

WORKSHEET FOR CALCULATION OF COST BENEFIT RATIO

For 132KV Transmission line from Leimatak to Ningthoukhong

This project is for the construction of 132 kV transmission line to be erected from Leimatak to Ningthoukhong (6.22 km). Once the project is commissioned, the Manipur State Power Company Limited will be able to deliver power from Leimatak Power House to 132KV ring circuit of the state via 132KV Ningthoukhong S/S. So, this project will be benefited to the people of entire state specially Bishnupur district. The cost involved for the project and returns received is shown as under.

A. COST (Evaluation of Loss of Forest)

Sl. No.	Parameters	Details of calculations	Rate	Amount Rs. in lakhs.
1	Cost of the Project.			1247.39

B.BENEFITS (Evaluation of benefit)

Sl. No	Parameters	Details of Calculations	Amount Rs. in lakhs
1	Increase in productivity attributable to the specific project.	20,000 nos of consumers @ Rs. 6000 pa for 25 years	30,000.00
2	Benefits to economy i) agro Socio Economic (ASP) ii) Industrialization	50 Nos @ 7200 pa for 25 years 100 Nos @ 12000 pa for 25 years	90 300
3	No. of population benefited.		
4	Employment potential 30% on non executive Labour force Construction stage Maintenance		
5	Cost of acquisition of facility on non- forest land wherever feasible.		
6	Loss of (a) agriculture (b) animal husbandry production due to diversion of forest land.		
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement.		
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.		
TOTAL:			30,390.00

Cost Benefit Ratio 1247.39 : 30,390 = 1 : 24.36

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