

FORM A

Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.

PART- I

(To be filled up by the user agency)

1. Project Details:

- (i) Short narrative of the proposal and project/scheme for which the forest land is required :-

Energy & Power Department (Govt. of Sikkim) is entrusted to construct 19 nos. of sub-station and 29 nos of transmission lines and 08 nos of bays extension for Strengthening of power transmissions and distributions in Sikkim State for overall integrated power development which is also associated for evacuation of Power from various HEP in state of Sikkim. While in the scheme the proposal is concerned for the construction of "66 KV D/C Samardong Kumrek Transmission Line" on priority having a surveyed length of 11.758 kms.

- (i) Map showing the required forest area, boundary of adjoining forest on a 1:50,000 scale map

The proposed routes of 3 alternatives against each of the lines are plotted on original SOI Toposheet of scale 1:50000 scale (1cm=0.50 km). In addition the proposed route of the selected alignment is also plotted on traced SOI Toposheet of 1:50000 scale (1cm= 0.50 km) for the complete length and is enclosed.

- (ii) Cost of the Project: -

Estimated cost of the Project comes to Rs.1554.97Crore based on 1stquarter, 2013 price. The above estimate includes the cost 19 no's of Sub-station, 29 no's of Transmission lines and 08 no's Bay Extensions. But for the above said line the estimate is approx. 62.6941 crores.

- (iv) Justification for locating the project in the forest area giving alternatives examined and reasons for their rejection: -

Justification for all alternatives enclosed in Flag-A

- (v) Cost-benefit analysis (to be enclosed): - Not Applicable.

- (vi) Employment likely to be generated:-

During Construction:-

For the under consideration transmission line component, the project cost shall be Rs 62.6941 crores. About 20% of this cost shall be labor component. Now considering percentage of various categories of laborers, their daily wages as under: -

- i) Skilled laborer – 20% @ Rs. 335/day
- ii) Semiskilled laborer – 30% @ Rs.320/day
- iii) Unskilled laborer- 50% @ Rs. 300/day.

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Field Engineer
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[Signature]
Additional Chief Engineer
Energy & Power Department
Government of Sikkim
Gangtok

The following employment opportunities are generated: -

i)	Skilled laborers	-	74853 man-days
ii)	Semiskilled laborers	-	117543 man-days
iii)	Unskilled laborers	-	208966 man-days

Permanent/temporary employment of around 10 persons during operation and maintenance of the project.

2. Purpose-wise break-up of the total land required:

Sikkim State: South District

Name of the Scheme	Length of the Line	Total Land Required	Existing Land Use			
			Forest Land			Private Holdings
			Reserve	Khasmal/Gorucharan/Road Reserve	Total	
66 KV D/C Samardong Kumrek Transmission Line	11.75781 Km Involvement in south district - 1.0384 KM	Right of Way: 11.757 Km x 0.018 = 21.15 Ha South District - 1.868 Ha	Right of Way : 0.671 Km x 0.018 = 1.2078 Ha	Right of Way: 0.00 Km x 0.0018 = 0.00 Ha (Under Mamring Range)	Right of Way : 1.2078 + 0.00 = 1.2078 Ha	Right of Way: 1.868 - 1.2078 = 0.6602 Ha

Sikkim State: East District

Name of the Scheme	Length of the Line	Total Land Required	Existing Land Use			
			Forest Land			Private Holdings
			Reserve	Khasmal/Gorucharan/Road Reserve	Total	
66 KV D/C Samardong Kumrek Transmission Line	Involvement in East district - 10.7186 KM	Right of Way : 10.7186 Km x 0.018 = 19.29348 Ha	Right of Way : 1.15931 Km x 0.0018 = 2.086 Ha	Right of Way: 0.19974 Km x 0.0018 = 0.360 Ha (Under Singtam Range)	Right of Way : 2.086 + 0.360 = 2.446 Ha	Right of Way : 19.29348 - 2.446 = 16.84748 Ha

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Forest land involvement	Tree Involvement. Approx.	Felling Required	Remarks
RF/Khasmal/Goucharan	Tree - 704 Nos Bamboo - 30 Nos Poles - 311 Nos	Tree - 587 Nos Bamboo - 30 Nos Poles - 259 Nos	Effort will be made to use tower extn. as far as possible to reduce tree felling.
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TOTAL	Trees with Poles = 1045 No's Bamboo's = 30 No's	Trees with Poles = 876 No's Bamboo's = 30 No's	

Note: - For transmission line land acquisition is not done as land use remain same except temporary surface damage.

3. DETAILS OF DISPLACEMENT OF PEOPLE DUE TO THE PROJECT, IF ANY:
 - i) Number of families : Nil
 - ii) Number of Scheduled Castes/Scheduled Tribe families : Nil
 - iii) Rehabilitation plan (to be enclosed) : Not applicable
4. WHETHER CLEARANCE UNDER ENVIRONMENT (PROTECTION) ACT, 1986 REQUIRED? **NO**
5. UNDERTAKING TO BEAR THE COST OF RAISING AND MAINTENANCE OF COMPENSATORY AFFORESTATION AND/OR PENAL COMPENSATORY AFFORESTATION AS WELL AS COST FOR PROTECTION AND REGENERATION OF SAFETY ZONE, ETC., AS PER THE SCHEME PREPARED BY THE STATE GOVERNMENT (UNDERTAKING TO BE ENCLOSED)

Undertaking enclosed as Flag-B
6. DETAILS OF CERTIFICATE/DOCUMENTS ENCLOSED AS REQUIRED UNDER THE INSTRUCTIONS.
 - a) Ground Survey report.
 - b) Investment approval
 - d) Brief narrative of the scheme.

Serial No. of Proposal _____

(To be filled by the Nodal Officer with date of receipt)

Shouvik
Shouvik Sharma
Field Engineer
Power Grid Corporation