

**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**

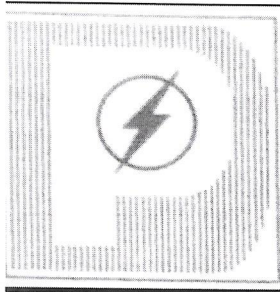
Project Details: - Construction Of 132kv S/C Transmission Line On D/C Towers from Tezu to Halaipani Under Comprehensive Scheme for Strengthening of Transmission and Distribution System in Arunachal Pradesh

Selected section length under LOWER DIBANG FOREST DIVISION = 95.47 KM

Sl. No	Description	Bee Line	Route-I (Proposed) (Red)	Route - II (Blue)	Route-III (Green)
A.	Route Particulars				
1	Line Length (km.)	59.89	89.47	95.47	92.40
2	Angle Points	NA	334	328	382
3	Nearby Township	Tezu, Hayuliang, Hawai, Khupa	Tezu, Hayuliang, Hawai, Khupa	Tezu, Hayuliang, Hawai, Khupa	Tezu, Hayuliang, Hawai, Khupa
4	Districts	Lohit, Anjaw	Lohit, Anjaw	Lohit, Anjaw	Lohit, Anjaw
5	State	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh	Arunachal Pradesh
B.	Terrain				
1	Plan Length (km.)		7.3 Km	13.85 Km	7.3 Km
2	Hill Length (km.)		82.17 Km	81.62 Km	85.10 Km
C.	Crossing				
1	NH Crossings	NIL	33	31	22
2	SH Crossings	NIL	NIL	NIL	NIL
3	Railway crossings	NIL	NIL	NIL	NIL
4	Power Line Crossing 132kv & above	NIL	NIL	2	NIL
				AP18-AP19 (132kv SC Tezu-Namsai), Span(210m)	
				AP18-AP19 (132kv SC Tezu-Namsai), Span(1090m)	
5	Forest		89.47 km	95.47 km	92.40 km

**Place: - Pasighat
Date: - 10.03.2022**

Y. N. Singh
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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		3	3	3
			AP101-AP102 (Tiding River Span 684m)	AP83-AP84 (Tiding River Span 684m)	AP123-AP124(Tiding River Span 520m)
			AP194-AP195(Delai River Span 476m)	AP184-AP185(Delai River Span 398m)	AP241-AP242(Delai River Span 501m)
			AP328-AP329(Lohit River Span 329m)	AP322-AP323(Lohit River Span 398m)	AP376-AP377(Lohit River Span 426m)
7	Pile Location		Not Required	Not Required	Not Required
8	ROW Constraints		Moderate	Moderate	Moderate
9	Approachability to the Line		Approachable	Difficult Approachable	Difficult Approachable
10	Advantage		Shortest Route length	Angle Point Less than Route 1 and 3	Route Length less than Route 2

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