

JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

66 KV Perbing-Sichey Transmission Line

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 1 kms walking needed to reach line	Approx. 4 kms walking needed to reach line	Approx. 0.8 kms walking needed to reach line
02	Stability of the Area	Stable	Less Stable (extremely hilly terrain)	Stable
03	Vicinity to Towns	Passing by the side of the Lower Sichey.	Passing by the side of the Lower Sichey.	Passing by the side of the Lower.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 0.11 Ha	More than Alt-I Forest Land- 1 Ha	Involves densely inhabited area of native people causing huge displacement of their settlements.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees: 03 nos. No. of Poles: 0 nos. 40 nos bamboos	No. of Trees: 25 approx. nos. No. of Poles: 10 approx. nos. Bamboos= 30 approx. nos.	Private Land (Comparatively lesser trees/poles involved but huge dismantling of house structures)
06	Wildlife Sanctuary	NO	No	No
07	Rich Crop in the Corridor	Less	Moderate	Moderate
08	Right of Way resistance	Less	Comparatively more	More than Alt-I& Alt-II
09	Suitability from O&M point of view	Most suitable	Suitable	Less Suitable considering the settlements of people and their basic living incomes.

(SELECTED)


 Chief Engineer (Electrical)
 Energy & Power Department
 Government of Sikkim
 Gangtok