

**BILL FOR NPV**

**Full Title of the Project: -** Diversion of 7.4268 hac. forest land for construction of Upper Kurmi SHEP (8.00 MW).

**File No.:-** FP/HP/HYD/42325/2019

**Date of Proposal: -** 19/10/2019

**CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA FOR CONSTRUCTION OF UPPER KURMI SHEP (8.00 MW)**

1.	Area being diverted	7.4268 ha.
2.	Total trees in the diverted land	198 Nos
3.	Trees up to 3 <sup>rd</sup> class	162 Nos
4.	Trees above 3 <sup>rd</sup> class	36 Nos
5.	Conversion of up to 3 <sup>rd</sup> class trees into 3 <sup>rd</sup> class trees by taking 2 trees of upto 3 <sup>rd</sup> class as one tree of higher class.	162 trees upto 3 <sup>rd</sup> class = 81 trees above 3 <sup>rd</sup> class
6.	Therefore total trees above 3 <sup>rd</sup> class	117 Trees
7.	No of trees in 74268 sqm.	117 trees
8.	No. of trees per ha.	$117/74268 \times 10000 = 15.753$ trees
9.	If 400 trees of and above 3 <sup>rd</sup> class per ha then density	100
10.	If 15.753 trees above 3 <sup>rd</sup> class per ha then density	$100/400 \times 15753/1000 = 3.938 \%$
11.	Rates applicable for forest having density between 0-10% (Open Forest) Eco Class VI	10,69,470/-
12.	For 1 ha. NPV chargeable	10,69,470/-
13.	For 7.4268 ha NPV chargeable	$10,69,470/- \times 7.4268 = 79,42,740/-$
	<b>Total</b>	<b>79,42,740/-</b>

Place:- Rampur  
Dated:- 21/12/2022

  
(Vikalp Yadav), IFS  
Dy. Conservator Forests,  
Rampur Forest Division,  
Rampur Bushahr.  
Office Seal \_\_\_\_\_