

DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF 33kV HT LINE SUB STATION AT BHADWAR, NURPUR IN DISTRICT KANGRA (H.P.)

FILE NO. : **FP/HP/SubStation/142137/2021**
DATE OF PROPOSAL :

ALTERNATE SITES CONSIDERED TO MINIMISE THE USE OF FOREST LAND FOR CONSTRUCTION OF 33/11 kV HT LINE SUB-STATION BHADWAR IN DISTRICT KANGRA

ALTERNATIVE-I

The proposed construction of 33 / 11 kV HT Line Sub-Station Bhadwar situated in Mohal Kalara, Mouja Bhadwar in Tehsil Nurpur, District Kangra. The area proposed for diversion is 0-23-20 Hactare of forest land.

Feature considered:

- The land proposed is located in the centre of two existing Sub-Stations, thus most suitable for the construction of Sub-Station.
- Forest land involved to the tune of 0-23-20 Hectares.
- Less disturbance to the stable slope & green cover.
- Felling of 35 number of trees is involved.

ALTERNATIVE- II

This alternative involves construction of the 33 / 11 kV Sub-Station at Bhadwar in Tehsil Nurpur, District Kangra. The area proposed for diversion is 00-28-60 Hactare of forest land but the construction of substation in this alternative is not technically possible. The proposed alternative involves cutting of 48 number of trees.

Feature Considered:

- The area has loose strata so the construction of Sub-Station 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 0-28-60 Hectare.
- The proposal involves 48 trees to be cut resulting into decreasing forest cover in this area.

ALTERNATIVE- III


This alternative involves construction of the 33 / 11 kV Sub-Station in village Bhadwar in Tehsil Nurpur, District Kangra. The area proposed for diversion is 00-24-50 Hactare of forest land. The proposed alternative involves cutting of 41 number of trees.

Features Considered:


- The area is far away from the road connectivity.
- The area proposed has high gradient thus the area requires construction of high retaining wall, which leads to addition in cost of Project which makes the proposal unviable.
- The land involves felling of 41 number of trees, so it is not possible to locate the Sub-Station 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 : Nurpur
Dated:


Er. Zafar Iqbal
Sr. Executive Engineer
Electrical Division,
HPSEBL, Nurpur

Countersigned by :


Divisional Forest Officer
Dy. Conservator of Forests
Nurpur Forest Division
Nurpur, Dist. Kangra (H.P.)