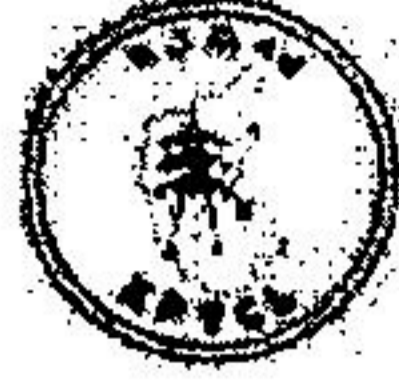


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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

CIN No. U40109KA1999SGC025521

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Date: 23.07.2018

KPTCL/B28(a)/70151/2017-18

CIRCULAR

Sub: Sparing of KPTCL land for erection of take-off tower inside the premises of KPTCL Sub-Stations for evacuation of power generated from IPPs -reg.

- Ref:**
1. Board Order No. KPTCL/B28(a)/32543/12-13 dated 17.08.2012
 2. Circular No. KPTCL/B25/SEE/R&D/EEE/2675/2017-18 dated 12.10.2017
 3. Board Order No. KPTCL/B28(a)/70151/2017-18 dated 17.03.2018
 4. Proceedings of the meeting dated 14.06.2018

Various Developers/IPP's have approached KPTCL for sparing land inside KPTCL Sub-Stations to erect take-off tower in order to evacuate power generated from IPPs.

Hence, a Committee was constituted to study and develop a standard procedure to be implemented for sparing of land inside KPTCL Sub-Station for developers to permanently erect their take-off tower/Pole structures in special cases where there is no other point of connectivity.

A meeting was convened on 28.05.2018 chaired by the Chief Engineer Electy.(P&C), KPTCL where the following points were discussed:

- a) To study the procedure of according evacuation approvals to IPPs.
- b) Erection of Take-off towers by the developers in KPTCL Sub-Station.
- c) Technical feasibility and Earthmat conditions affecting due to take-off towers inside KPTCL Sub-Station area.
- d) Formulation of Guidelines and details of calculation of amount to be collected from the developers for erecting Take-off towers by the developers.

...2)

After detailed deliberations on the above issues by the Committee, the following were recommended for sparing of KPTCL land:

1. The existing Terminal Bay Committee constituted vide Board Order under ref (1) shall also examine the subject proposal / sparing of any equipment / laying of cable for evacuation of power generated from IPPs inside Sub-Stations of KPTCL with the following parameters:

- a. The developer/firm concerned shall be considered as one time facilitation subject to all other conditions being fulfilled i.e., for erection of towers, poles, laying of 11 kV UG cable, 33 kV to 220 kV UG cable inside KPTCL Sub-Station premises.
- b. The developer/firm shall meet the entire estimated cost towards developing the required infrastructure.
- c. It shall be made clear to the developer/firm that the infrastructure to be built in KPTCL premises shall be at his cost and subject to payment of one time non-refundable fee without any claim whatsoever on the portion of the premises used for developing infrastructure causing no damage to KPTCL equipment.
- d. The Committee shall also examine the following:
 - Analyze technical feasibility and inevitability of developing the said infrastructure in KPTCL Sub-Station premises duly considering the perspective plan of KPTCL and the possible need for such portion of the land in the years to come.
 - Analyze technical feasibility for providing one or two or more towers to be erected inside the Sub-Station premises on a case to case basis.
 - Examine the line survey report submitted by the developer/firm in the above cases to decide the position of tower/s inside KPTCL Sub-Station premises.
 - Examine the necessity for strengthening the existing Earthmat in case, land is spared inside KPTCL Sub-Station premises to the developer/firm. Further, the adequacy of the existing grounding system shall be verified by

the SEE (R&D), KPTCL, Kaveri Bhavan duly following the procedure issued vide circular under ref (2).

- Committee shall also examine the proposed perspective plan and future load growth requirement before sparing KPTCL sub-station land.

After obtaining clearance from the Committee, the respective Chief Engineer (El), Transmission Zone shall intimate the developer/firm for the payment of One-time non-refundable charges for the tower foot area and entire corridor inside KPTCL Sub-Station premises.

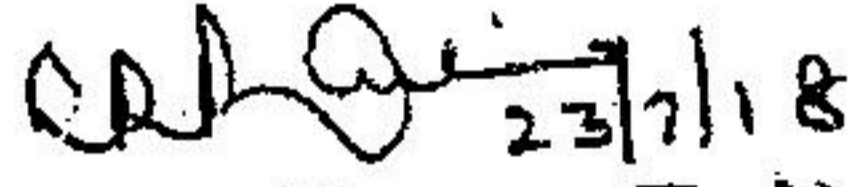
Calculation of one-time non-refundable charges depending on the geographical area of connectivity for termination of evacuation lines constructed by the developer/firm inside KPTCL Sub-Station premises is as follows:

One-time non-refundable amount in Rs. = $Z \times \text{Guidance value per sq.ft} \times \text{Area occupied by the tower including corridor width/cable trench width inside KPTCL Sub-Station premises in sq.ft} \times 30 \text{ Years} \times 7\%$

Where, $Z = 1.75$ for Group A cities, $Z = 1.5$ for Group B cities & $Z = 1.25$ for others.

The Chief Engineer (El.), Transmission Zones shall place all the subject matter pertaining to sparing of KPTCL land or any equipment of KPTCL Sub-Station before the Terminal Bay Committee for further directions.

The above instructions shall be scrupulously followed.


23/7/18
Deputy General Manager (Tech)
KPTCL.

To:

1. All Chief Engineers Electricity, KPTCL
2. All Financial Advisors, KPTCL
3. All Superintending Engineers, Elect., KPTCL
4. All Controllers of Accounts, KPTCL
5. All Executive Engineers, Elect., KPTCL

6. All Deputy Controller of Accounts, KPTCL
7. SPS to Managing Director/ Director (Finance)/Director (Transmission)/Director(A&HR)/ Director & Company Secretary / KPTCL, Kaveri Bhavan, Bangalore.

Copy to:

1. The Superintending Engineer (Elect.), IT & MIS, with a request to arrange to upload this circular in KPTCL website.