

WORKSHEET FOR CALCULATION OF COST BENEFIT RATIO
FOR 132 KV LINE FROM KAKCHING TO MOREH

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 Machi, Tengnoupal, Moreh, New Chayang, Chakpikarong, Joupi of Chandel District and Sugnu of Thoubal District. 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			53,01.00

BENEFITS (Evaluation of benefit)

Sl. No.	Parameters	Details of Calculations	Amount (Rs. in lakh)
1	Increase in productivity attributable to the specific project	Assuming 8,000 consumers @ Rs. 6,000 p.a for 25 yrs	12000.00
2	Benefits to economy i) Agro Socio Economics (ASE) ii) Industrialization	Assuming for 25 yrs i) 100 ASE (@ Rs. 600 p.m ii) 150 Industries @ Rs. 800 p.m	180.00 360.00
3	No. of population benefited	2,50,000	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			12540.00

Benefit = (Rs. 12540.00 lakh – Rs. 5301.00 lakh) = Rs. 7239.00 lakh

Cost Benefit Ratio = 5301:7239 = 1:1.4


 (N. Sarat Singh) 7/11/2016
 Managing Director
 MSPCL