

## WORKSHEET FOR CALCULATION OF COST BENEFIT RATIO

### For 400 kV D/C Transmission line from Yurembam to Thoubal Khunou via. Nambol

This project is for the erection and stringing of 400 kV transmission line to be erected from Yurembam to Thoubal Khunou (615.33m). Once the project is commissioned, this project will be benefited to the people of entire state specially Thoubal and Chandel districts. The cost involved for the project and returns received is shown as under.

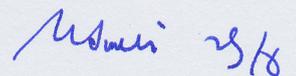
#### A. COST ( Evaluation of Loss of Forest)

| Sl. No. | Parameters           | Details of calculations | Rate | Amount (Rs. in lakhs) |
|---------|----------------------|-------------------------|------|-----------------------|
| 1       | Cost of the Project. |                         |      | 19,758.58             |

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

| Sl. No        | Parameters   | Details of Calculations   | Amount (Rs. in lakhs) |
|---------------|--|---|-----------------------|
| 1             | Increase in productivity attributable to the specific project  | 60,000 nos of consumers @ Rs. 6000 pa for 25 years                      | 90,000.00             |
| 2             | Benefits to economy<br>i) agro Socio Economic (ASE)<br>ii) Industrialization                                   | 1000 Nos @ Rs.7200 pa for 25 yrs.<br>1500 Nos @ Rs.12000 pa for 25 yrs. | 1800<br>4500          |
| 3             | No. of population benefited.   |   |                       |
| 4             | Employment potential 30% on non executive<br>Labour force Construction stage<br>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>96,300.00</b>      |

Cost Benefit Ratio 19,758.58 : 96,300 = 1 : 4.87



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