

COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE

**Project Name:- Construction of 33 KV Transmission Line to Lothiyana GSS to Proposed 33/11 KV Mandesara GSS, Tehsil – Rawatbhata, District – Chittorgarh, Rajasthan
Proposal No. : FP/RJ/TRANS/40778/2019 (Area-11.8905 Ha.)**

Description	Route 1 (Final Route)	Route-2	Route-3
Bee Line Length (km.)	9.25	9.25	9.25
Line Length (Km.)	9.6	9.25	22.3
Type of Land	Stony Area	Stony Area	Stony Area
Nos. of N.H Crossing	Nil	Nil	Nil
Nos. of Power line crossing	Nil	Nil	Nil
Nos. of Railway Line Crossing	Nil	Nil	Nil
Nos. of River/Canal Crossing	1	1	1
Line Length involved in forest Area (km)	7.927	7.972	10.615
Forest area required to be diverted (Hact.)	11.8905	11.9580	15.9225

From the above comparative statement , Alternative Route – I is the Most Suitable due to less Involvement of Forest land comparative to Alternative – II & III as well as Minimum Project cost comparative to Alternative – II & III, Hence. The Route 1 is best suitable route for 33 KV Transmission Line to Lothiyana GSS to Proposed 33/11 KV Mandesara GSS, Tehsil – Rawatbhata, District – Chittorgarh, Rajasthan



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