



Office of the,  
Principal Chief Electrical Engineer (CON),  
Maligaon, N.F. Railway.

Date: 19-05-2022

No. EL/CON/NFR/RE/Corres/ 131

Forest Division Proposal under FC Act, 1980  
(Construction of 132KV D/C Gohpur GSS to Gohpur TSS Transmission Line)

JUSTIFICATION FOR LOCATING OF THE PROJECT IN FOREST AREA

1. PROJECT BACKGROUND

The project is to establish transmission system for "Establishment of a new 132/25 KV substation at Gohpur Railway station "in the state of Assam. This is a central Govt. project under the head of Railway Electrification and is monitoring from the PMO office. The main purpose of the project is to electrify the railway transport in between Rangiya–Murkongselek rail track which will improve the economic scenario of the Country as well a subsidiary for the present predicament of petroleum product.

2. JUSTIFICATION

Three alternative route corridor were studied thoroughly by maximizing linear sighting opportunities, such as following existing roadways and power line corridors ,negotiation with river railway , road, electric power and telephone line crossing and least crossing of notified/protected/reserved forest areas. All efforts have been made to provide minimum numbers of angle points and utmost care have been taken on the ground with possible angle of deviation.

The line is passing through the Sonitpur East Forest division with a corridor of 27 meter. Every possible effort has been made to avoid forest area but considering the technical feasibility of the alignment, the forest area could not be avoided completely. The alignment with minimum crossing of the forest & having minimum length has been selected as the proposed alignment. After detailed analysis, it has been found that proposed route among the 3 alternative routes is best suitable for construction point of view. Proposed route is also best in terms of approachability for construction as well as maintenance point of view. Keeping the above points in consideration, proposed route is the final route alignment for this transmission line project.