

### Alternative Route Alignment Analysis Sheet for

**Full title of the Project :** “Construction of 765 KV D/C Sikar-II -Aligarh Transmission line(Package-TW03) Under Transmission Scheme for evacuation of power from Solar Energy Zones in Rajasthan (8.1GW)under phase=II part-D, through tariff based competitive bidding (TBCB) Route in District Mathura & Aligarh (Utter Pradesh)”

**Proposal No.** : FP/UP/TRANS/146255/2021

**Date of Proposal** : 25-08-2021

**Diversion Area** : 0.5293 Hectare

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	79	67	5293	0.5293	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 Blue Color)	1	227	67	15209	1.5209	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 Black Color)	1	110	67	7370	0.7370	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.

के.के. चौधरी/K.K. Choudhary

वरिष्ठ महाप्रबन्धक/Sr. GM

Sikar-II Aligarh Transmission Ltd.

(कंचन, कुमार चौधरी)  
100% Subsidiary of POWERGRID

वरिष्ठ महाप्रबन्धक  
अलवर/ALWAR

सीकर -II अलीगढ़ ट्रांसमिशन लिमिटेड

(पावर ग्रिड कॉर्पोरेशन इंडिया लिमिटेड की 100% पूर्ण  
स्वामित्व वाली सहायक कम्पनी) अलवर