

**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 the Kaimur wildlife sanctuary located in Sonbhadra district, having forest area involvement as well as non forest land involvement within Kaimur WLS totalling to 55.447 Ha. The chosen route is optimal route with minimum Wildlife 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:

<b><u>Comparative Statement for 3 Alternative Routes</u></b>							
<b>Sr. No.</b>	<b>Description</b>	<b>Alt-I(Proposed)</b>		<b>Alt-II</b>		<b>Alt-III</b>	
1	Total Forest in within Kaimur WLS	8.583Km	39.482Ha	8.329 Km	38.313Ha	9.084 Km	41.786 Ha
2	Non Forest area within Kaimur WLS	3.471Km	15.965Ha	5.169 Km	23.777 Ha	3.777 Km	17.374 Ha
3	Total Area within Kaimur WLS	12.054Km	55.447Ha	13.498 Km	62.091 Ha	12.861Km	59.160 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 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 area.

**Place : Bareilly**

**Date : 30/06/2019**

  
**Sendil Ragavan**  
**General Manager**

