


COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE OF 220 KV D/C AJMER - BHERUNDA LINE

PROPOSAL NO FP/RJ/TRANS/29091/2017

Description	Proposed Route	Alternate route 1	Alternate route 2
Bee Line Length (km.)	37.890 km	37.890 km	37.890 km
Line Length (Km.)	49.95	36.95	41.25
No. Of angle points	44	30	37
Type of Land	Agriculture & Forest	Agriculture & Forest	Agriculture & Forest
Nos. of N.H Crossing	NIL	NIL	NIL
Nos. of Power line crossing	4	4	4
Nos. of Railway Line Crossing	Nil	NIL	NIL
Nos. of River Crossing	1	1	1
Line Length involved in forest Area (km)	1.120 KM	0.905+1.170=2.075KM	0.365+1.435=1.800KM
Forest area required to be diverted (Hact.)	3.9200 Hac	7.2625 HAC	6.3000HAC

From the above comparative statement , it is evident that the involvement of forest area is minimum in Proposed route.

Hence. The Proposed Route is best suitable route for 220 KV D/C AJMER - BHERUNDA line.


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