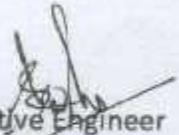


Parameters for Evaluation of Benefits not withstanding Loss of Forests
For
Kala Barrage Project
Deogarh Forest Division, Odisha

Sl. No.	Parameters	Remarks
1.	Increase in productively attribute due to this project. (For Kala Barrage Project)	Rs 44.65 Crores
2.	Benefit to the economy due to this project. (For Kala Barrage Project)	Rs 34.50 Crores
3.	No of population benefited due to this project. (For Kala Barrage Project)	19,502
4.	Economic benefits due to direct and indirect employment due to this project. (For Kala Barrage Project)	1,00,050
5.	Economic benefits due to Compensatory afforestation. (For Kala Barrage Project)	
	Total	


Executive Engineer
IB Investigation Division
Sundargarh

**Parameters for Evaluation of Loss of Forests
For**

**Kala Barrage Project
Deogarh Forest Division, Odisha**

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

Sl. No.	Parameters	Remarks
1.	Ecosystem services losses due to proposed forest diversion. Eco-Class I, Density=0.5 (Dense Forest) Ref.: No. 5-3/2007-FC Lr.No.6469(S) dt.05.02.2009 of MoEF & GC, Gol	30.221 Ha x Rs.9,39,000/- per Ha. = Rs.2,83,77,519/-
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, Gol	@ 10% of the above = Rs.28,37,751.9/-
3.	Cost of human resettlement	No Resettlement in Forest land involved in this patch.
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, Gol	@ 30% of item (1) above = Rs.85,13,255.7/-
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, Gol	@ 50% of item No.1 above = Rs.1,41,88,759.5/-
8.	Compensatory afforestation and soil & moisture conservation cost (Proportionate cost for Deogarh Forest Division)	Rs. 1,15,47,852
Total		Rs. 6,54,65,139

48

Kharanga
Divisional Forest Officer,
Deogarh, Division

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

Sl. No.	Parameters	Remarks
1.	Increase in productively attribute due to this project. (For Kala Barrage Project)	Rs. 44.65 Cr
2.	Benefit to the economy due to this project. (For Kala Barrage Project)	Rs. 34.50 Cr
3.	No of population benefited due to this project. (For Kala Barrage Project)	19,502
4.	Economic benefits due to direct and indirect employment due to this project. (For Kala Barrage Project)	1,00,050
5.	Economic benefits due to Compensatory afforestation.	Rs. 1,15,47,852
Total		Rs. 80,30,47,852/-

K. Sarangi
Divisional Forest Officer
Deogarh, Division

Cost Benefit Analysis Ratio

Benefit to Economy: Rs. 80,30,47,852/-

Loss on Forest and Environment: Rs.6,54,65,139/-

Ratio: 1:12.27

Kharang
Divisional Forest Officer
Deogarh, Division

50