

GOVERNMENT OF ARUNACHAL PRADESH
DEPARTMENT OF POWER

OFFICE OF
THE EXECUTIVE ENGINEER (E)
TRANSMISSION DIVISION NO.III

GTC; PASIGHAT; EAST SIANG, ARUNACHAL PRADESH 791102

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COMPARATIVE STATEMENT OF 03 (THREE) ALTERNATIVE ROUTES FOR
TRANSMISSION LINE

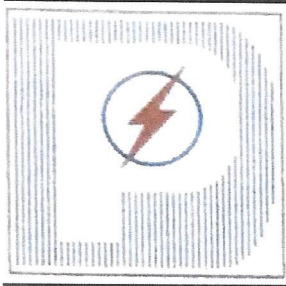
Project Details: - Construction Of 132kv S/C Transmission Line On D/C Towers from Roing to Dambuk Under Comprehensive Scheme for Strengthening of Transmission and Distribution System in Arunachal Pradesh

Selected section length under LOWER DIBANG FOREST DIVISION = 6.757 KM

Sl. No	Description	Bee Line	Route-I (Proposed) (Red)	Route - II (Blue)	Route-III (Green)
A.	Route Particulars				
1	Line Length (km.)	22.8	33.95	39.21	40.011
2	Angle Points	NA	30	35	37
3	Nearby Township	Roing	Roing	Roing	Roing
4	Districts	Lower Dibang Valley	Lower Dibang Valley	Lower Dibang Valley	Lower Dibang Valley
5	State	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh
B.	Terrain				
1	Plan Length (km.)		33.95	39.21	40.011
2	Hill Length (km.)		NIL	NIL	NIL
C.	Crossing				
1	NH Crossings	NIL	2	2	2
			AP15-AP16 (N.H-13)	AP10-AP11 (N.H-13)	AP12-AP13 (N.H-13)
			AP28-AP29 (N.H-13)	AP32-AP33 (N.H-13)	AP34-AP35 (N.H-13)
2	SH Crossings	NIL	NIL	NIL	NIL
3	Railway crossings	NIL	NIL	NIL	NIL
4	Power Line Crossing 132kv & above	NIL	NIL	NIL	NIL
5	Forest		6.757 km	7.580 km	8.020 km

Place: - Pasighat
Date: - 02.03.2022

Executive Engineer (E)
Pasighat Trans. Division No. III
Department of Power
Pasighat (A.P.)
Department of Power, Pasighat



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Sl. No	Description	Bee Line	Route-I (Proposed) (Red)	Route - II (Blue)	Route-III (Green)
6	River crossings		2	2	2
	a) Major		Dibang River-7.1km	Dibang River-7.2km	Dibang River-7.4km
	b) Minor		Deopani River (0.60 km)	Deopani River (0.47 km)	Deopani River (0.49km)
7	Pile Location		Required	Required	Required
8	ROW Constraints		Moderate	Moderate	Moderate
9	Approachability to the Line		Approachable	Approachable	Approachable
10	Advantage		Shortest Route length Lowest AP number, Minimum Forest Minimum River Span	No. are Ap Less than Route-3	No Specific Advantage
11	Disadvantage		Probability of Row problem AP7 to AP9 are Maximum	Probability of Row problem AP4 to AP7 are Maximum Route length more than R1	Probability of Row problem AP4 to AP7 are Maximum Route length more than R1 and R2

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