

SITE INSPECTION REPORT

Laying of 220 KV Transmission Line from New Melli to Leghip Pool in West Sikkim by Energy & Power Department, Government of Sikkim

1. Legal status of forestland proposed for diversion: **Khasmal**
2. Item wise break up of details of forestland proposed for diversion:

Sl. No.	Component	Name and Status of Forest land	Area (in Ha)
1.	Transmission line	Tenzerbung Khasmal	0.875
2.		Rungdung khasmal	0.434
Total			1.309

3. **Details of construction of buildings (if any)**
Not applicable
4. **Total cost of project at present rates**
The estimated cost of the project is Rs **11.07** crores.
5. **Whether forest area proposed for diversion is important from wildlife point of view:**
The proposed forest area for diversion does not form a part of any Protected Area or habitat of any threatened/rare/endangered wildlife.
6. **Vegetation:** The area proposed for the project has a mixed vegetation of *Albizzia sps.*, *Chukrasia tabularis*, *Rhus javanica*, *Dysoxylum procerum*, *Ficus clavata* etc. with open density. A total of **317** nos. of trees has been enumerated to be affected by laying of the transmission line. The removal of trees will have minimal impact on the ecosystem and the same shall be mitigated through effective implementation of Compensatory Afforestation Scheme. The trees shall be felled only if absolutely necessary.
6. **Details of fauna**
Mammals: Barking deer (*Muntiacus muntjac*), Wild pig (*Sus scrofa*), Fox, Civet cat (*Viverra* sp), Porcupine, Monkey, Flying Squirrel, etc.

Amphibians, Reptiles, Birds, Butterflies are also found in the forest area proposed for diversion
7. **Background note on the proposal:** The proposal for Laying of 220 KV Transmission Line is meant to transmit/ evacuate total generation of the 97MW Tashiding HEP.
The proposal requires diversion of 1.309 ha. of forest land which is unavoidable and barest to its minimum.

8. Compensatory Afforestation

Land for CA is appropriate for plantation & management point of view		: Yes	
Land for CA is free from encroachment/other incumbencies		: Yes	
Land for CA is important from religious/archaeological point of view		: No	
Number of patches involved in land identified for CA		: One	

Sl. No.	Location	Range	Plantation area (ha.)	Fencing (in km)	SMC Work (in ha.)	Division
i.	Jhum RF	Soreng	2.618	0.7854	0.6545	West Territorial Division

Map with details	: Enclosed
Total financial outlay	:The total cost of Compensatory Afforestation scheme along with maintenance and protection is Rs. 1054519.00 (Ten Lakhs fifty four thousand five hundred and nineteen) only.

10. Whether proposal involves violation of FCA, 1980 or not. If yes, a detailed report on violation including action taken.

No violation has been observed till date.

11. The requirement of forestland as proposed by the user agency is unavoidable and barest minimum for the project. If no, recommend area item-wise with details of alternative examined.

The area requirement of forestland as proposed by the user agency for diversion is unavoidable and is the barest minimum.

12. Details on catchments and command area under the project and catchment area treatment plan to prevent siltation of reservoir.

N.A.

13. Cost-Benefit ratio (only in case if diverted area is >20 ha)

NA

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