

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

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No: EEE/AEE(O)/MWD/SMG/2019-20/ 290
Encl:

Date:

30 APR 2019

"Justification for Transmission line routes identified for execution"

Alternative Three feasible routes were studied based on preliminary / walkover survey and keeping in view the length of the line , No's of angle points, power line crossing, Statutory clearance from air ports, Reserved forests, National / State Highways, River & Railway crossings, Villages, Towns, Scattered habitat, Parallelism to the existing power line etc.


Upon detailed study, the proposed route is found to be the generally feasible with minimal infringement with the existing permanent features and least inconvenience to the habitat at large. Further, the selection of the route alignment is as per transmission line practice and as per Indian Standards.

110kV line between Tapping from 110/11kV sub-station to Proposed Kuppagadde sub-station land very closer & near to forest land. Hence un-avoidable circumstances 6.073276Ha land of forest to be utilized.

The length of the 110kV proposed line from tapping from existing Thogarsi sub-station to proposed 110/11kV sub-station at Kuppagade village is 11.648Kms with corridor of 22 meters width, in which 2.76058Kms of forest land including cultivation land of 2.52058Kms with least length of 0.240Kms of forest tree land to be utilized.

In this area, Government or private lands are not available to take up 110kV line with convenient approach to transportation of heavy tower, line related materials for construction of 110kV transmission line.

In future, convenient & approaching of 110kV line required to rectify the 110kV line defects / fault's to maintain good condition & fault free 110kV transmission line for a long period, also continuous 110kV line inspection to maintain un-interrupted power supply to surrounding areas.


Executive Engineer El.,
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