

JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES
LULO OF 132 KV SAGBARI TO MELLI TRANSMISSION LINE AT LEGSHIPPOOL SUB-STATION

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 1.0 kms walking needed to reach line	Approx. 1.5 kms walking needed to reach line	Approx. 1.85 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 Meyong, Lamaten & Tingmoo.	Passing by the side of the Meyong, Lamaten & Tingmoo.	Passing by the side of the Meyong, Lamaten & Tingmoo.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 0.4752 Ha,	More than Alt-I Forest Land- 1.20 Ha approx.	More than Alt-I& Alt-II Forest land- approx. 1.56 Ha.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees- 31 nos. (including 18 nos. Poles) Total 49 nos. Approx. 74.2 % (as most of the forest land fall in valley)	No. of Trees – 40 nos. (including 11 nos. Pole) Total 51 nos. Approx. 80% (as ½ of the forest land fall near hill top)	No. of Trees- 49 nos. (including 10 nos. Poles) Total 59 nos. Approx. 92 % (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	Comparatively more	More than Alt-I& Alt-II
09	Suitability from O&M point of view	Most suitable	Suitable	Less Suitable

(SELECTED)

[Signature]
Executive Engineer
Energy & Power Deptt.
Ganotok, Sikkim