



## JHARKHAND URJA SANCHARAN NIGAM LIMITED

CIN:U40108JH2013SGC001704

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### OFFICE OF THE SENEIOR MANAGER, TRANSMISSION DIVISION, HAZARIBAGH

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## JUSTIFICATION

JUSNL primarily entrusted for the construction and successful operation of Transmission lines with a mission to establish efficient Grid network to facilitate effective transfer of power within the State.

Proposed 132 KV D/C transmission line will connect the existing 132 KV sub-station Itkhori and 132 KV sub-station Chatra. This line will play vital role to provide uninterrupted power supply to the Chatra town and entire district. This transmission line is very crucial for development of Chatra district.

The line traverses through the Itkhori, Mayurhand, Goidhor and Chatra blocks in Chatra district and the power transmitted through this line will accelerate the Agricultural, Commercial and Domestic growth in the area and boost overall socio-economic scnerio of the district as well as Jharkhand state as whole.

During the selection of route alignment of transmission line, necessary survey has been carried out to avoid Forest land. Besides all effort some part of the proposed transmission line is passing through Forest and Jungle Jhari area of the Chatra South and Chatra North Forest divisions.

As per Guideline of forest conservation, act 1980 27-meter ROW has been taken for erection of 132 KV/DC line. Total area of land involvement is 136.163 ha, out of this total area 28.7 ha is forest land, 26.52 ha is Jungle Jhari, 8.509 ha is GM land and 72 ha is under Raiyati land.

#### Details of land under ROW

S.No	Name of Forest Divison	Total length	Forest(HA)	Jungle Jhari (HA)	GM (HA)	Non Forest (HA)	Total
1	Chatra North	0.603	0	1.538	0	0.090	1.628
2	Chatra south	49.827	26.814	26.865	8.509	72.347	134.535
	Total	50.430	26.814	28.403	8.509	72.437	136.163

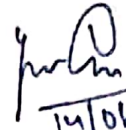
For above work all possible alternatives are explored to reduce the requirement of forest area and best attempt has been made to avoid Protected and Reserve forest area. We take the route having less involvement of forest area for the sake of development.

Details of alternative examined

Route	Total Length	Length in forest area	Remark
Route 1	50.4	20.4	We take long route for minimum use of forest.
Route 2	38	30	This route is short but almost 78 % of this route comes under forest area.
Route 3	40	26	This route is short but almost 65 % of this route comes under forest area.

Alternatives routes marked on toposheet's uploaded on Parivesh portal.

Senior Manager,

  
14/06/2019

Transmission Division, Hazaribag

**Senior Manager**

Transmission Division, Hazaribag  
Jharkhand Urja Sancharan Nigam Ltd.