

Forest clearance proposal: Diversion of 0.0735 Hac. forest land for construction of 66KV S/C Keshod-Mangrol line by laying of 66KV 1Xcore 630 SQ.MM. (3+1) UG power cable, near Mangrol town (Dist.: Junagadh).

### **PROJECT NOTE FOR JUSTIFICATION FOR AREA SELECTION**

In consideration of the requirements of environment parameter, construction methodologies to be adopted for different terrain encountered on-route, design & engineering factor, availability of logistic support during construction, operation & maintenance of line and sub-station, feasible land were identified by **M/s, Gujarat Energy Transmission Corporation Ltd.** based on system study, desk review, topographic-map, Forest map, existing publication materials, walk-over survey augmented by GPS. During site selection, efforts are made to avoid forest area involvement completely or to keep it to the barest minimum. Moreover, in Protected Forest areas trees are felled only in below each conductor to facilitate stringing. On completion of construction only one such strip is maintained for O & M purpose. **66KV 1xCore 630SQ.MM. (3+1) Underground power cable which passes about 0.0735 hectare through PF (Permanent Forest) area at Village Mangrol, Ta: Mangrol, Dist.: Junagadh.**

### **Factors considered**

1. The route for sub-station of the proposed transmission line does not infringe with any human habitation.
2. Any monument of cultural or historical importance is not affected by the route of the transmission line or sub-station.
3. The proposed route/sub-station land of transmission line does not create any threat to the survival of any community with special reference to Tribal Community.
4. The proposed route of transmission line or sub-station land does not affect any public utility services like playgrounds, schools, other establishments etc.
5. The line /sub-station route does not pass through any sanctuaries, National park etc.
6. The line/sub-station route does not infringe with the natural resources.

### **Sensitive Areas and settlements at execution stage**

1. As a rule, alignments are generally kept 10-15 km away from major towns whenever possible, making a provision for future urban expansion.
2. Similarly, forests are avoided to the extent possible and when it is unavoidable route, a route is selected in consultation with local Divisional Forest Officer that causes minimum damage to existing forest resources.
3. Selected Alignments does not infringe wetlands and unstable areas for both financial and environmental reasons. Additional care has to be taken to avoid National parks and sanctuaries and any other forest area inhabited by wild life.

Keeping above factors in mind, above land are proposed.

For, Gujarat Energy Transmission Corporation Ltd.

  
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