

## **SITE INSPECTION REPORT OF DFO, SARANDA**

**Full Title of the Project: 220 kv D/C Chaibasa to Gua Transmission line**

**Jharkhand Urja Sancharan Nigam Limited**

**File No. : FP/JH/TRANS/27672/2017**

**Date of Proposal: 23/09/2017**

A proposal has been received by this office from Jharkhand Urja Sancharan Nigam Limited for diversion of 9.118 ha of forest land of Saranda Division for 220 kv Transmission line under FC Act 1980. The project envisages the use of forest land for Transmission line. The site was inspected by the undersigned on 17.09.2018 along with concerned Range Forest Officer and other representatives of the user agency.



The proposed 220kV Transmission line area is lying under Ghatkuri Reserve Forest compartment (G-30) and Gua PF under Gua Range of Saranda Forest Division. The DGPS co-ordinates of the points located on the central line of 220 kv transmission line corridor were inspected and it was found that RCC pillars has been constructed at those points. The width of proposed 220kV transmission line corridor is 35 meter. In other words it is 17.5 meters on the each side ( left and right) of the central line.

1.	Name of the Project	<b>220kV D/C Chaibasa to Gua transmission line</b>
2.	Name of the District/Division	West Singhbhum District, Jharkhand Saranda Forest Division
3.	Date of Inspection	17.09.2018
4.	Name & designation of the Inspection Officer	1. Sri Rajnish Kumar, DFO, Saranda Divison 2. Sri K.P Sinha, (Range Forest Officer, Gua Range)
5.	Name & designation of the other Officer who attended the inspection including representatives of the user agency	1. Sri Pooran Prasad Yadav. (Electrical Executive Engineer Transmission Circle Chaibasa) 2. Sri Nishant Pal ( JE -Survey)

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6.	Legal status of forest land with area proposed for diversion	6.42 ha Reserve forest (G-30) 2.698 ha Protected forest (Gua PF) 9.118 ha Total Forest land  The proposed diversion area is situated within compartment no G-30 and Gua PF . Entire Saranda Forest Division is part of core area of Elephant Reserve.
7.	If are required for diversion has been demarcated on the ground	DGPS co-ordinates of the points located on the central line of the 220 kv transmission line corridor were inspected and it was found that RCC pillars has been constructed at these points. The width of proposed 220 kv transmission line corridor is 35 meter.
8.	Item-wise breakup of the forest land proposed for diversion.	6.42 ha Reserve forest (G-30 Compartment) 2.698 ha Protected forest (Gua PF) 9.118 ha Total Forest land
9.	Condition of vegetation and type of forest applied area	The project site is mainly sal forest and having density approx 0.7. The Sal forest of Saranda Division confirm broadly to Champion and Seth type C2e "Moist Peninsular Sal"(Champion's old B III).  The List of Trees enumeration is attached in proposal as <b>Annexure XIV.</b>
10	Position of Wildlife in general.	The corridor of proposed 220 kv transmission line in Saranda Forest Division is parallel to Gua road and approximately 50-60 meter away from road. Entire Saranda Forest Division falls in core area of elephant reserve vide notification no. Vanya-Prani -33/2000-3640 V.P dt. 26.09.2001 of Forest & Environment Department , Govt. of Jharkhand. As per working plan of Saranda Division, animal normally found in this area are Elephant, Leopards, Bear, Wolves, Wild Boars, Hyenas, wild dogs, Spotted Dears, Samber, Porcupine, jackal, wild goats etc.
11.	Whether the applied area is involved with any eco-sensitive area/ national park/ sanctuary	The proposed corridor of 220kV transmission line is not a part of National Parks, Wild Life Sanctuary ,Biosphere Reserve or Tiger Reserve. However, the entire forest of Saranda Forest Division has been notified as Singhbhum Elephant Reserve vide notification no. Vanya-Prani -33/2000-3640 V.P dt. 26.09.2001 of Forest & Environment Department, Govt. of Jharkhand. The two Elephant Corridors namely Karo-Karampada and Ankua-Ambia as described in a book " Right of Passage –Elephant Corridor of India" [Published by Wild Life Trust of India],lie at a distance of approximately 10 Km from the 220 kv transmission line.

12.	No of the trees to be felled and its impact on the systems.	Total no. of Sal and Non-Sal trees in 220kV transmission corridor=800 nos No. of trees to be felled =500 including cutting, trimming and looping.  The List of Trees enumeration is attached as <b>Annexure . XIV</b>
13.	Position of displacement of people and adequacy of rehabilitation, if any	User agency has informed in their online application that there is no displacement of people.
14.	Position of rare and endangered species available of importance of area from eco-social point of view.	Yes. Indian Elephant, Giant squirrel, Reptile, Sloth bear, barking deer, etc. have been reported in the area.
15.	Forest land selected for compensatory Afforestation is included in the report or not.	The total area of forest land diversion in this proposed project is 51.266 ha out of which 9.118 ha fall in Saranda Forest Division. For compensatory afforestation, degraded forest land of area 103.00 ha. ( double of the area 51.266 ha. proposed for diversion) has been selected by Chaibasa Division at Mahudi Village, Noamundi Range . <b>(Annexure XVI )</b>
16.	Suitability of Identified forest area for compensatory Afforestation.	Suitability Certificate has been issued by the office of Divisional Forest Officer, Chaibasa Division.
17.	Violation of Forest (Conservation Act 1980 if any and action taken thereof.	User agency has given an undertaking that no case of violation of FC is registered against their company. As per record available in this office, no case of violation of FC against the user agency has been reported in the jurisdiction of this division.

Divisional Forest Officer  
Saranda Forest Division  
Chaibasa