

Comparative Statement of Alternative Route Alignment Analysis Sheet for

Full Title of the Project : “Avaada Energy Pvt Ltd. Solar Power Plant in Kolayat Tehsil , Bikaner - Bhadla -II PS 220 KV S/C Transmission Line.

Proposal : FP/RJ/TRANS/150764/2022 , **Diversion Area :** 0.9625 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 (Blue Color)	1	50	35	1750	0.1750	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	114	35	3990	0.3990	
		3	61	35	2135	0.2135	
		4	50	35	1750	0.1750	
		Alternative Route -1 Total Forest Area				0.9625	
2.	Alternative Route -2 (Selected Alignment Marked in (Pink Color)	1	80	35	2800	0.2800	In Alternative Route-2 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-2
		2	122	35	4270	0.4270	
		3	50	35	1750	0.1750	
		4	55	35	1925	0.1925	
		Alternative Route -2 Total Forest Area				1.0745	
3.	Alternative Route -3 (Selected Alignment Marked in (Black Color)	1	176	35	6160	0.6160	In Alternative Route-3 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-3
		2	64	35	2240	0.2240	
		3	52	35	1820	0.1820	
		4	52	35	1820	0.1820	
		Alternative Route -3 Total Forest Area				2.9026	

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: Kolayat

Date: 08/01/2022



Rahul Sharma
Engineer

(Rahul Sharma)
Engineer, **Avaada Energy Private Limited**
Authorized Signatory

Authorized Signatory
Avaada Energy Private Limited

Countersigned
Divisional Forest officer
Forest Division _____
Office Seal _____