

Site Inspection Report

Date of Inspection – 11.12.2021

Name of Proposal – 132 KV Saria- Bishnugarh Transmission Line

Presence – Forest officials

- (1) Sri Sourav Chandra, DFO, Hazaribagh East Forest Division.
- (2) Sri Suresh Ram, RFO, Bagodar Range.
- (3) Sri Bhuneshwar Mandal, I/C BO, Bishnugarh Beat.
- (4) Sri Shayam Kumar, SBO, Chano, Sub-beat.
- (5) Sri Uday Kumar Keshri, SBO, Bishnugarh, Sub-beat.

User Agency officials

- (1) Sri Ajay Kant Jha, Electrical Executive Engineer (Supply), JUSNL

On the aforementioned date, the proposed forest land was visited. The total forest land proposed for diversion is 56.988 ha. which is meant for 132 KV Bishnugarh-Saria transmission line. The details are given below: -

Sl. No.	Name of Village	Thana No.	Area (in ha.)	Type of land
1.	Babudih	Bishnugarh-235	3.2060	Notified/demarcated forest land
2.	Bakaspura	Bishnugarh-221	4.007	Notified/demarcated forest land & Jungle-Jhari
3.	Barai	Bishnugarh-228	6.01	Notified/demarcated forest land & Jungle-Jhari
4.	Bhutahimurgaon	Bishnugarh-230	0.6850	Notified/demarcated forest land
5.	Charnakhiya	Bishnugarh-233	1.4040	Notified/demarcated forest land
6.	Dandia	Bishnugarh-220	3.313	Notified/demarcated forest land
7.	Gundro	Bishnugarh-226	2.841	Notified/demarcated forest land & Jungle-Jhari
8.	Hethlimurgaon	Bishnugarh-198	3.622	Notified/demarcated forest land & Jungle-Jhari
9.	Jamuwa	Bishnugarh-196	1.112	Notified/demarcated forest land & Jungle-Jhari
10.	Kusumbha	Bishnugarh-236	1.737	Notified/demarcated forest land & Jungle-


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				Jhari
11.	Maypur	Bishnugarh-224	1.09	Notified/demarcated forest land
12.	Nawada	Bishnugarh-234	0.318	Notified/demarcated forest land
13.	Nawadih	Bishnugarh-201	0.527	Notified/demarcated forest land & Jungle-Jhari
14.	Nirguna	Bishnugarh-232	2.641	Notified/demarcated forest land
15.	Simaria	Bishnugarh-223	1.3160	Notified/demarcated forest land
16.	Ambadih	Bagodar-112	2.805	Notified/demarcated forest land
17.	Dhibra	Bagodar-115	0.400	Jungle-Jhari
18.	Deoradih	Bagodar-47	1.003	Jungle-Jhari
19.	Dondalo	Bagodar-116	3.129	Notified/demarcated forest land & Jungle-Jhari
20.	Ghaghara	Bagodar-106	0.072	Notified/demarcated forest land & Jungle-Jhari
21.	Bagodar	Bagodar-107	4.199	Notified/demarcated forest land & Jungle-Jhari
22.	Parria	Bagodar-114	0.888	Notified/demarcated forest land & Jungle-Jhari
23.	Karamba	Bagodar-46	1.953	Notified/demarcated forest land & Jungle-Jhari
24.	Barkisaria	Bagodar-44	6.730	Notified/demarcated forest land
25.	Manramo	Bagodar-45	1.98	Jungle-Jhari
		Total:-	56.988	

As stated by the User Agency, the proposed line will pass through 25 villages having a total length of 33.128 km out of which the length in forest area is 21.107 km. The corridor is of 27-meter width. The proposed electric line will be utilized for transfer of power from Saria sub-station to Bishnugarh sub-station. This line will solve the problem of low voltage in the surrounding area which in turn will boost the commercial, domestic and agricultural growth of Bishnugarh block of Hazaribagh.

The trees in the enumeration list were checked on site inspection. The species and its girth were matched. It was found to be correct.

The GPS locations of the pillars were checked and matched with that of those mentioned in the proposal. It was found to be almost accurate.

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The total proposed area has the presence of a variety of trees. It consisted of mainly Sal, Kend, Piyar, Mahua, Bahera, Seedha etc. At places, the undergrowth of *Clerodendron* sp. and *Cassia tora* was seen. The crop density was observed as 0.5. Two important observations were made during the site inspection. Firstly, there was profuse regeneration of Sal as ground flora in the whole of area. This was addition to the growth of profuse Sal coppice shoots particularly of Kusumbha. Secondly, it was noticed that *Lantana camara* has invaded the proposed area as well as surrounding forest areas.

Almost the entire area had gentle slope with some portion being moderately sloping. At places, the soil erosion becomes severe with rill and gully erosion being easily seen.

The entire area is part of migratory route of wild elephants with the most recent migration being in June-July, 2021. As, such, a site-specific wildlife management plan will be needed to address human-elephant interface issues.

As such no rare/endangered/unique species of flora and fauna was observed. The commonly found fauna are as following: -

Sl. No.	Hindi or Local Name	English Name	Scientific Name	Schedule according to Wild life Protection Act- 1972
1	2	3	4	5
1.	Ajgara	Python	<i>Python</i> sp	Sch-I Part II
2.	Newla	Mongoose	<i>Herpestes</i> sp	Sch-IV
3.	Russel's Viper	Russel's Viper	<i>Daboia russelii</i>	Sch-II Part II
4.	Indian Cobra	Indian Cobra	<i>Naja naja</i>	Sch-II part II
5.	Jungli Billi	Jungle Cat	<i>Felies Chaus</i>	Sch-II part II
6.	Kotra	Barking deer	<i>Muntiacus</i>	Sch-III Section II
7.	Siyar	Jackal	<i>Canis aureus</i>	Sch-I
8.	Mayur/Mor	Peafowl/Peacock	<i>Pavo Cristatus</i>	Sch-I
9.	Jangli Suar	Wild boar	<i>Sus scrofa</i>	Sch. III
10.	Lakkar bhagga	Hyena	<i>Hyaena hyaena</i>	Sch. III

Apart from the above, the forest area did not have any archeological/heritage site/defense establishment etc.

Overall, the proposal is mainly concerned with laying of 132 KV electric line from Bishnugarh to Saria. This proposal will solve the problem of low voltage in the surrounding area. It will further enhance the electrification of the villages and also help in boosting rural economy. Considering all the above details, it was found that the forest land proposed for diversion was unavoidable and barest minimum of the project.


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