



GOVERNMENT OF ARUNACHAL PRADESH

DEPARTMENT OF POWER

OFFICE OF

THE EXECUTIVE ENGINEER, DEOMALI DIVISION, DEOMALI

Ref No: DED/W-37/20-21/644-48(N)


Date: 24/7/21

**EVALUATION OF ALTERNATIVE ROUTE ALIGNMENT OF TRANSMISSION/
DISTRIBUTION LINE**

Name of Line :- 132kV S/C (on D/C Tower) Khonsa-Longding T/L

Sl. No.	Description	Route-1	Route-2	Route-3
1	BEE Line	20.800 kms		
2	Proposed Line Length	24.169 kms	26.400 kms	26.540 kms
3	Angle Points	82	75	80
4	Power Lines (132KV & above)	Nil	Nil	Nil
5	LT Line Crossings	8	13	10
6	Railway Crossings	Nil	Nil	Nil
7	National Highways	1	1	Nil
8	No. of NH crossings	12	8	3
9	Burial Ground	Nil	Nil	Nil
10	Type of Forest Involved	USF(65.25Ha)	USF(71.28 Ha.)	USF(71.65 Ha)
10	Tree cutting	Minimum	Maximum	Maximum
11	Forest Density	Normal	Dense	Dense
12	Approaching roads	All angle points	Minimum locations	Minimum locations
13	Rivers	1	1	1
14	Tea Gardens	Nil	Nil	Nil
15	Pile Foundation	Nil	Nil	Nil
16	Wild Life Sanctuary	Nil	Nil	Nil
17	O&M	Easy	Difficult	Difficult
18	Restricted Area	Nil	Nil	Nil
19	Airport	Nil	Nil	Nil
20	Communication Lines Crossings	Nil	Nil	Nil
21	ROW	2-3%	15%	20%

Remarks:- Alternative- I is the best route based on the above comparative statement.


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