

- Appreciable time can be saved during construction of lines, if selection of river X-ing points, route along hill stations and power line X-ing etc., are properly made.

### **BRIEF DESCRIPTION OF THE CORRIDOR**

From the enclosed map, it will please be observed that the BEE line connecting the Existing 220 KV BTPS sub station and proposed 132 KV Kokrajhar sub-station has been drawn. This BEE line measures 8.340 Km. the BEE line is the shortest route between the two sub stations. Furthermore the aforesaid route (BEE line) across a number of thick populated and congested village which in view of the present right of way problem, we feel, should be avoided, and it will not be an economical venture to lay the proposed transmission line on the above track.

In course of our preliminary survey apart from the Bee Line three alternative routes were considered which marked in Red; Magenta and Blue have been indicated in the attached Topographical maps for final selection before detail survey of the selection route is undertaken by us. The major part of this corridor already been occupied by existing transmission line, factories, plants, habitants and many up coming projects. We consider all the obstacles in this corridor and find out the routes most economical. Please note that all the three routes indicated in the attached maps are tentative. Comparative details with respect to the above routes with their merits and demerits are indicated below for kind perusal and approval of the selected route.

### **RECONNAISSANCE REPORT FOR THREE ALTERNATIVES ALONG WITH BEE LINE:-**

#### **(A) 'BEE' Line (Black).**

From the enclosed map it will please be observed that the "BEE" line connecting the Existing 220 KV BTPS Sub Station and Proposed 132 KV Kokrajhar S/S by a straight line. Length of the BEE Line is 8.340 Km. Through this "BEE" route in comparison to the other investigated routes is shorter. Further more the aforesaid route crosses a number of thick populated and congested villages and town area. Which in view of the present right of way problem, we feel should be avoided, that it will not be an economical venture to lay the proposed transmission line on the above track.

  
**Asstt. General Manager**  
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