

Enumeration of diversion of forest land for construction of 33kv transmission line from Jang to Thingbu under comprehensive scheme for strengthening T & D system in Arunachal Pradesh (28.67 HA) by department of power Govt. of Arunachal Pradesh, UNDER SOCIAL FORESTRY RANGE JANG, ARUNACHAL PRADESH.																				
Sl No	DETAILS OF TREES		CLASS	UNDER GROWTH TREES	POLE CATEGORIES		GIRTH IN METRES												Total no. of trees	Total volume
	BOTANICAL NAME	LOCAL NAME			0-0.30	0.31-0.60	0.61-0.90	0.91-1.20	1.21-1.50	1.51-1.80	1.81-2.10	2.11-2.40								
				Number	Number	Number	VOLUME	Number	VOLUME	Number	VOLUME	Number	VOLUME	Number	VOLUME					
1	Taung		A-IV						4				4		6.228	1	2.549	9	12.777	
2	Blue Pine		A-IV						7				3		4.671	2	5.098	18	24.413	
3	Poplar		F		2		0.68	3	1.527									5	2.207	
4	Alnus		F	127														127	0	
5	Oak		F							3	4.248	1	2.124					4	6.372	
	TOTAL			127	0	2	0.68	3	1.527	11	11	9	11.892	8	13.023	3	7.647	163	45.769	

NOTE: VOLUME CALCULATED BASED ON VOLUME TABLE OF TENGA R.F., BOMDILA FOREST DIVISION

MAWANG GENTSEN
RANGE FOREST OFFICER,
SOCIAL FORESTRY RANGE, JANG
ARUNACHAL PRADESH.

दीपजय देवनाथ / Deepjoy Debnath
अभियंता (कम्प टी एंड डी)
Engineer (Comp. T&D)
पावरलिड, तबोंग/POWERGRID, TAWANG

Divisional Forest Officer
Social Forestry Division
Tawang

Annexure-4

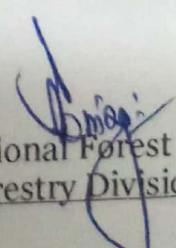
List of Flora and Fauna available in the forest area (28.67 ha) for the proposed of diversion for **33/11 KV Jang to Thingbu Transmission line (area, 28.67 Ha)**

FAUNA:

Sl. No.	Name	Remarks
1.	Wild Boar	Not physically seen during survey & inspection. Evidence of presence noticed and also reported; some are resident and others migratory
2	Blood Pheasant etc	
3	Hoopoe	
4	Doves	

FLORA:

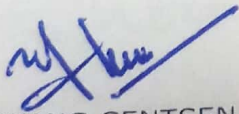
S.No	Name of Species (local/ common)	Botanical Name	Remarks
1.		Oak	Many other flora species such as: Stipa, Saxifraga, primula, Berberis etc are also found at many places but are too less in number and heights to record.
2.	Rah-Seng	<i>Tsuga</i>	
		Blue Pine	
		Poplar	
3	Mu- sheng	<i>Alnus nepalensis</i>	


Divisional Forest Officer
Social Forestry Division: Tawang

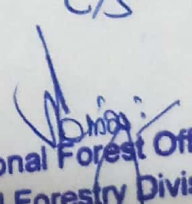
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VALUATION OF TREES IN THE 28.67 HA AREA PROPOSED TO BE DIVERTED FOR THE CONSTRUCTION OF 33KV TRANSMISSION LINE FROM JANG TO THINGBU UNDER COMPREHENSIVE SCHEME FOR STRENGTHENING T & D SYSTEM IN ARUNACHAL PRADESH BY DEPT. OF POWER GOVT. OF ARUNACHAL PRADESH, UNDER SOCIAL FORESTRY RANGE JANG, ARUNACHAL PRADESH.

1	Total area under proposal for Diversion/Hiring (HA)	28.67
2	Forest Type	Himalayan Moist Temperate
3	Eco Class	VI
4	Density of Vegetation	0.3 (Open Forest)
5	Rate of NPV per hectare (For Eco class VI, Forest density 0.3 (open forest))	699000
6	Value of NPV= (699000*28.67)	20040330
	Rs. Two core forty thousand three hundred and thirty only	20040330


 NAWANG GENTSEN
 RANGE FOREST OFFICER,
 SOCIAL FORESTRY RANGE, JANG
 ARUNACHAL PRADESH.

C/S


 Divisional Forest Officer
 Social Forestry Division
 Tawang

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Divisional Forest Officer
Hapoli Forest Division
Divisional Office
Hapoli
P.O. Box 91120
Dunedin

rest Office