



GOVERNMENT OF ARUNACHAL PRADESH

DEPARTMENT OF POWER

OFFICE OF

THE EXECUTIVE ENGINEER, DEOMALI DIVISION, DEOMALI

Ref No: DED/W-37/20-21/649-53(M)


Date: 24/07/21

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

Name of Line :- 132kV S/C Khonsa-Changlang T/L

Sl. No.	Description	Route-1	Route-2	Route-3
1	BEE Line	20.250 kms	20.250 kms	20.250 kms
2	Proposed Line Length	26.005 kms	27.084 kms	26.636 kms
3	Angle Points	74	70	65
4	Power Lines (132KV & above)	Nil	Nil	Nil
5	LT Line Crossings	2	0	0
6	Railway Crossings	Nil	Nil	Nil
7	National Highways	1	1	Nil
8	No. of NH crossings	14	4	0
9	Burial Ground	Nil	Nil	Nil
10	Type of Forest Involved	USF(70.21 Ha)	USF(73.12 Ha.)	USF(71.91 Ha)
11	Tree cutting	Minimum	Maximum	Maximum
12	Forest Density	Normal	Dense	Dense
13	Approaching roads	All angle points	Minimum locations	Minimum locations
14	Rivers	1	1	1
15	Tea Gardens	Nil	Nil	Nil
16	Pile Foundation	Nil	Nil	Nil
17	Wild Life Sanctuary	Nil	Nil	Nil
18	O&M	Easy	Difficult	Difficult
19	Restricted Area	Nil	Nil	Nil
20	Airport	Nil	Nil	Nil
21	Communication Lines Crossings	Nil	Nil	Nil
22	ROW	2-3%	15%	20%

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


Executive Engineer (E)
Deomali Division, Deomali,
Department of Power, Govt. of A

Executive Engineer (E)
Deomali Electrical Division
Deptt. of Power (A.P.)