

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Name of the project: construction of 66 KV DC line from proposed 220KV Hosadurga to link existing Halurameshwara 66KV SC line near Honnenahalli limits for a distance of 8.553Kms in the new corridor.

KPTCL is registered company under the company act 1956 was incorporated on 01.08.1999 and is a company wholly owned by the government of Karnataka it operates under the licence issued by Karnataka electricity regulatory commission. KPTCL is mainly vested with function of transmission of power in the entire state of Karnataka and also construction of stations and transmission lines and maintenance of 400/220/110/66kV stations.

We as a responsible organisation is utilizing all available technological resources (GIS and GPS etc.) to optimize route alignment with emphasis on avoidance of forest, national parks wild life sanctuary another ecological sensitive areas even to the extent of adopting more circuitous routes and setting up of state of the art substations en-route, however in few cases use of forest area becomes un-avoidable due to site conditions and the overall topography of the area.

Justification of transmission line routes identified for execution.

Alternative feasible routes were studied based on preliminary/walkover survey and keeping in view of length of the line number of angle points power line crossings ,statutory clearance from airport, reserved forest ,national/statehighways, rivers ,railway crossings, villages, towns, scattered habitats to existing power lines etc. Upon detailed study, it is observed that, alternative routes are passing through **Hosadurga city limit area & surrounded areas are not generally feasible.**

The proposed route is found to be the generally feasible with minimal in fragmented with existing permanent features and lest in convenience to habitat at large further, the selection of route alignment is as per the transmission lines practices and as per the Indian standards

The transmission line emanates from Honnenahalli limits in Hosadurga taluk, chitardurga district and travels to Hosadurga (Madhure)substation in Hosadurga taluk Chitradurga district.


SL NO	District & Taluk	Village limit	Survey no	Required forest land in Hectares	Remarks
1	Chitraurga. Dist, Hosadurga Tq	Goravinakallu	87 & 88	4.645	Land under Deemed Forest

The required forest area is minimum for the proposed line and no alternative is possible to avoid or minimize use of forest area.

Hence, no alternative is possible.

Date: 25.3.2019

Place: Chitradurga


Executive Engineer (ELE)
Major Works Division,
KPTCL, Chitradurga.