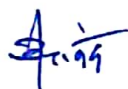


ANNEXTURE-2

PARAMETERS FOR EVALUATION OF LOSS OF FOREST

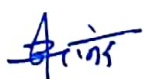
SL. NO.	PARAMETERS	LOSS	REMARKS
1	Loss of value of timber, fuel wood and minor forest produce on an annual basis including loss of man-hour per annum of people which derived livelihood and wages from the harvest of these commodities.	Rs. 18,428.00/- per year	Considering no. of trees to be felled- 215(approximately) and average cost of each tree Rs 3000.00/-only total cost comes to Rs 6,45,000.00/- ,assume life of transmission line is 35 years , hence loss per annum= Rs 6,45,000/35= Rs 18,428.00/-
2	Loss of animal husbandry productivity including loss fodder	Nil	No fodder is produced on the proposed land of forest
3	Cost of human resettlement	Nil	No. people is being displaced
4	Loss of public facilities and administrative infrastructure (roads buildings school, dispensaries electrics lines, railway etc.) on forest land or which would require forest land if these facilities were diverted due to the project.	Nil	No public facilities is being displaced.
5	Environmental loss:(Soil erosion, effect of hydrological cycle, wildlife habitat microclimate upsetting of ecological balance)	Nil	Only tower foundation at a distance of about 300-400 meter distance will be placed on the ground which will be compacted properly after the foundation work and revetment wall will be provided wherever required .Hence there will be no soil erosion After construction ,dwarf trees may be planted .Hence there will be no adverse effect on hydrological cycle, wildlife habitat etc.
6	Suffering of ousters	Nil	No people is being displaced



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PARAMETERS FOR EVALUATION OF BENEFIT , NOTWITHSTANDING LOSS OF FOREST

SL. NO.	PARAMETERS	BENEFIT	REMARKS
1	Increase in productivity attributable to the specific project	Rs 6490.1088 Million/year	Please see annex. A1
2	Benefit to economy	On construction of line power to the tune of 1000 MW will be transmitted between 400/220/132 KV Sitamarhi Substation 400/220/132 KV MOTihari Substation of Power Grid , Bihar which will connected to national grid. This Huge power, will be utilised for industries and domestic areas. This will bring industrial growth in the country there by benefitting our economy. Due to supply of power in domestic areas, the living standard of people will be improved.	
3	No. of population benefitted	125 million approximately	Considering per capita power consumption as 632 unit and net energy transfer of 7726.32 million unit/Year total population to be benefitted= $7726.32 \times 1000000 / 632 = 12225189.87$. However due to industrial growth 125 million people are likely to be indirectly benefitted.
4	Employment potential	10000nos. Approximately	
5	Cost of acquisition of facility on non forest land wherever feasible	Nil	No land is acquired for transmission line project as per electricity rule. Hence acquisition cost is nil.
6	Loss of (a) agriculture & (b) animal husbandry production due to diversion of forest land.	Nil	There will be no affect on agriculture animal husbandry production as dwarf trees herbs may be planted below the transmission line.
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	Nil	No people is being displaced.
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	Nil	No free fuel-wood will be utilised during construction of line.


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