

GTTP/Forest/NXTL/20-21/ 41

Date: 26/03/2021

To,
The Deputy Conservator of Forests,
Monitoring & Evaluation,
Panaji- Goa.

Office of the
Pr. Chief Conservator of Forests
Altinho, Panaji - Goa 403 001

Sub: - Diversion of 48.30 Ha of forest land for the construction of LILO of one Ckt of Narendra (Existing) to Narendra (New) 400 kV D/C quad transmission line (North Division 36.76 ha + Wildlife and Eco-Tourism (North) 11.54 ha.) in favour of M/s Goa-Tamnar Transmission Project Ltd.

Ref: - Your Office letter No.1-04(Part)/WL&ET(N)/2020-2021/3604 dated 10/03/2021.

Dear Sir,

At the outset, we would like to thank for your kind support rendered to us.

With reference to the letter received from your good office in which information sought regarding feasibility of use of existing 100 kV defunct line for the construction of LILO of one ckt of Narendra (Existing) to Narendra (New) 400 kV D/C quad transmission line.

In this regard, we would like to inform you that we had carried out study of using existing defunct corridor of 110 kV line and explored the possibility over and along the said defunct line. A detailed study of existing defunct line and proposed 400 kV Route are given in below table:-

Description	GTTP's NXTL Route		Along with 110 kV Existing Line	
Bee Line Length	10.348 Km		10.348 Km	
Line Length	16.331 Km	41 Towers	11.696 Km	32 Towers
Forest Length	7.99 Km	19 Towers	1.971 Km	6 Towers
Wildlife Length	2.51 Km	6 Towers	4.838 Km	13 Towers
National Park	Nil	Nil	1.3 Km	4 Towers
Private Land	7.46 Km	16 Towers	3.60KM	9 Towers
Total Forest, WL Length & NP	10.50 Km		8.109 Km	
No of Tower (WL&NP)	6 Nos.		17 Nos.	
Forest Area (Ha)	36.76 Ha		9.066 Ha	
Wildlife Area	11.54 Ha		22.255 Ha	
National Park Area			5.98 Ha	
Total Forest, WL & NP Area	48.30 Ha		37.30 Ha	
Enumerated Trees	15772		25439	
Expected to be felled	5100		8904	

Below are the key points to be taken in to consideration for using defunct 110kV line:-

1. ROW Corridor of 110kV transmission line is 22mtrs whereas for 400kv Transmission line is 46mtrs.
2. Area utilization of using 110kV Corridor in WL & NP will be 28.235 Ha. Whereas the proposed 400kV route involves only Wildlife area of 11.54 Ha.
3. Tree enumeration along the defunct corridor is done on sample based marking.
4. Total 17 no of towers will be installed in Wildlife & National Park by using the defunct line corridor whereas in proposed 400 kV route, only 6 towers are proposed within wildlife sanctuary.

5. In proposed 400 kV Route, National Park has been fully avoided, while existing defunct corridor involves National Park too.
6. Total tree enumeration in defunct corridor is very high as compared to the proposed 400 kV route.
7. It is not possible to upgrade defunct line without dismantling existing towers due to change in voltage level. This will result in additional land cutting on the tower spots.
8. Due to change of alignment by using defunct 110kV corridor, there will be change in route in the Dandell Wildlife Sanctuary, Karnataka. With this, our current proposal which is already with State Government for processing will be impacted.
9. Already NBWL has accorded approval of the proposed 400 kV route for Goa portion. If the change is adopted, entire forest & Wildlife approvals for the said line will have to be re-initiated.
10. 110kV line belongs to Goa Electricity Department and their prior consent is a pre-requisite for planning such move.

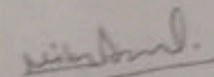
Further, as the area & tree calculations shown above are done by us on sample basis, we request your good office for confirming the same through your concerned field office. If required, we are also ready for conducting joint inspection in this regard.

Basis the above information and facts, you are hereby requested to please process our proposal.

This is for your information please.

Thanking you and looking forward for kind support please.

For Goa Tamnar Transmission Project Limited,



(Nitin Agrawal)
Chief Manager

Copy to: -

1. The Principal Chief Conservator of Forests, Goa Forest Deptt, Panaji.
2. The Addl. Chief Conservator of Forests & Chief Wildlife Warden, Panaji, Goa.
3. The Conservator of Forests, Panaji, Goa.
4. The Chief Electrical Engineer, Goa Electricity Deptt, Panaji, Goa.
5. The Dy. Conservator of Forests, Monitoring & Evaluation, Panaji, Goa.
6. The Range Forest Officer, Wildlife Range, Mollem.

