

Parameters for Evaluation of Loss of Forests

For

Khairibhandan Barrage Project

Karanjiia Forest Division, Odisha

(As per revised guidelines issued vide letter No. 7-69/-FC (pt) dt. 1.8.2017 of MoEF & CC, GoI.)

Sl. No.	Parameters	Remarks
1.	Ecosystem services losses due to proposed forest diversion. Ref.: No. 5-3/2007-FC Lr.No.6469(S) dt.05.02.2009 of MoEF & GC, GoI	To be calculated during Part-II
2.	Loss of animal husbandry productivity, including loss of fodder. Ref.: No. 5-3/2007-FC Lr.No.6469(S) dt.05.02.2009 of MoEF & GC, GoI	To be calculated during Part-II
3.	Cost of human resettlement	No Resettlement involved in this Project.
4.	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways etc.) on forest land, if these facilities were diverted due to the project	No Public facility/infrastructure located in Forest land and hence no loss will be involved.
5.	Possession value of forest land diverted Ref.: No. 5-3/2007-FC Lr.No.6469(S) dt.05.02.2009 of MoEF & GC, GoI	To be calculated during Part-II
6.	Cost of Suffering to oustees.	No oustees are involved in the Forest land proposed.
7.	Habitat Fragmentation cost Ref.: No. 5-3/2007-FC Lr.No.6469(S) dt.05.02.2009 of MoEF & GC, GoI	To be calculated during Part-II
8.	Compensatory afforestation and soil & moisture conservation cost	To be calculated during Part-II
Total		



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Parameters for Evaluation of Benefits not withstanding Loss of Forests
For
Kairibhandan Barrage Project
Karanjiia Forest Division, Odisha

Sl. No.	Parameters	Remarks
1.	Increase in productively attribute due to this project.	Rs. 54.65 Cr
2.	Benefit to the economy due to this project.	Rs. 40.50 Cr
3.	No of population benefited due to this project.	45000
4.	Economic benefits due to direct and indirect employment due to this project.	99050
5.	Economic benefits due to Compensatory afforestation.	
Total		



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Cost Benefit Analysis Ratio

Benefit to Economy Rs

Loss on Forest and Environment Rs.

Ratio



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