

JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

66 KV D/C SAMARDONG KUMREK TRANSMISSION LINE

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. .5 kms walking needed to reach line	Approx. 1.00 km walk needed to reach line	Approx. 1.00 km walk needed to reach line
02	Stability of the Area	Stable	hill slide zones found	Less Stable
03	Vicinity to Towns	Passing by the side of the Chalamthang, Singleybong, Saplay, Cheuribotay, Sajong, Padamchey, Kumrek.	Passing through Chalamthang, Singleybong, Khani Gaon, Zitlang, Bhasmey, Kumrek.	Passing through Chalamthang, Burdang, Ralong, Pendam, Sajong, Padamchey, Kumrek.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 3.654 Ha,	More than Alt-I & Alt-III Forest Land 5.675 Ha approx.	More than Alt-I Forest land-approx.4.572
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees – 587 No's No. of Poles – 259 No's Bamboo- 30 No's Approx. 80% (as most of the forest land fall in valley)	No. of Trees - 1200 No's approx. (Including Pole sizes) Approx. 80% (as half of the forest land fall near hilltop)	No.of Trees–950 No's approx. (Including Pole Sizes) Approx. 85% (as most of the forest land fall around hill top)
06	Wildlife Sanctuary	Nil	Nil	Nil
07	Rich Crop in the Corridor	Less	Moderate	More
08	Right of Way resistance	Less	Moderate	More than Alt-I& Alt-II
09	Suitability from O&M point of view	Most suitable	Comparatively more Suitable	Less Suitable

(SELECTED)


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