KTL/EEKPTCL/KOPPAL/2026-27/03 Date: 23-10-2026

To,

Executive Engineer Projects,
Karnataka Power Transmission Corporation Limited
Koppal - 583231

Sub: Unauthorized 400 kV Line Crossing Beneath Kudgi 765 kV Transmission Line near Chikbannigol Village, Yelburga Taluk, Koppal District – Directions for Immediate Compliance

Dear Sir,

Kudgi Transmission Ltd. (KTL) is the inter-state transmission licensee as per the Transmission License granted u/s 14 of the Electricity Act, 2003 by Hon'ble Central Electricity Regulatory Commission and is responsible for the ***"Transmission System required for evacuation of Power from Kudgi TPS (3X800 MW in Phase -I) of NTPC Limited"***

("Transmission Project") on a build, own, operate and maintain basis as per the terms of the Transmission Service Agreement, consisting of the below transmission elements:

(i) Kudgi TPS – Narendra (New) 400 kV 2XD/C quad Line

(ii) Narendra (New) – Madhugiri 765 kV D/C line

(iii) Madhugiri – Bidadi 400 kV D/C (quad) line,

Kindly note that the above transmission elements are under commercial operation w.e.f. sept-2016 and power is being successfully fed to the southern grid.

It has been observed by our line patrolling team that construction work of a 400 kV transmission line Kushtagi - Doni belonging to KPTCL is at advance stage and this KPTCL line is crossing Kudgi Tranmission Limited's under operation 765 kV D/C Narendra – Madhugiri line near Chikbannigol village, Yelburga Taluk, Koppal District.

However, to best of our knowledge, KTL has not received till date any intimation for it nor have been provided any details for validation pertaining to the upcoming crossing by KPTCL 400 KV Kushtagi – Doni.

KTL would like to put forth that **as per the applicable CEA Technical Standards and safety requirements, any crossing between power lines requires prior consent/approval from the owner of the existing transmission line, along with verification of minimum electrical, vertical, and horizontal clearances to ensure safe and reliable operation of both systems. The applicable requirements also envisage advance notice to the owner of the existing line, together with relevant protection details and drawings, before laying an overhead line that cross or comes in proximity to another overhead line**.

The above is essential as the unauthorized/ non-validated crossing raises the following concerns in future:

- Inadequate clearance between the 400 kV line and the Kudgi 765 kV line.



- Risk of flashover, conductor contact or line tripping during normal operation in adverse weather conditions.
- Safety hazards to maintenance personnel working on either line.
- Possible violation of statutory clearance and approval requirements.
- Operational, asset-safety, and reliability implications for the Kudgi 765 kV transmission line.

Hence, in terms of above, **it is hereby requested to kindly submit the complete details of this crossing, including location, tower numbers, line voltage, conductor configuration, sag/tension details, and measured vertical clearances from KTL's overhead existing line for KTL review and validation.**

Basis on submission of above details a joint site visit would also be required in presence of your representative to verify actual clearances and safety compliance.

Subject to compliance with all observations recorded during the joint site visit and submission of the requisite crossing proposal, KTL shall accord crossing approval.

Kindly note that until the processes and activities outlined above are duly completed in a coordinated manner, it is advised that the stringing work under the KTL 765 kV line corridor should remain suspended. This precaution is essentially required to prevent any tripping events, damages and mitigate electrical safety risks including human safety associated with working in proximity to an energized transmission system, considering that the KTL 765 kV D/C Narendra-Madhugiri transmission line is presently energized and under operation and has been carrying an average loading of 800 MW of southern grid.

Kindly treat this communication as urgent and accord it on highest priority from a compliance perspective.

Failure to provide a satisfactory response/coordination and undertake necessary corrective measures may constrain KTL to escalate the matter to the higher grid authorities and Central Electricity Authority (CEA) for further action as deemed considered appropriate under the prevailing regulatory framework.

Sincerely,

KUDGI TRANSMISSION LIMITED

Authorized Signatory,

Kudgi Transmission Limited.

Cc to Member Secretary SRPC
Chairperson KPTCL
Managing Director KPTCL
Director (Projects) KPTCL
Director (Operations) KPTCL
Chief General Manager (Technical) K KPTCL
Superintending Engineer (El) Projects AND Monitoring KPTCL
Superintending Engineer (El) R.T. Circle- Gulberg KPTCL







