

**JUSTIFICATION OF SELECTING THE ROUTE IN EAST TERRITORIAL AFTER EXAMINING ALL  
THE ALTERNATIVES**

**66 KV D/C RORATHANG-LILO (PAKYONG – RONGLI) TRANSMISSION LINE**

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. .3 kms walking needed to reach line	Approx. 250kms walking needed to reach line	Approx. 1.00kms walking 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 Dhanukey, Taza, Amba Lasithang Village.	Passing through Dhanukey, Kabuthang, Dughalakaha, Lasithang Village.	Passing through Dhanukey, Tareythang, Mamring, Lasithang Village.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land-1.422Ha,	More than Alt-I Forest Land 1.476 Ha approx.	More than Alt-I& Alt-II Forest land-approx.3.172
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees-617 No's Bamboo-614 No's Approx. 55.9% (as most of the forest land fall in valley)	No. of Trees - 850 nos (Incl 110 Pole) Approx. 60% (as ½ of the forest land fall near hilltop)	No. of Trees-approx nos 1030 Approx. 75% (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 <i>L.R. Choudhury Jr. Engineer IIIA</i>	Most suitable  Additional Chief Engineer Energy & Power Department Government of Sikkim <i>Gangtok</i>	Comparatively more Suitable	Less Suitable

Power Grid Corporation of India Ltd.  
अंतर विद्युत आपूर्ति के लिए  
Ranipool, Sikkim

(SELECTED)