

Site Inspection Report

Proposal No. FP/JH/TRANS/32955/2018 (400 kV D/c Patratu-Latehar Transmission Line)

Date of Inspection – 02.08.2025

Forest Area Involved in Ramgarh Division = 12.247 ha

Presence - **Forest Official**

1. Sri Nitish Kumar, DFO, Ramgarh Forest Division.
2. Sri Anil Kumar, Forest Guard, Patratu Range

User Agency Official

1. Shri S.K. Shashi, DGM, PGCIL
2. Shri Kuldeep Kumar, Engineer, JCP

On the aforementioned date, the proposed forest land for diversion was visited.

The total forest proposed for diversion in Ramgarh Forest Division is 12.247 Ha (JJ=4.60 Ha and Notified Protected Forest=7.647 Ha), which is meant for construction of transmission towers and stringing wires as per mandated ROW.

Why it is site specific?

The project is site specific because of below given reasons:

1. Uses minimum of forest area, as per study of three alignments
2. The project is necessary for power evacuation between new PVUNL Thermal power plant at Patratu and PGCIL grid at Latehar.
3. The existing transmission lines are insufficient.

General Observations

1. The crown density in Notified Forest Area is 0.4
2. The crown density in JJ area can be taken to average of 0.2
3. The proposed transmission line crosses Patratu hills rich in floral and faunal diversity. The faunal diversity includes bears, monkeys, langoors, striped hyena, barking deer, pangolin, porcupine, peacocks, reptiles and occasional (not regular) elephant movement.
4. There is presence of Patratu lake nearby which attracts migratory birds in winter

Thus, a WL management plan would be required to mitigate fragmentation because of this linear project.

Violation: During site inspection it was found that user agency has already constructed 5 towers in notified forest area, around year 2014-17. As per prosecution report, total of 0.12 Ha of land was found broken for construction of towers. This area doesn't take into account the ROW of wire or violation in land under control of revenue department.

Specific Condition that may be imposed: Future requirement of additional transmission line should be studied together by PGCIL and JSUNL and a technical case should be presented before forest department. They should also consider switching to single pole design in forest area.



Divisional Forest Officer,
Ramgarh

Nitish Kumar
Divisional Forest Officer
Ramgarh Forest Division