

# JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

## 66 KV D/C Chungthang - Lachen Transmission Line

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 0.5 kms walking needed to reach line	Approx. 1 kms walking needed to reach line	Approx. 1.25 kms walking needed to reach line
02	Stability of the Area	Stable	Less Stable	2/3 hill slide zones found
03	Vicinity to Towns	Passing by the side of the Rabong village.	Passing by the side of the Rabong & Chaten	Passing by the side of the Ranangchu & Chaten
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 10.046 Ha	More than Alt-I Forest Land- 12 Ha approx.	More than Alt-I& Alt-II Forest land- 14 approx. Ha.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees: 265 nos. (Incl. Poles)	No. of Trees - 410 nos.	No. of Trees- 450 nos.
06	Wildlife Sanctuary	Nil	Nil	Nil
07	Rich Crop in the Corridor	Less	Moderate	More
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

(SELECTED)

*M*  
**Chief Engineer**  
**Power Department**  
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**Gangtok**