



JHARKHAND URJA SANCHARAN NIGAM LIMITED

CIN: U40108JH2013SGC001704

Regd. Office: JUSNL (SLDC) Building, Kusai Colony, Doranda, Ranchi – 834002, JH

OFFICE OF THE SENIOR MANAGER, TRANSMISSION DIVISION, HAZARIBAG

Circle Office: Sringari Complex, 1st Floor, Canary Hill Road, Near Montfort School, Hazaribag – 825301, JH

Email: eeetdhzb@gmail.com

Justification of Project Locating in Forest Area

JUSNL (Jharkhand Urja Sancharan Nigam Limited) is primarily entrusted for the construction and successful operation of High Voltage Transmission lines with a mission to form a Grid network to facilitate effective transfer of power within the State. The scheme is for construction of 132kV D/C Barhi- Itkhori Transmission line. The proposed Transmission line shall connect the existing 132/133kV sub-station at Itkhori (Village: - Chorkari) in Chatra district and propose U/C Barhi (Village:- Khonraahar) in Hazaribagh district of Jharkhand.

The transmission line traverses through Itkhori & Myjurhand blocks/circles in Chatra districts and Chauparan & Barhi blocks/circles in Hazaribagh districts. The line shall be utilized for transfer the power from 132/133kV Itkhori (Chatra) Sub-Station to 132/133kV Barhi (Hazaribagh) sub-station. The line shall also be an important link of the Majurhand, Itkhori, Chauparan and Barhi blocks in Chatra & Hazaribagh district. This line is very much vital in view of strengthening of transmission system in the district of Chatra & Hazaribagh. Therefore, the power transmitted through this line will boost the Commercial, Domestic and Agricultural growth of project district Chatra & Hazaribagh and its adjacent areas.

During selection of route alignment of 132 KV Barhi- Itkhori transmissions line route option study has been carried out to avoid Forest land. The proposed transmission line is passing through Chatra Forest Division with total length of 14.9302km & Hazaribagh forest division with total length of 15.1657 km. Proposed Right of Way of erection of 132kV D/C Barhi to Itkhori Transmission line is 27m which will involve total 81.2590ha beak up of the land required for the project is given below.

Land involved within ROW	Forest Division Hazaribag West	Forest Division Chatra South	Total Land required
Forest land			
(a) Notified Forest (ha.)	7.9409	0.378	8.3189
(b) Jungle Jhari or Deemed Forest (ha)	16.91	3.7105	20.6205
Non Forest (ha.)	16.0965	36.2231	52.3196
Total Area in ha,	40.9474	40.3116	81.259



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The components proposed for the 132KV DC Transmission Line Barhi-Itkhor includes 136 No. of tower (51 tower in Forest/Deemed Forest+ 85 tower in Non-Forest) and 30.096km length of Transmission Line with 27m ROW is feasible only. Project will involve barest minimum 28.9394ha of Forest land (8.3189ha notified Forest and 20.6205ha JJ land or Deemed Forest) under forest Division Hazaribag West and Chatra South.

Signature ;

Name in Block Letter :

PRAVIN RAM

Designation :

Senior Manager

Address :

Jharkhand Urja Sancharan Nigam Limited
Transmission Division hazaribag
Jharkhand