

Full Title of the project: Construction of 33/132kV Sub Station at Barshani  
(Manikaran) Distt. Kullu .

File No.:

Date of proposal:

## CHECK LIST SERIAL NUMBER-11

### CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposal unavoidable and barest minimum forest area i.e. **0.6800 ha** area is proposed diversion.

Place :.....Sarabai.....

Date :.....25/08/2015.....

  
Er. Sanjay Kaushal

Sr. Manager (Projects)

HPPTCL, Sarabai, Bhunter

Distt. Kullu, (H.P.)-175125

Countersigned -

Divisional Forests Office  
Parvati Forest Division,  
Shamshi, Distt. Kullu.

## **Certificate regarding Alternative Explored, Rejected & Selected**

In respect of diversion of **0.6800** hectares of forest land for the construction of 33/132 kV Sub-Station at Barshani (Manikaran) in District Kullu.

It is certified that three alternate Sites viz. Site No.1 , Site No. 2 and Site No.3 were explored, surveyed for the construction of 33/132 kV Sub-Station at Barshani (Manikaran) .Last two sites were rejected due to some substantial reasons and site No.-1 was selected as detailed under:

### **Site No. 1**

- i. Length of proposed high capacity, 132 kV Transmission line ,which will be interconnected this 33/132kV Sub-Station Barshani with 132/220kV Sub-Station at Choror is minimum.
- ii. Location is suitable for line corridors for the interconnection of upcoming Power houses.
- iii. The PWD road is adjoining to the proposed site, so no approach road is required to be Constructed.
- iv. 4 Nos. of trees of different species are to be felled.

**Hence this site is selected.**

### **Site No. 2**

- i. Length of proposed high capacity, 132 kV Transmission line ,which will be interconnected 33/132kV Sub-Station Barshani with 132/220kV Sub-Station of HPPTCL at Choror, will increased by 1 km, accordingly 2.5 ha. of forest land increased which involves additional 150 trees of different species for this diversion of forest land, more forest trees are to be felled.
- ii. Whereas, for this Sub Station about half Km of approach road is required to be constructed alongwith bridge having 45 ton capacity for crossing the electrical equipment's, which requires additional 0.4065 ha. of Pvt. land & forest land and more trees are to be felled and the cost of project will be increased .
- iii. Limited line corridors are available for the interconnection of upcoming IPPS.
- iv. The site No.2 is closer to the village Barshani which involves re-habitation and resettlement that increasing the expenditure for resettlement, which is not viable.

**Hence this site is rejected.**

### **Site No. 3**

- i. Length of proposed 132 kV Transmission line ,which will be interconnected 33/132kV Sub-Station Barshani with 132/220kV Sub-Station of HPPTCL at Choror, will increase by 3 Km.


which involves additional 20 ha. of forestland and 250 nos. extra trees of different species are required to be felled.

- ii. Limited line corridors are available for the interconnection of upcoming independent power producers.
- iii. About two and half Km of approach road is required to be constructed, which increases 2 ha. of forest land and 38 trees coming within the alignment of road and substation are required to be felled for diversion of this forest land

**Hence this site is rejected.**

Place :.....Sarabai, Kullu

Date :.....25/08/2015

  
Er. Sanjay Kaushal  
Sr. Manager (Projects)  
HPPTO, Sarabai, Bhunter,  
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