

Goa- Tamnar Transmission Project Limited

RMZ Infinity, 5th Floor, Plot No 15, Udyog Vihar, Phase IV, Gurugram-122015, Hararyana.

Ref No.- GTTPL/FOREST/NXTL/ 03-07

Date: 07-10-2025

To,

The Deputy Conservator of Forests & Director
Kali Tiger Reserve
Dandeli – 581325

Sub: Diversion of 32.026 hectares of forest land in Dandeli Wildlife Divisions for laying of 400 kV D/C LILO Narendra–Xeldem Transmission Line of Goa Tamnar Transmission Project Limited in Karnataka

Ref: Your letter dated 21.07.2025 regarding submission of revised proposal using modern technology to reduce tree felling.

Dear Sir,

At the outset, we sincerely thank your esteemed office for reviewing and considering our proposal for diversion of forest land for the above project. We greatly value the constructive guidance extended, particularly your emphasis on adoption of modern technology and minimization of environmental impact.

We acknowledge receipt of your referenced letter regarding submission of the revised diversion proposal and the exploration of alternative routing and advanced technological solutions to reduce tree felling.

In this regard, we respectfully submit that **Goa Tamnar Transmission Project Limited (GTTPL)** has already undertaken comprehensive revisions in full compliance with the directives of the Hon'ble Supreme Court, and subsequent instructions of the Ministry of Power (MoP), Government of India, and the Central Electricity Authority (CEA), to ensure adoption of the best ecological route and technology for minimizing impact on the environment.

Chronology of Actions Taken

- December 2018: Initial forest diversion proposal submitted.
- 20.07.2022: Amended alignment proposal submitted in compliance with the Hon'ble Supreme Court order dated 07.04.2022.
- 08.09.2022: KPTCL approved utilization of the existing 220 kV Ambewadi–Ponda line after inter-departmental consultations (letter No. B19/33425/22-23).
- 06.06.2023: Meeting chaired by Secretary (Power), GoI, finalized "Option-3" (use of existing corridor through MCMV towers), based on concurrence of the Karnataka



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Forest Department. Subsequently, a revised diversion proposal was submitted on 03.07.2023.

- 27.08.2024: Review meeting chaired by Secretary (Power), GoI, directed adoption of modern technical solutions to further reduce RoW and tree cutting.
- 28.08.2024: CEA, vide letter (enclosed as *Annexure-I*), approved the following feasible measures:
 - Use of MCMV towers
 - Using +6 m extension towers
 - 200 m span
 - V-string insulators for suspension towers

Impact of Modern Technical Solutions

The adoption of these measures has significantly minimized the ecological footprint of the project:

- Use of Existing corridor in wildlife area: by adopting KPTCL's condition of Multi circuit multi voltage line (MCMV), ensuring no new corridor creation in wildlife area and no additional tree cutting in these stretches.
- Right of Way (RoW) reduction: from 46m to 34m (26% reduction) through use of +6 m extension towers
- Tree felling reduction: from approximately 72,000 trees to 13,954 trees (81% overall reduction).
- Dandeli Wildlife Sanctuary: tree felling reduced from 10,810 to 3,248 (70% reduction).
- Forest land optimization: achieved through longer span designs (200 m) and adoption of MCMV towers.

We wish to further assure your good office that during execution, latest drone technology and other available technological interventions shall be deployed to reduce tree cutting wherever possible.

GTTPPL has always been highly sensitive to environmental concerns and remains an early adopter of advanced technologies to minimize ecological disturbance. This consistent commitment underscores our responsibility not only to energy security but also to the preservation of our valuable forests and biodiversity.

In view of the above, we respectfully submit that the directions in your referenced letter have already been comprehensively addressed in the revised proposal. The integration of MCMV



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towers within the existing wildlife corridor, with no additional tree cutting, together with other modern solutions mandated by MoP and CEA, has resulted in substantial reduction in environmental impact and tree felling.

We therefore humbly request your good office to kindly process and recommend our proposal at the earliest, in recognition of its national importance for strengthening inter-State transmission capacity and enabling renewable energy evacuation from the region.

We reaffirm our commitment to remain in close coordination with your office and to ensure compliance with all statutory, environmental, and safeguard measures during implementation.

Thanking You,

Yours Sincerely,

For Goa Tamnar Transmission Project Limited



(Authorized Signatory)

Copy to:

1. The Additional Chief Secretary, Energy Department, Karnataka
2. The Additional Chief Secretary, (Forest & Environment), Karnataka
3. The Secretary (Power), Ministry of Power.
4. The Joint Secretary (Transmission), Ministry of Power
5. The Principal Chief Conservator of Forest & Nodal Officer (FCA), Bangalore

