

## Alternative Route Alignment Analysis Sheet for

**Full Title of the Project :** “Construction of 33 KV Transmission Line Overhead/ Underground 33 KV XLPE 300 Sq. mm Cable From 400 KV GSS  
Bhadla to HPCL Rajasthan Refinery Ltd Nachana District -Jaisalmer”

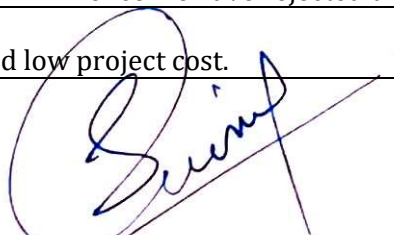
**Proposal No** : FP/RJ/TRANS/152039/2022 , **Date of Proposal** : 09.02.2022 , **Diversion Area** : 1.5206 ha.

S.No	Alternative Details	Segment	Length (M)	Width (M)	Area (Sqm)	Area (Ha)	Reason for Selection / Rejection
1.	Alternative Route -1 (Selected Alignment Marked in (Red Color)	1	9786	1	9786	0.9786	In Alternative Alignment-1 forest land Proposed for Diversion is less than the Alternative Route-2 and Alternative Route-3 hence we have selected the Route-1
		2	5420	1	5420	0.5420	
		<b>Alternative Route -1 Total Forest Area</b>				<b>1.5206</b>	
2.	Alternative Route -2 (Selected Alignment Marked in (Orange Color)	1	19805.00	15	297075.00	29.7075	In Alternative Route-2 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-2
		<b>Alternative Route -2 Total Forest Area</b>				<b>29.7075</b>	
3.	Alternative Route -3 (Selected Alignment Marked in (Blue Color)	1	20458.00	15	306870.00	30.6870	In Alternative Route-3 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-3
		<b>Alternative Route -3 Total Forest Area</b>				<b>30.6870</b>	

Note : No other Alternative is feasible except above mentioned 2 alignment due protected forest Crossing.  
Analysis of above three route has been done route-1 has been selected because it is minimum forest land and low project cost.

Place: Nachana

Date: 01/05/2023

  
**ASSISTANT ENGINEER (DDUGJY)**  
**JODHPUR DISCOM, JAISALMER**

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Countersigned  
Divisional Forest officer  
Forest Division\_\_\_\_\_  
Office Seal\_\_\_\_\_