

WORKSHEET FOR CALCULATION OF COST BENEFIT RATIO
FOR 132 KV LINE FROM KHENGJANG TO THANLON

The proposed project will be implemented on turn-key basis under NLCPR scheme. After the project is commissioned, the Manipur State Power Company Limited will be able to supply power to the following 33/11 kV substations located at Singhat, Henglep, Thanlon and Parbung. The people of Singhat, Henglep, Thanlon and Tipaimuk Sub-Divisions of Churchandpur District will be benefited. The cost involved for the project and returns received is shown as under.

Sl. No.	Parameters	Details of Calculations	Rate	Amount (Rs. In lakh)
1.	Cost of the Project			10916.09

BENEFITS (Evaluation of benefit)

Sl. No.	Parameters	Details of Calculations	Amount (Rs. in lakh)
1	Increase in productivity attributable to the specific project (assuming 2,500 consumers at the rate Rs. 6,000 p.a for 25 yrs.)		37,500.00
2	Benefits to economy Agro Socio Economics (@ Rs. 400 p.m) Industrialization (@ Rs. 800 p.m)	100 150	120.00 360.00
3	No. of population benefited	1,30,000	0
4	Employment potential 30% on non executive Labour force construction stage Maintenance	100 20	0 0
5	Cost of acquisition of facility on non-forest land wherever feasible.		0
6	Loss of (a) agriculture (b) animal husbandry production due to diversion of forest land		0
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement		0
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.		0
Total			37,980.00

Benefit Rs. (37,980-10,916) =27,064.00

Cost Benefit Ratio = 10,916:27,064 = 1:2.5


 (N. Sarat Singh)
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