

COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE FOR "Construction of 132 KV D/C LILO from 132 KV S/C Bagidora - Mahi (PH-2) Line to 132 KV GSS Chordi, District- Banswara (Raj.)" (Proposal No : FP/RJ/TRANS/34423/2018)

Alternative Route	Alternative-I	Alternative-II	Alternative-III
Bee Line Length (Km.)	9.80	9.80	9.80
Total Line Length (Km.)	11.0881	10.9229	11.1601
No. of angle Points	21	14	18
Type of Land	Stony as well as Agriculture Land	Stony as well as Agriculture Land	Stony as well as Agriculture Land
No. of N.H. Crossing	Nil	Nil	Nil
No. of Power line crossing	Nil	Nil	Nil
No. of Railway line Crossing.	Nil	Nil	Nil
No. of Major River and Width	1 (150 Meter)	1 (270 Meters)	1 (220 Meters)
Line length involved in forest area (Km.)	0.70	1.56	0.99
Forest land Proposed for Diversion (Hectare)	1.9003	4.2120	2.6730

From the above comparative statement, it is evident that the involvement of forest area is minimum in Route-I (Proposed Route), hence route-I is the best suitable route for Construction of 132 KV D/C LILO from 132 KV S/C Bagidora - Mahi (PH-2) Line to 132 KV GSS Chordi, District- Banswara (Raj.)

UCC
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