

# KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

EEE/MWD(R)/AEE(O)/19-20/2319

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Encl:



Office of the  
Executive Engineer (Ele),  
Major Works Division,  
KPTCL, Ramanagara.

Date: 11/3/2020

To,

The Deputy Conservator of Forest,  
Cauvery Wildlife Division,  
Kollegal.

Sir,

**Sub:-** Diversion of 2.124 Ha of forest land in Cheelandavadi state forest Sy No:01, Uyyamballi Hobali, Kanakapura Taluk, Ramanagara District and forest division for laying of 66kV SC line on DC towers from existing 66/11kV Doddalahalli Substation to proposed 66/11kV Hegganur Substation – **Regarding Alternate route studied.**

**Ref:-** 1. FC No: FP/KA/TRANS/27085/2017  
2. KFD/WL/LAND(NBW)/1/2020 Dt: 25.02.2020  
3. KFD/HOFF/A5-6(GFL)/7/2018-FC Dt:28.02.2020

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With reference to the above, I would like to bring the following for kind consideration and further needful action.

- Public in and around of Hegganur and surrounding area are facing acute power supply problems as the present infrastructure in the system is inadequate to cater quality and uninterrupted power supply to place in and around Hegganur and surrounding area.
- Hence, KPTCL has planned to establish 66/11kV Substation at Hegganur in Kanakapura Taluk and Construction of 66kV SC line on DC towers for a distance of 12.238Kms from existing 66/11kV Doddalahalli Substation to the proposed 66/11kV Hegganur Substation to overcome all the above said problems.
- The DPR amounting to **Rs.991.51 Lakhs** approved on 02.04.2016 with energy saving is **1.82MUs/annum.**
- Before preparation of DPR, the detail survey has been conducted in following routes for identifying suitable and executable route to run 66kV transmission line in technically viable manner.



i. **Details of alternate alignment examined and reasons for their rejection.**

- **Route-1: In this route, the proposed line passes through forest area for a length of 1.18Kms.** The EHV line corridor in forest is 18 Mts. But in this route the 66kV line proposed to construct all along the existing Tar road using special design tower ie all power conductor lies on road side so that the number of trees comes under EHV line corridor is going to be minimum as the trees on only one side of the towers are proposed to be cut.
- **Route-2: In this route, the proposed line passes through forest area for a length of 1.138Kms** and it is sparsely dense forest. The number of trees comes under EHV line corridor is going to be more compared to Route-1. Hence, this route is rejected.
- **Route-3: In this route, the proposed line passes through forest area for a length of 1.07Kms.** In this route, the line passes through dense forest area. The number of trees comes under EHV line corridor is going to be more compared to Route-1 & Route-2. Hence, this route is rejected.

**Yours Faithfully**



**Executive Engineer, Elec.  
Major Works Division, KPTCL,  
Old B.M. Road, Ramanagara**

**Copy to:** AEE-1/AEE(O)/ MF.