

No 1676
HP Forest Department.
Dated Rohru the 19/07/2016

From DFO: Rohru

To: CF Shimla.

Subject


Diversion of 14.55.10 Ha of forest land in favour of HPPTCL for the construction of 132KV D/C Transmission line from Tangnu-Romai HEP to 66/132/220KV P.S. Sunda (Chirgaon) within Jurisdiction of Rohru Forest Division.

Memo

This is with reference to your office memo No 654 dated 22-04-2016 the point wise reply/information sought is as under please:

1. The district Profile data has been updated online.
2. The Soft copy of KML file and shape file thereof is attached herewith in the CD.
3. The details of trees have been corrected online.
4. The Calculation of density has been corrected.
5. The previous working plan was from 1994-1995 to 2008-2009 in which there was no prescription about the said Trans Line.

It is, therefore, requested that the information may please be sent to higher authorities for according necessary approval under Forest Conservation act. 1980.


Divisional Forest Officer,
Rohru, Forest Division Rohru,

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

File no: _____

Date of proposal: _____

PART II

(TO BE FILLED BY CONCERNED DEPUTY CONSERVATOR OF FORESTS)

Serial No. Of the proposal _____

7.	LOCATION OF THE PROJECT/ SCHEME:	Details as under																																																																		
(i)	State /Union Territory	Himachal Pradesh																																																																		
(ii)	District	Shimla.																																																																		
(iii)	Forest Division	Forest Division Rohru																																																																		
(iv)	Area of forest land proposed for division (in Ha)	14.55.10Ha																																																																		
(v)	Legal status of forest	UPF Total= 14.55.10																																																																		
(vi)	Density of vegetation	Less than 10%																																																																		
(vii)	Species-wise (Scientific names) and diameter class wise enumeration of trees																																																																			
	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th colspan="11">Total Detail of trees Rohru Division</th> </tr> <tr> <th>Sr. No.</th> <th>Name of Species</th> <th>V</th> <th>IV</th> <th>III</th> <th>IA</th> <th>IIA</th> <th>IIB</th> <th>IC</th> <th>ID</th> <th>Total</th> </tr> <tr> <td>1</td> <td>(Pinus Walichina) Kail</td> <td>1</td> <td>2</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>4</td> </tr> <tr> <td>2</td> <td>(Cedrus Deodara) deodar</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>3</td> <td>(Pinus Roxburghi) Chil</td> <td>4</td> <td>11</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>16</td> </tr> <tr> <td></td> <td>Total Trees</td> <td>5</td> <td>13</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>20</td> </tr> </table>		Total Detail of trees Rohru Division											Sr. No.	Name of Species	V	IV	III	IA	IIA	IIB	IC	ID	Total	1	(Pinus Walichina) Kail	1	2	1	0	0	0	0	0	4	2	(Cedrus Deodara) deodar	0	0	0	0	0	0	0	0	0	3	(Pinus Roxburghi) Chil	4	11	1	0	0	0	0	0	16		Total Trees	5	13	2	0	0	0	0	0	20
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(viii)	Brief of vulnerability of the forest area to erosion.	There is no possibility of erosion to forest land by the construction of the proposed 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda(Chirgaon) Tehsil Chirgaon Distt Shimla(HP) because the same has been proposed on the hard rocky strata.																																																																		
(ix)	Approximate distance of proposed site for diversion from boundary of forest.	7-8 Km																																																																		

(x)	Whether forms part of national park, wild life sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to annexed).	No
(xi)	Whether any rare/endorsed/unique species of flora and fauna found in the area-if so details thereof.	No rare endangered species of flora or fauna is found in the area.
(xii)	Whether any protected archaeological/ heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes
9.	Whether any work in violation of the act has been carried out (Yes/No.) If yes, details of the same including period of work did, action taken on erring officials. Whether work in violation is still in progress.	No
10.	Details of compensatory afforestation scheme: i). Details of non forest area/degraded forest identified for company afforestation, its distance from adjoining forest, number of patches, size of each patch.	The compensatory afforestation over double the land being diverted will be raised over 29.10.20 Ha. in degraded forest land in the detailed compensatory afforestation scheme is attached.
	ii) Map showing non-forest/degraded forest area identified for compensatory afforestation, and adjoining forest boundaries.	Attached
	iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Attached
	(iv) Total financial outlay for compensatory afforestation scheme.	=5175655.00
	(v) Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (to be signed by the concerned Deputy Conservator of Forest)	Attached
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7(xi, xii), 8 and 9 above.	Attached
12	Division/District Profile	
	(i) Geographical area of the district	170705Ha of this division

	(ii) Forest Area of the districts	Demarcated:- 24503.97 Ha Un Demarcated:-57260.02 Ha
	(iii) Total forest area diverted since 1980 with Number of cases.	=202-80-73Ha=64 Cases
	(iv) Total compensatory afforestation stipulated in the District/Division since 1980 as on 31-03-2016	
(a)	Forest land including penal compensatory afforestation	482-49-70 Ha
(b)	Non Forest land	Nil
(c)	Progress of compensatory Afforestation as on. 31-03-2016	
	(a) Forest land.	284-03-87 Ha
	(b) Non Forest land.	Nil
13.	Specific Recommendation of the DCF For acceptance or otherwise of the proposal with reasons.	The proposal is recommended for approval please.

Dated19.5.16.....
PlaceRohru.....

Divisional Forests Officer,
Rohru Forest Division, Rohru
Rohru Forest Division,
Rohru

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

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Calculation of **Density** of trees on Forest Land to be diverted under FCA for Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).

Rohru Forest Division.

Total Forest area to be Diverted=**14.55.10 Hac.**

Total No of Trees=**20**

Trees bellow class III=**20**

Trees above Class III =**00**

Conversion of be~~l~~ow IIIrd Class into above IIIrd Trees by taking 2 Trees of upto IIIrd Class as 1 Tree if Higher Class.

20 trees be~~l~~ow Class III=**10** Trees above Class III

Therefore Total Trees above Class IIIrd=**10**

No of Trees per Ha= $10/14.55.10 = 0.69$

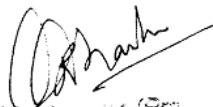
If **400** Trees are above IIIrd Class Then Density =**100**


If **10** Trees Then Density = $100/400 \times 10 = 2.5$

Density per Hac. =**2.5**

Date:- 0 - 05 - 2016

Place:- Rohru


Sr. Manager (Projects),
HEPTCL Divn/Rohru,
Distt Shimla (HP).


Divisional Forest Officer,
Rohru Forest Division, Rohru.
Rohru Forest Division,
Rohru