

**DIVERSION OF 0.1212 HA. OF FOREST LAND FOR CONSTRUCTION OF 33 / 11 kV 2 X 1.6 MVA
SUBSTATION IN VILLAGE JADRANGAL BALLA, DISTRICT KANGRA (H.P.)**

FILE NO. : FP / HP / VELEC / 14796 / 2015

DATE OF PROPOSAL : 09/04/2016


CHECK LIST SERIAL NUMBER – 10

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved for construction of 33 kV, 2 x 1.6 MVA Substation in Mohal Jadrangal Balla in Tehsil Dharamshala, District Kangra, (H.P.) is unavoidable and barest minimum forest area i.e. 0-12-12 ha. which is proposed for diversion.

Place : Dharamshala

Dated : 30/04/2016


Sr. Executive Engineer
Electrical Division
HPSEBL Dharamshala

Countersigned by :


Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

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**ALTERNATE SITES CONSIDERED TO MINIMISE THE USE OF
FOREST LAND FOR CONSTRUCTION OF 33/11 kV, 2 X 1.6 MVA SUBSTATION IN
MOHAL JADRANGAL BALLA, TEHSIL DHARAMSHALA, DISTRICT KANGRA**

ALTERNATIVE-I

The proposed construction of 33 / 11 kV, 2 X 1.6 MVA Substation situated in Mohal Jadrangal Balla, Mouja Jadrangal in Tehsil Dharamshala, District Kangra. The area proposed for diversion is 0-12-12 Hactare of forest land.

Feature considered:

- The land proposed is barren land for the construction of Substation
- Forest land involved to the tune of 0-12-12 Hectares.
- No disturbance to the stable slope & green cover.
- No felling of trees is involved.

ALTERNATIVE- II

This alternative involves construction of the 33 / 11 kV, 2 X 1.6 MVA Substation in village Jadrangal Balla in Tehsil Dharamshala, District Kangra. The area proposed for diversion is 00-15-00 Hactare of forest land but the construction of substation in this alternative is not technically possible. The proposed alternative involves cutting of 11 number of trees.

Feature Considered:

- The area has loose strata so the construction of Substation in this area is difficult which is vulnerable to landslides.
- The construction of the Substation is not feasible
- The area proposed to be diverted is 0-15-00 Hectare.
- The proposal involves 11 trees to be cut resulting into decreasing forest cover in this area.

ALTERNATIVE- III

This alternative involves construction of the 33 / 11 kV Substation in village Jadrangal in Tehsil Dharamshala, District Kangra. The area proposed for diversion is


00-18-50 Hactare of forest land. The proposed alternative involves cutting of 21 number of trees.

Features Considered:


- The area is far away from the road connectivity.
- A bridge needs to be constructed to approach the proposed site which makes the proposal unviable.
- The land involves felling of 21 number of trees, so it is not possible to locate the Substation in this land.

Keeping in view all the above three alternative, the **alternative- I**, which is more suitable and environmental friendly, has been finally adopted.

Place : Dharamshala
Dated : 30/04/2016


Sr. Executive Engineer
Electrical Division
HPSEBL Dharamshala

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Divisional Forest Officer
Dharamshala Forest Division
Dharamshala