

Name of the Project: Construction of 132kV line from Balrabi to W. Phalleng Via Mamit

Table B - Estimation of cost of Forest diversion

SN	Parameters	Remarks	Response
1	Ecosystem services losses due to proposed forest diversion	Economic value of loss of eco-system services due to diversion of forests shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF&CC). <i>Note: In case of National Parks and NPV shall be ten (10) times the normal NPV and in case of Wildlife Sanctuary the NPV shall be five (5) times the normal NPV or otherwise prescribed by the ministry or any</i>	Forest under Project site area are Tropical Wet Evergreen Forests (Eco Class 1), and Forest canopy cover is between 10.7379 Hectre so Moderate Dense Forest (MDF) NPV - 9.9X10.7379 Forest areas (10.7379 Ha) = INR 106.30 Lakh
2	husbandry productivity, including loss of	Nil	Nil
3	Cost of human resettlement	To be quantified and expressed in monetary terms as per approved R&R plan	No
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, etc) on forest land, which would require forest land if these facilities were diverted due to the project	To be quantified and expressed in monetary terms on actual basis at the time of diversion	No  Executive Engineer Mamit Power p&E Dept
5	Possession value of forest land diverted	(NPV) due to loss of forests or circle rate of adjoining area in the district should be added as a cost component as possession value of forestland whichever is maximum	YES : INR 106.30 Lakh

6	Cost of suffering to oustees	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years had he not been shifted.	No
7	Habitat Fragmentation Cost	While the relationship between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule. The actual cost of	YES : INR 53.15Lakh
8	Compensatory afforestation and soil & moisture conservation cost	compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value	Yes, Cost of compensatory afforestation : INR 106.30Lakh
			Yes, Soil & moisture conservation cost : Nil
Table-C - Existing guidelines for estimating benefits of forest-diversion in CBA			
SN	Parameters	Remarks	Response
1	Increase in productively attribute to the specific project	To be quantified & expressed in monetary terms avoiding double counting	After completion of this project, Mamit District will have dual source for power Supply ie.From Zuangtui, Aizawl and Bairabi. Maintaining uninterrupted power supply will increase the productivity of various industry under Mamiut District.


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