

**Annexure-12-A****Check list No -5****CATEGORY OF PROPOSAL FOR WHICH COST BENEFIT ANALYSIS APPLICABLE**

**Project Name:** Erection of 66KV D/C tower line for 66kV Kalibel substation LILO from exist 66kV Waghai-Ahwa line.

**Proposed Forest Area – 6.642 Hector**

Sr No.	Nature of Proposal	Applicable/not applicable	Remarks
1.	All categories of proposals involving forest land appx. up to 3.202 hectares in plains and up to 3.440 hectares in hills.	Applicable	
2.	Proposal for defense installation purposes and oil prospecting (prospecting only)	Not applicable	
3.	Habitation, establishment of industrial units, tourist lodges/complex and other building construction	Not applicable	
4.	All other proposals involving forest land more than 3.202 hectares in plains and more than 3.440 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydel projects mining activity, railway lines, location specific installations like micro-wave stations, auto repeater canters, T.V. towers etc.	Not applicable	
a).	A map on scale showing forest areas / forest boundaries.	Refer Annexure Drawings.	
b).	Proposed forest land required for non forest purpose.	Land cost will be paid for involved forest land of 6.642 Hectors.	
c).	Land for the road already constructed	N/A	
d).	Total length of the road passing though the forest out of the length given under (c) above.	N/A	
e).	Was an alternative land avoiding the forestland explored?	Refer Annxeure-9	
f).	Similar details may be given for new railway line	N/A	

**For Gujarat Energy Transmission Corp. Ltd.**

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**ANNEXURE-12-B****PARAMETER FOR EVALUATION LOSS OF FORESTS NATURE OF PROPOSAL**

**Project Name:** Erection of 66KV D/C tower line for 66kV Kalibel substation LILO from exist 66kV Waghai-Ahwa line.

**Proposed Forest Area – 6.642 Hector**

Sr. No	Parameters	Roads Tr. Lines & Railway lines	Minor irrigation projects, quarrying of stones/ metals	Medium & major irrigation, hydro electric, large mining & other misc. projects.
1.	Loss of value of timber, fuel wood and minor forest produce on an annual basis, including loss of man-hours per annum of people who derived livelihood and wages from the harvest of these commodities.	To be determined by forest department		To be determined by forest department
2.	Loss of animal husbandry productivity, including loss of fodder	N.A		N.A.
3.	Cost of human resettlement	N.A.		N.A.
4.	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways etc.) on forest land, or which would require forest land if these facilities were diverted due to the project.	N.A.		N.A.
5.	Environmental losses: (soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance).	N.A / To be Determined by Forest Department		N.A / To be Determined by Forest Department
6.	Suffering to outsets.	N.A.		N.A.

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**ANNEXURE-12-C**  
**COST BENEFITS ANALYSIS – FINANCIAL & SOCIAL BENEFITS**

**Project Name:** Erection of 66KV D/C tower line for 66kV Kalibel substation LILO from exist 66kV Waghai-Ahwa line.

**Proposed Forest Area – 6.642 Hector**

Electricity is basic human need. It is a critical infrastructure on which socio economic development of country depends. Recognizing that electricity is one of the key-drivers for rapid economic growth, the Central Government has notified 'The National Electricity Policy' with smart objective '**Power for all**' by year 2012. It ensures the accelerated development of power sector, reliable & quality power at reasonable rates to consumers.

In order to meet the objectives set above, comprehensive plan for addition in power generating capacity along with associated transmission network has been formulated by GOG. As a part of this comprehensive plan, GOG has decided to established more and more substation in tribal area for this 66kV Kalibel substation is planned to established during the year 2020-21. With its associated line from existing 66kV Waghai-Ahwa line LILO to proposed 66KV Kalibel substation having total line length of 14.699 km.

This Project will considerably transform the socio-economic status of the people, as there is potential for direct employment generation to the extent of 50 persons. Over & above, this additional generation shall fulfill the power requirement of different projects being set up by private industrial groups particularly in south Gujarat tribal area. Hence there will tremendous chances of indirect employment generation. This in turn will act as stimulus & boost up our economic growth. Ultimately, all sectors of society including Central & state government shall be benefited either directly or indirectly.

Sr.No	Parameters	
1.	<b>Increase in productivity attributive to Specific project.</b>	<b>Installation of 66KV D/C Transmission lines.</b>
2.	<b>Benefit to economy</b>	<b>Industrial growth due to infrastructure development, export Promotion, foreign exchange earnings, direct &amp; Indirect employment generation, agricultural Sector development through enhanced Irrigation facilities.</b>
3	<b>No. of population benefited</b>	<b>South Gujarat, various projects, GIDC industrial Pockets, agricultural sector of Gujarat state.</b>
4.	<b>Employment potential</b>	<b>Direct 50 , indirect tremendous potential , difficult to quantify</b>
5.	<b>Cost of acquisition facilities on Non-Forest</b>	<b>Not feasible.</b>

	<b>Land whether feasible.</b>	
6.	<b>Loss of Agriculture &amp; Animals Husbandry Production due to Diversion of Forest land</b>	<b>NIL</b>
7.	<b>Cost of rehabilitation of the Displaced Persons as different from compensatory Amounts given for displacement</b>	<b>No displacement and consequent rehabilitation</b>
8.	<b>Cost of supply of free wood to workers Residing in or near forest area during the period of construction.</b>	<b>N/A</b>

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