

TABLE - 1

Comparative Statement of Three Alternative Routes for Shifting of 132KV S/C Nirjuli-Gohpur Transmission Line from Location No 42 to Location no 64 due to upcoming Greenfield Airport at Hollongi, Arunachal Pradesh.

Item Description		Route Alignment - 1	Route Alignment - 2	Route Alignment - 3
1	Route Length	8.071 KM	9.445 KM	11.052 KM
2	Terrain Description	Plain	Plain	Plain
3	No of Angle Towers	17 Nos	26 Nos	30 Nos
4	Environmental Details			
i)	Villages in Alignment	7 Villages	7 Villages	7 Villages
ii)	No of House in RoW	0 No	5 Nos	8 Nos
iii)	Trees/Crops & its extent of Damage	91% of Line will pass through forest area. Out of which only approximate 40% will pass through Private Plantations which is unavoidable and rest is passing through cultivated paddy land & seasonal vegetation.	93% of Line will pass through forest area. Out of which only approximate 45% will pass through Private Plantations which is unavoidable and rest is passing through cultivated paddy land & seasonal vegetation.	94% of Line will pass through forest area. Out of which only approximate 47% will pass through Private Plantations which is unavoidable and rest is passing through cultivated paddy land & seasonal vegetation.
5	Forest Involvement			
i)	Forest Area in KM	7.397 KM	8.745 KM	10.352 KM
ii)	Type of Fauna	Sal, Gamari, Teak, Sandal wood, Siris, Sam, Simul, Kadam, Sisu, Tita Sopha, Ajar, Agar, Jamun etc	Sal, Gamari, Teak, Sandal wood, Siris, Sam, Simul, Kadam, Sisu, Tita Sopha, Ajar, Agar, Jamun etc	Sal, Gamari, Teak, Sandal wood, Siris, Sam, Simul, Kadam, Sisu, Tita Sopha, Ajar, Agar, Jamun etc
iii)	Forest Type	Open Forest	Open Forest	Open Forest
iv)	Endangered Species	Nil	Nil	Nil
6	Compensation Cost	Low due to involvement of less forest area & less route length	High due to involvement of more forest area, houses in RoW and longer line length	High due to involvement of more forest area, houses in RoW and longer line length
7	Overall Remarks	Technically & economically most feasible route in view of involvement of less forest area and less route length.	Technically & economically less feasible route in view of involvement of more forest area and higher route length.	Technically & economically less feasible route in view of involvement of more forest area and higher route length.

For & on behalf of POWERGRID

(Prabhat Chandra Ralaha)
Deputy General Manager, POWERGRID

Prabhat Chandra Ralaha
Deputy General Manager, POWERGRID