

COST BENEFIT ANALYSIS

TABLE -A

CASES UNDER WHICH A COST- BENEFIT ANALYSIS FOR FOREST DIVERSION ARE REQUIRED

Sl.No	Nature of Proposal	Applicable / Not Applicable	Remarks
1	All Categories of Proposal involving forest land up to 20 Hectares in plains and up to 5 Hectares in hills	Applicable	Enclosed
2	Proposal for defence installation purposes and oil Prospecting (Prospecting Only)	Not applicable	
3	Habitation, establishment of Industrial units, tourist lodges, Complexes and other building construction	Not applicable	
4	All other proposal involving forest land more than 20 Hectares in plains and more than 5 Hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installation like micro-wave stations, auto repeater centres, TV towers etc.,	Not applicable	


TABLE –B


ESTIMATION OF COST OF FOREST DIVERSION

Sl.No	Parameters	Remarks
1	Ecosystem services losses due to Proposed forest diversion	Economic value of loss of eco – system services due to diversion of forests shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF & CC) and accordingly undertaking is submitted
2	Loss of animal husbandry productivity, including loss of fodder	Nil
3	Cost of Human resettlement	Nil
4	Loss of public facilities and administrative infrastructure (Roads, building, schools , dispensaries, electric lines, railways etc.,) on forest land which would require forest land if these facilities were diverted due to the project	Nil
5	Possession value of forest land diverted	
6	Cost of suffering to oustees	Nil
7	Habitat fragmentation cost	Nil
8	Compensatory afforestation and soil & Moisture conservation cost	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance will be monitored by the forest department with the amount deposited by the user agency accordingly undertaking is submitted.

TABLE –C
ESTIMATING BENEFITS OF FOREST DIVRSION IN CBA

Sl.No	Parameters	Remarks
1	Increase in productivity attributes to the specific project	This will improve the facilitate to transmit the power generated from 2x800MW Telangana STTP to be established by NTPC at Ramgundam through 400/220KVSS Narsapur to 220/132/33KVSS Bowrempet , 1056 MW with in the span of 3Months.
2	Benefits to economy due to the specific project	Development and growth of agriculture and industries in general resulting in socio-economic development. Basic community needs will be strengthened, generation of employment, improvement in the standards of people living in the area, infrastructural development. In view of agriculture and industrial growth
3	No. of population benefited due to specific project	Public in general
4	Economic benefits ,direct and indirect employment due to the project	Construction phase 100 No.s Operation phase 25000 no.s
5	Economy benefits due to compensatory a fforestation	NIL


Chief Engineer (Elec.)
Metro Zone TS TRANSCO
GTS Colony, Erragadda, Hyd-45


Superintending Engineer,
OMC/Metro–West, TSTRANSCO
Mint Compound, Hyderabad