

**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 :

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 user agency)

| | |
|--|---|
| 1. Project details: | |
| (i) Short narrative of the proposal and project /scheme for which the forest land is required | The proposal involves construction of 33 / 11 kV HT Line Substation at Bhadwar in Mohal Kalara, Tehsil Nurpur, District Kangra, Himachal Pradesh. The proposal requires 0.2320 Hactare of forest land for construction of 33 kV Substation at Bhadwar in Mohal Kalara, in Tehsil Nurpur, District Kangra. The proposal involves felling of 35 number of trees. |
| (ii) Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map. | Layout Plan of the proposed area marked in relevant part of the SOI Topo Sheet is attached. Scale 1: 50,000. |
| (iii) Cost of the project: | Rs. 520 Lakhs. |
| (iv) Justification for locating the project in forest area. | The proposal needs an area of 0.2320 ha of forest land and there is no other suitable Non Forest land available in the close vicinity. Moreover the area is surrounded by forest land so the proposed SubStation at Bhadwar is necessarily to be constructed in forest land. The proposal involves felling of 35 number of trees. |
| (v) Cost-benefit analysis (to be attached). | Not Applicable as the proposed area is less than 5 Hac. |
| (vi) Employment likely to be generated. | 8400 mandays shall be generated from the construction of this SubStation and 2 number of persons will get permanent employment after the Commissioning of the SubStation. |

| 2. Purpose-wise break-up of the total land required: | | | | |
|--|------------------------------|--|--------------------------------|---------------------|
| SL. NO. | COMPONENT / DESCRIPTION | AREA IN FOREST LAND (in Ha.) | AREA IN PRIVATE. LAND (in Ha.) | TOTAL AREA (in Ha.) |
| 1. | 33/11 kV HT Line Sub Station | 0-19-20 | - | 0-19-20 |
| 2. | Parking Area | 0-04-00 | - | 0-04-00 |
| TOTAL AREA (in Ha.) | | 0-23-20 | - | 0-23-20 |
| 3. Details of displacement of people due to the project, if any: i. Number of families. ii. Number of Scheduled Castes/Scheduled Tribe families iii. Rehabilitation plan. (to be enclosed) | | Nil. | | |
| 4. Whether clearance under the Environment (Protection) Act, 1986 is required? (Yes/No). | | 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 | | Attached at Page No. | | |
| 6. Details of Certificates/documents enclosed as required under the instructions. i) Copy of Geo-reference Map ii) Revenue Papers. (Parcha, Field Book, tatima). | | Attached at page No. Attached at page No. | | |

Signature

Er. Zafar Iqbal
Sr. Executive Engineer
Electrical Division
HPSEBL, Nurpur - 176204
Email: xenhpsseblnurpur@gmail.com
Contact No. : 8219994598

Date:-
Place:- Nurpur

**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 :

DETAIL NOTE ON THE PROJECT

The proposal for construction of 33/11 kV HT Line Sub-Station at Bhadwar in Mohal Kalara in Tehsil Nurpur, District Kangra. The existing 2 X 10 MVA 33/11 kV Transformer bank installed at 220/132/33/11 kV Grid Sub-Station Jassur caters to the load requirement of Electrical section Khajjian, Bhadwar and Nurpur through 11 kV Jassur Kotla feeder emanating from it. The peak load of this feeder is recorded as 2 MVA in the month of August. The peak load of this transformer bank is 18 MVA during this month and it is one of the feeder out of total eight feeders emanating from this power bank. The 11 kV Jassur - Kotla Feeder is feeding to the huge population residing in seven Panchayats namely, Gahin Lagore, Nagni, Kherian, Bhadwar, Kot Palari, Hathidhar and Milkha with feeder length of 16 kms (main feeder) and 60 kms spur feeders resulting in low voltage. Also one number Kotla - Mastgarh Bhadwar 11 kV feeder emanating from 33/11 kV Sub-Station Kotla, feeds to the parts of this area. The end to end length of main 11 kV feeder between 220/132/33/11 kV Grid Sub-Station Jassur and 33/11 kV Sub-Station Kotla is 30 kms i.e. 16 kms from Jassur and 14 kms from Kotla end. As proposed site is exactly at the centre of both Sub-Stations 220/132/33/11 kV Grid Sub-Station Jassur and 33/11 kV Sub-Station Kotla, it will reduce the distance of existing 30 km of 11 kV line to 20 kms length, thereby reducing the transmission losses, thus saving funds and providing better voltage regulation. There is acute low voltage problem in the major parts of the project area and the low voltage is further aggravated due to lengthy L.T. distribution lines feeding the scheme area. There is huge pressure from public representatives to improve the voltage and to maintain regular / uninterrupted power supply to these Panchayats.

Hence keeping in view of the above facts, there is urgent necessity for construction of 33/11KVHT Sub-Station at Bhadwar which will not only improve the power supply system but also reduce the HT/LT ratio and secondary system as well as following intangible benefits are expected after completion of the project:-

- i) Improved voltage regulation and quality service to the consumers.
- ii) Increase in the reliability index of the power supply.
- iii) Un-interrupted power supply to the consumers.
- iv) Reduction of T&D losses.

The Proposal Comprises of the following civil works.

- 33/11 kV HT Sub-Station.
- Parking Area.

The adverse impact of the construction on the environment shall be taken care of. Cut & fill method shall be used for disposal of muck/debris and the rest would be used in filling the embankments of different structures, retaining walls and low lying areas. Thus every care shall be taken to minimize the ill effect on the environment.

LOCATION OF THE PROJECT:

The construction of the 33 / 11 kV HT Sub-Station at Bhadwar is proposed in Mohal Kalara Mouja Bhadwar in Gram Panchayat Bhadwar, Tehsil Nurpur in District Kangra, Himachal Pradesh

JUSTIFICATION FOR LOCATION THE PROJECT IN FOREST AREA:

The location of the 33 / 11 kV HT Substation Bhadwar proposed is exactly at the centre of both Sub-Stations 220/132/33/11 kV Grid Sub-Station Jassur and 33/11 kV Sub-Station Kotla. The proposal involves felling of 35 number of trees. No other viable alternative is available for the project so it has to be as such located in the forest land. Keeping in view of the technical requirements of the Project, alternative involving minimum forest land and trees have been adopted.

Total Population Benefited:


The population of 197 persons (As per Census 2011) living in Mohal Kalara will be benefited with the construction of 33/11 kV HT Sub Station Bhadwar. However, approximately 3000 people residing in Gram Panchayat Gahin Lagore, Nagni, Kherian, Bhadwar, Kot Palari, Hathidhar and Milkha will be benefitted with the construction of 33/11 kV HT Sub-Station at Bhadwar.

Project objectives:

- Improved voltage regulation and quality service to the consumers.
- Increase in the reliability index of the power supply.
- Un-interrupted power supply to the consumers.
- Reduction of T&D losses.

The project would have lot of long term direct and indirect advantages. Hence the project is requested to be considered.

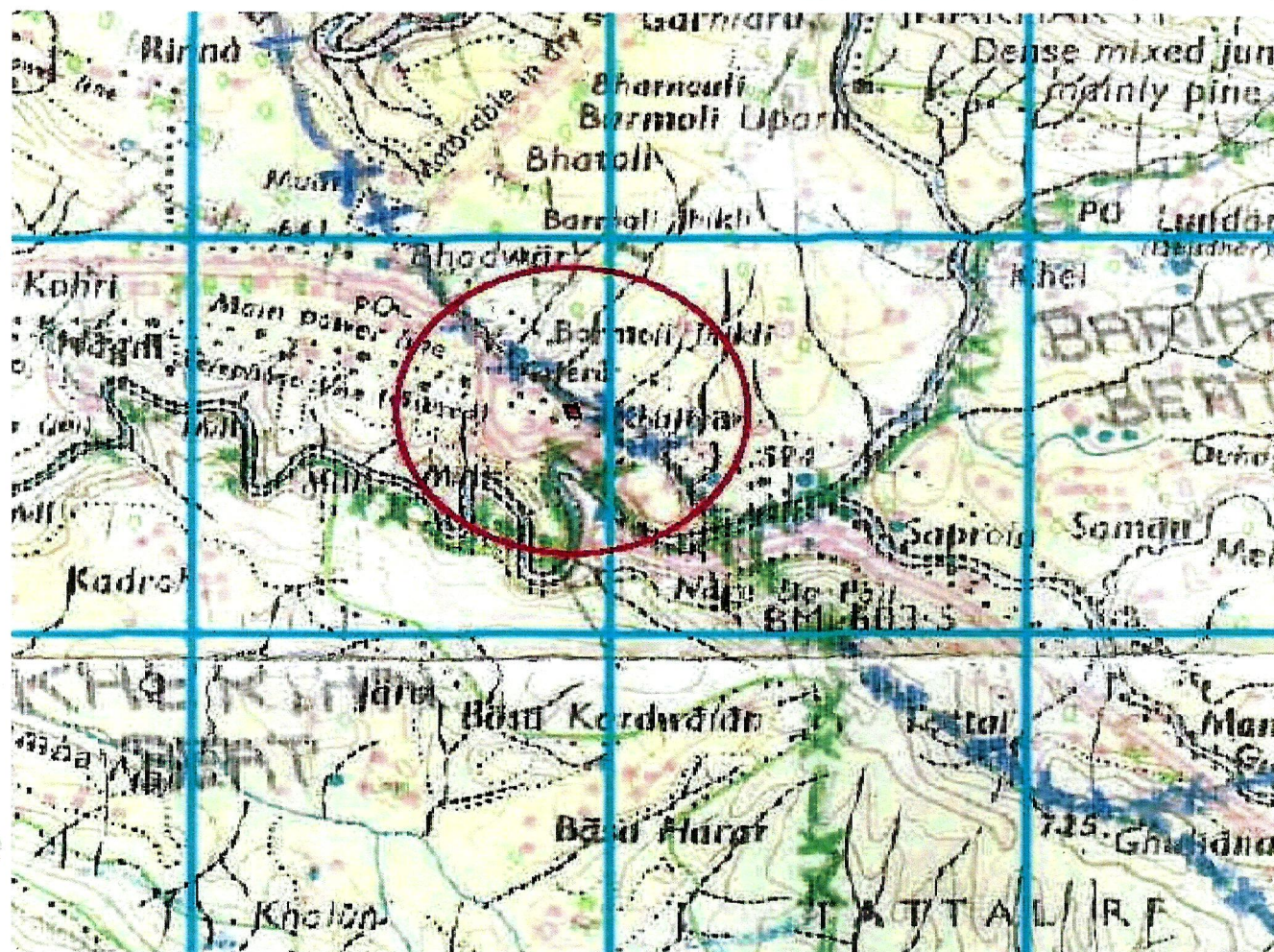
Place : Nurpur
Dated:


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

CONSTRUCTION OF 33 KV SUB STATION AT BHADWAR TEHSIL NURPUR, DISTRICT KANGRA

TOPO MAP

SOI TOPO SHEET NO. 43 P/15

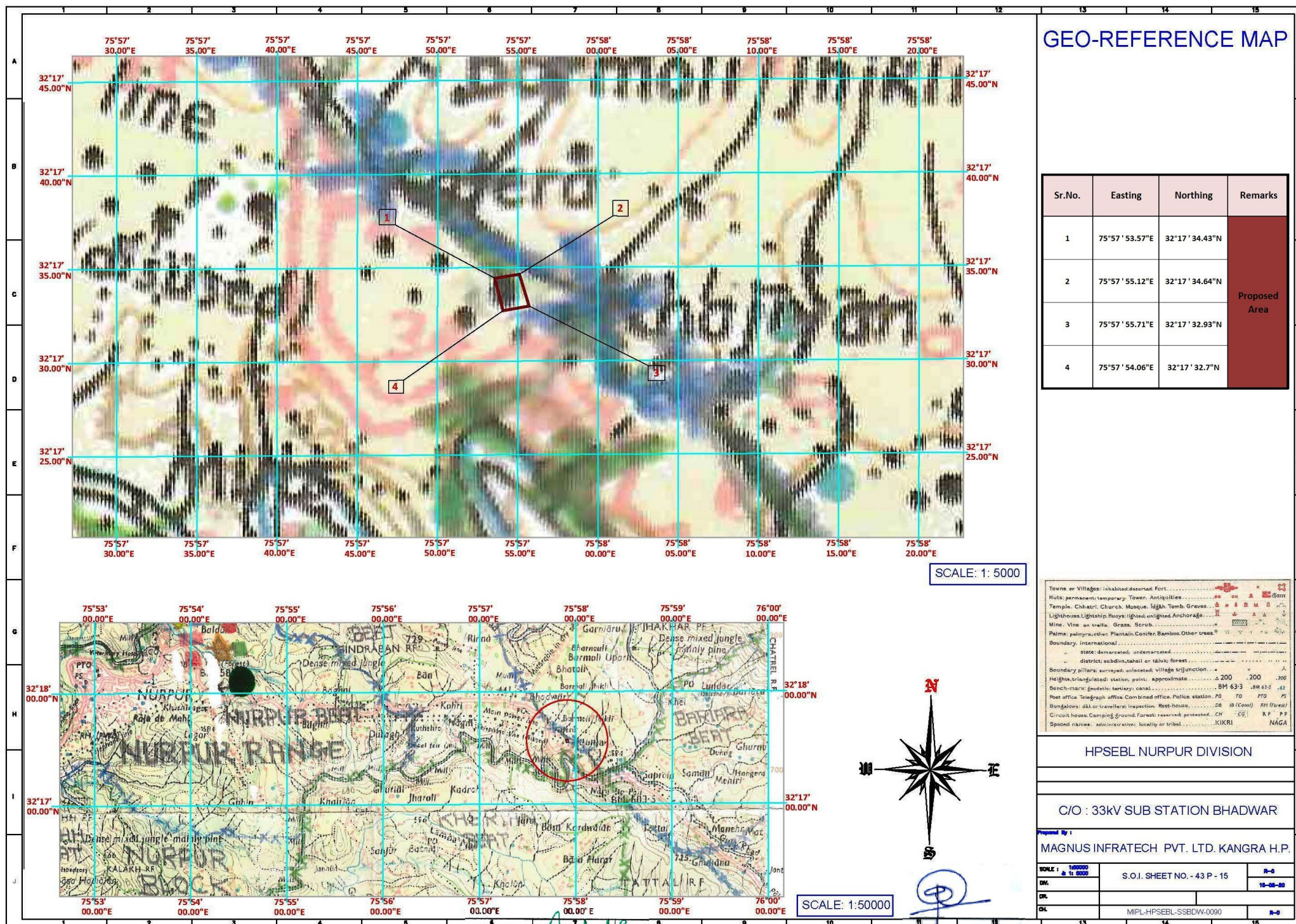


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| | |
|----------------|-----------|
| Area Proposed | 0.2320 ha |
| Trees Involved | 4 No. |


Executive Engineer
Dy. Conservator of Forests
Nurpur Division
Nurpur, Dist. Kangra (H.P.)
HPSEBL Nurpur (H.P.)


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



Dy. Conservator of Forests
Nurpur Forest Division,
Nurpur, Dist. Mandi

Senior Executive Engineer,
Electrical Division
HPSEB, Nurmur

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HT LINE SUB STATION AT BHADWAR, NURPUR IN DISTRICT KANGRA (H.P.)**

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

CHECK LIST SERIAL NUMBER - 06

**STATEMENT SHOWING DETAILS OF FOREST AREA
PROPOSED FOR DIVERSION**

| Sr. No. | District | Division | Description | Range / Tehsil/Village | Khasra Number / Survey or Compartment Number or Km Stone. | Forest Area proposed for Diversion | Forest Area proposed for Diversion | Classification of Forest Land. | Legal Status of Forest Land |
|---------|-----------------|----------|-------------------------|-------------------------|---|------------------------------------|------------------------------------|--------------------------------|-----------------------------|
| 1 | Kangra District | Nurpur | 33/11 kV HT Sub-Station | Kalara / Bhadwar | 117 / 1 | 2320 | 0-23-20 | Banjar Kadeem | UCF |
| Total | | | | | | 2320 | 00-23-20 | HA | |

Place : Nurpur

Dated :


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

**DIVERSION OF 0.2320 HA. OF FOREST LAND FOR CONSTRUCTION OF 33kV
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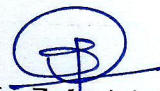
FILE NO. : **FP/HP/SubStation/142137/2021**
DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER – 07

**STATEMENT SHOWING DETAILS OF NON-FOREST AREA
INVOLVED IN THE PROPOSAL**

| Sr. No. | District | Forest Division | Description | Range / Tehsil/Village | Khasra Number / Survey or Compartment Number or Km Stone. | Non / Forest Area proposed for Diversion | Non / Forest Area proposed for Diversion | Classification of Non - Forest Land. | Legal Status of Non Forest Land |
|---------|----------|-----------------|-------------|---------------------------|--|---|---|--|---------------------------------------|
| | | | | | | | | | |
| | | | | NIL | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Total | | | | | | - | - | Ha | |

Place : Nurpur
Dated:


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

Countersigned by :



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

**CERTIFICATE OF NON AVAILABILITY OF NON
FOREST LAND IN RESPECT OF EXECUTIVE
ENGINEER HPSEB LTD DIVISION NURPUR FOR
THE CONSTRUCTION OF 33 KV HT LINE SUB-
STATION AT BHADWAR IN TEHSIL NURPUR OF
DISTT. KANGRA WITHIN JURISDICTION OF
NURPUR FOREST DIVISION.**

As per report of Sub Divisional Officer (Civil) Nurpur vide letter no. 485/SDK dated 10-12-2020, it is certified that no other land than the forest land is available in Mohal Kalera and Bhadwar Tehsil Nurpur for the construction of 33 KV HT Line Sub-Station at Bhadwar in Tehsil Nurpur of Distt. Kangra.

No. 939...../DRA

Dated: 29-01-2021


Collector Kangra Distt.
at Dharamshala

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CHECK LIST SERIAL NUMBER – 9


JUSTIFICATION OF LOCATION OF THE PROPOSAL ON THE FOREST LAND

Certified that location of all the civil component of the 33 kV HT Sub-Station Bhadwar in Mohal Kalara, Mauja Bhadwar, Tehsil Nurpur, District Kangra, (H.P.) is feasible in the forest land only. There is no other Private land / Govt. land available in the concerned area. Moreover the proposed 33/11 kV Sub-Station Bhadwar is located exactly at the centre of both Sub-Stations 220/132/33/11 kV Grid Sub-Station Jassur and 33/11 kV Sub-Station Kotla. So it is the most feasible / justified area for the construction of 33/11 kV Sub Station at Bhadwar. The proposal involves felling of 35 number of trees in placing the civil component of the Proposal in the forest land.

Place : Nurpur
Dated:


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

Countersigned by :


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