

Full Title of The Project: 400kV D/C Jaunpur Obra Transmission Line

Proposal No: FP/UP/TRANS/40906/2019

Justification for locating the project

The Project i.e. 400kV D/C Jaunpur Obra Transmission line starting from LILO point of Obra-B Obra-C line, located at chopan and terminating at substation constructed by UPPTCL at Machlisahar in Jaunpur District. The route of the above line is passing through 5 district and 6 forest division which are Obra Division, Kaimur wildlife division, Mirzapur Division, Varanasi division, Bhadhoi and Jaunpur division, having forest area involvement as well as non forest land involvement. There is involvement of Kaimur wildlife Sanctuary in sonbhadra district. The chosen route is optimal route considering minimum involvement of Wildlife area and Forest area involved in the project along with best construction and maintenance facility and cost efficient.

A detail comparison of all the three alternative marked on the Survey of India Toposheet with different colour is as below:

<u>Comparative Statement for 3 Alternative Routes</u>							
Sr. No.	Description	Alt-I(Red)		Alt-II (Magenta)		Alt-III (Blue)	
1	Line Length	165.908Km	763.182Ha	173.28 Km	797.088Ha	166.274 Km	764.86 Ha
2	Forest area involved	19.485Km	89.632 Ha	20.647Km	94.974 Ha	23.241 Km	106.907 Ha
3	Wildlife area involved	12.054Km	55.447Ha	13.498 Km	62.091 Ha	12.861 Km	59.16 Ha

Referring to the above comparative statement for alternative routes, all the three routes are positioned on either side of BEE line. After initial inspection over survey of India maps and satellite image, all three routes were explored for best and optimal route. Special attention has been given to wildlife sanctuary, habitation and accessibility. Since route 1 is having least involvement of Wildlife area and Forest area and do not require any rehabilitation, hence Route 1 has been observed as most viable.

The trees density in each route is same and hence we are moving forward with route having least forest and wildlife involvement.

Place : Bareilly

Date : 19/08/2019

Sendil Ragavan
General Manager

