

JHARKHAND URJA SANCHARAN NIGAM LIMITED

132 KV D/C HANSDIHA JASIDIH TRANSMISSION LINE

THREE ALTERNATIVE ROUTE EXAMINATION

SL NO.	DISCRIPTION / ROUTE PARTICULARS	ROUTE-I (FINAL)	ROUTE-II(ALTERNATIVE)	ROUTE-III(ALTERNATIVE)
1	a) Colour	Blue	Red	Magenta
	b) Bee Line	38.725	38.725	38.725
	c) Length	47.166	47.95	48.59
	d) Angle Points /Tower Locations	168	192	172
2	Environmental impact	N/A	N/A	N/A
	Houses wighin ROW	No Houses within ROW corricor	No Houses within ROW corricor	No Houses within ROW corricor
	No. of Trees in ROW	813	1284	982
	Area of Forest Land	14.035	15.85	15.98
3	Details of Crossing			
	No. of Railway Crossing	1	1	1
	HT Line (132 kV/220 KV/400KV/765KV) Crossing	2	4	5
	National/State Highway Crossings	2	2	7
	River Crossing	1	1	1
4	Recommendations	This alternative (Route-1 Final) has minimum Route length though having the minimum no. of angle points, it has been found most suitable as it is having a well connected road network for construction and maintenance of the T/L with less forest length and area also minimum no. of trees in Line corridor area compared to other two alternatives Henc considered most feasible and economical.		

Gaurav Kumar Singh

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