occupying more area in forest land if 230 KV line erected using separate corridor.

Thiruvengadam 10.1.22

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