

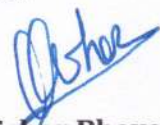
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### Justification Note

Before finalizing the line route of 132kV D/C line from 220/132kV SICOM S/stn to 132kV Mul S/stn, 3 different alternative routes were studied to check the minimum and unavoidable forest involvement along the transmission line. Accordingly, the route where minimum forest involved is identified as the best possible alternative route.

S. N.	Parameters studied	Alternative – I		Alternative – II		Alternative – III	
		Length in Meter	Hectors	Length in Meter	Hectors	Length in Meter	Hectors
1	Forest area involvements	17858	48.2181	20983	56.6561	26414	71.3198
2	Wildlife Buffer Zone	Alternative passing out of buffer zone		Alternative passing out of buffer zone		Alternative passing through buffer zone	
3	Construction & maintenance suitability	Suitable for construction & maintenance purpose than Alt. II & III		Less suitable than Alt. I & suitable than Alt. III		Not suitable as passing through buffer zone.	

Out of three alternatives explored, **alternative-1** involving bare minimum forest area and considering other parameters is selected as final route.

  
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