

## WORKSHEET FOR CALCULATION OF COST BENEFIT RATIO

### For 132kV Transmission line from Kakching to Churachanpur

This project is for the construction of 132 kV 2nd Circuit transmission line to be erected from Kakching to Churachandpur (37.858 km). Once the project is commissioned, it will benefit the people of entire state specially of Kakching in Thoubal district and Churachandpur District. The cost involved for the project and returns received is shown as under.

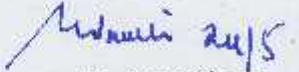
#### A. COST ( Evaluation of Loss of Forest)

Sl. No.	Parameters	Details of calculations	Rate	Amount Rs. in lakhs.
1	Cost of the Project.			386.20

#### B. BENEFITS ( Evaluation of benefit)

Sl. No	Parameters	Details of Calculations	Amount Rs. in lakhs
1	Increase in productivity attributable to the specific project	5000 nos of consumers @ Rs. 6000 pa for 25 years	7,500.00
2	Benefits to economy		
	i) Agro Socio Economic (ASE)	20 Nos @ 7200 pa for 25 years	36.00
	ii) Industrialization	30 Nos @ 12000 pa for 25 years	90.00
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.		
		<b>TOTAL:</b>	<b>7,626.00</b>

Cost Benefit Ratio 386.20 : 7626.00 = 1 : 19.75

  
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