

### Alternative Route Alignment Analysis Sheet for

**Full title of the Project:** "Construction of 765 KV D/C Sikar-II -Aligarh Transmission line, District- Sikar, Jaipur & Alwar (Rajasthan) in Rajasthan Portion Ap-01 to Ap-183 Common Point Rajasthan State Boundary.

**Proposal No.** : FP/RJ/TRANS/144853/2021

**Date of Proposal** : 26-07-2021

**Diversion Area** : 15.8321 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)	5	2363	67	158321	15.8321	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.	Alternative Route -2 (Selected Alignment Marked in Red Color)	7	11262	67	754554	75.4554	In Alternative Route-2 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-2
3.	Alternative Route -3 (Selected Alignment Marked in Magenta Color)	10	14620	67	979540	97.954	In Alternative Route-3 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-3

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 :** Alwar

**Date :** 27/12/2022

Countersigned  
Divisional Forest officer  
Forest Division-----  
Office Seal-----

(Kanchan Kumar Choudhary)  
Sr. General Manager  
Sikar-II Aligarh Transmission Ltd (100% Subsiding of POWERGRID)  
Alwar

के.के. चौधरी/K.K. Choudhary  
वरिष्ठ महाप्रबन्धक/Sr. GM  
Sikar-II Aligarh Transmission Ltd.  
100% Subsidiary of POWERGRID  
अलवर/ALWAR