

I/290584/2023

**GOVERNMENT OF ASSAM
ENVIRONMENT AND FOREST DEPARTMENT
JANATA BHAWAN, DISPUR, GUWAHATI-6**

eCF No.229234/83
2023

Dated Dispur, the 28th September,

From : Smti. Neera Daulagupu, ACS,
Secretary to the Govt. of Assam,
Environment and Forest Department.

To : The Deputy Director General of Forests (C),
Government of India,
Ministry of Environment, Forest & Climate Change,
Sub office, Guwahati,
4th Floor, Housefed Building,
G.S Road, Rukminigaon, Guwahati-781022

Sub : Proposal for diversion of 7.971 ha for construction of 132 KV
EHT Single Circuit transmission line on Double Circuit Tower from
AEGCL Gohpur GSS to NF Railway Gohpur TSS in connection with RNY
MZS Railway Electrification in Gohpur Reserved forest under Sonitpur
East Division by N.F. Railway Construction, Electrical.

Ref : Government of India letter No. 3-AS C/146/2022/GHY/4389-
90 dated 09.08.2023.

Sir,

In inviting reference to your letter on the subject cited above, I am directed to furnish herewith the color scanned SoI map indicating the 3 alternate route examination in the forest area along with justification for selecting the proposed route mentioning and comparing the ecological parameters i.e. forest cover density, forest type, habitation etc. in each examined routes, as mentioned in the letter No. NFR/CON/RE/EL/EPC-14/TRL/14 dated 13.09.2023 from the Deputy Chief Electrical Engineer, Construction, Railway Electrification, Maligaon, Guwahati.

Enclo : As stated above.

Yours faithfully,

Signed by Neera Daulagupu
Date: 28-09-2023 11:09:24
Secretary to the Govt. of Assam

I/290584/2023

Environment and Forest Department

Memo eCF No.229234/83 -A Dated Dispur, the 28th September,
2023

Copy to:-

The Principal Chief Conservator of Forests & HoFF, Assam,
Panjabari, Guwahati-37.

e-signed

Secretary to the Govt. of Assam
Environment and Forest Department

Sec (ND)

GOVERNMENT OF ASSAM
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND
HEAD OF FOREST FORCE, ASSAM
ARANYA BHAWAN, PANJABARI, GUWAHATI-37

Email: adddlpccf.nodal@gmail.com

No. FG.27/FCA/Proposal/N.F. Railway Construction Electrical/S.E.

Dated 20.9.2023

To,

✓ The Additional Chief Secretary to the Government of Assam,
Environment and Forest Department, Dispur, Guwahati-6.

Sub: Proposal for diversion of 7.971 Ha. forest land for construction of 132 KV EHT Single Circuit transmission line on Double Circuit Towers from AEGCL Gohpur GSS To NF Railway Gohpur TSS in connection with RNY MZS Railway Electrification in Gohpur Reserved Forest under Sonitpur East Division by N.F. Railway Construction, Electrical.

Ref: Government of India letter No. 3-AS C/146/2022/GHY/4389-90 dated 9.9.2023

Sir,

With reference to the letter cited above, I am submitting herewith the colour scanned SoI map indicating the 3 alternate route examination in the forest area along with justification for selecting the proposed route mentioning and comparing the ecological parameters i.e. forest cover density, forest type, habitation etc. in each examined routes received from the Deputy Chief Electrical Engineer, Construction, Railway Electrification, Maligaon, Guwahati vide letter No. NFR/CON/RE/EL/EPC-14/TRL/14, dated 13/9/2023.

The above-mentioned information may kindly be sent to the Government of India, MoEF&CC, Sub Office, Guwahati (Under Regional Office, Shillong), Guwahati accordingly.

Encl: As stated above.

Yours faithfully,

(Dr. C Muthukumaravel, IFS)

Chief Conservator of Forests &
Nodal Officer (FC Act), Assam

O/o the Principal Chief Conservator of Forests and
Head of Forest Force, Assam

Copy to the Deputy Chief Electrical Engineer, Construction, Railway Electrification, Maligaon, Guwahati-781011 for information.

Chief Conservator of Forests &
Nodal Officer (FC Act), Assam

O/o the Principal Chief Conservator of Forests and
Head of Forest Force, Assam

SO (SC)
26/9/23

LB
26/9/23



पूर्वोत्तर सीमा रेलवे- निर्माण
Northeast Frontier Railway- Construction

कार्यालय
उपमुख्य विद्युत अभियंता/निर्माण
रेल विद्युतीकरण, गुवाहाटी
ट्रांज़िट संख्या ३०९, आर पी एफ बैरक,
गुवाहाटी - ७८१०११
ईमेल : dyceecrem1g@gmail.com



Office of the
Dy. Chief Electrical Engineer/Construction
Railway Electrification, Maligaon
Transit No. 309, RPF Barrack,
Guwahati - 781011
Email id: dyceecrem1g@gmail.com

No: NFR/CON/RE/EL/EPC-14/TRL/14

Date: 13/09/2023

Chief Conservator of Forests &
Nodal Officer (FC Act), Assam
O/o the Principal Chief Conservator of Forests &
Head of Forest Force, Assam.

Sub: Proposal for diversion of 7.971 Ha. Forest land for construction of 132 KV EHT Single Circuit transmission line on Double Circuit Tower from AEGCL Gohpur GSS to NF Railway Gohpur TSS in connection with RNY MZS Railway Electrification in Gohpur Reserved Forest under Sonitpur East Division by N.F. Railway Construction.

Ref: Your office Letter No: FG.27/FCA/Proposal/N.F. Railway Construction Electrical/S.E. Divn
Dated: 16/08/2023.

Vide letter under reference, it was requested to provide documents related with construction of transmission line. Accordingly, 03 (three) nos. Coloured SOI Map indicating three alternate routes along with justification statement (03 nos. justification) is attached herewith.

Encl: As above.

(R. K. Dwivedi, IRSEE)

Deputy Chief Electrical Engineer,
Construction, Railway Electrification, Maligaon

उप मुख्य विद्युत अभियंता/नि०/आर ३
पू० सी० रेलवे, मालिगाँव
Dy Chief Electrical Engineer/CON/RE
N. F. Railway, Maligaon

पूर्वोत्तर सीमा रेलवे- निर्माण
Northeast Frontier Railway- Construction

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Forest Division Proposal under FC Act, 1980
(Construction of 132KV D/C Transmission Line from Gohpur GSS to Gohpur TSS)

JUSTIFICATION FOR LOCATION OF THE PROJECT IN FOREST AREA


1. PROJECT BACKGROUND

The project is to establish transmission system for "Establishment of a new 132/25 KV substation at Gohpur Railway station "in the state of Assam. This is a central Govt. project under the head of Railway Electrification and is monitoring from the PMO office. The main purpose of the project is to electrify the railway transport in between Rangiya – Murkongselek rail track which will improve the economic scenario of the North Eastern Region. This will also save precious foreign currency because of less requirement of petroleum products.

2. JUSTIFICATION

Three alternative route corridors were studied thoroughly by maximizing linear sighting opportunities, such as following existing roadways, power line corridors, negotiating with rivers, railways, road, electric power lines, telephone lines crossing and ensuring least crossing from notified/protected/reserved forest areas. All efforts have been made to provide minimum numbers of angle points and utmost care has been taken on the ground with possible angle of deviation.

The line is passing through the Sonitpur East Forest division with a corridor of 27 meters. Every possible effort has been made to avoid forest area but considering the technical feasibility of the alignment, the forest area could not be avoided completely. The alignment with minimum crossing of the forest & having minimum length has been selected as the proposed alignment. After detailed analysis, it has been found that proposed route among the 3 alternative routes is best suitable from construction point of view. Proposed route is also best in terms of approachability for construction as well as maintenance point of view. Keeping the above points in consideration, proposed route is the final route alignment for this transmission line project.


उप मुख्य विद्युत अभियंता/नि०/आर
पू० सी० रेलवे, मालिगाँव
Dy Chief Electrical Engineer/CON/RE
N. F. Railway, Maligaon

Comparative Statement for Alternative 1,2and 3 Routes:-

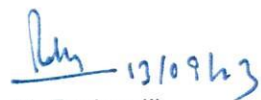
Comparative Statement for Alternative – 1,2 3 Routes			
Description	ALT-1	ALT-2	ALT-3 (Proposed Route)
Total Line Length(Km)	11.37	12.40	10.047
Length of Transmission line in Forest Area (Km)	NIL	NIL	3.041
Forest Area (Ha.)	NIL	NIL	7.971
Density of Forest Area	NA	NA	0.1(Eco class I)
Places of Archaeological Importance	NIL	NIL	NIL
Places of historical /cultural/religious/tourist importance	NIL	NIL	NIL
Line Pass through any town /City	YES	YES	NO.
Line Pass through any Defence Establishment	NO	NO	NO
Habitation	Populated	Populated	Nil

2. ENVIRONMENTAL RISK

Transmission line projects are environment friendly and do not involve any disposal of solid effluents and hazardous substance in land, air and water. Moreover, in forest area trees are felled at the tower spotting area and below each conductor to facilitate tower erection and stringing work. On completion of construction activity, only one strip is maintained for O & M purpose and natural regeneration of vegetation is allowed in rest of the corridor area. Therefore, the actual loss of forest is minimal as it is restricted to some selected area only. However, as per the requirement of forest (conservation) act, 1980, approval of Ministry of Environment, Forest & Climate change, Govt. of India for diversion of forest land should be taken before construction of the line in forest area.

3. Conclusion

The proposed route alignment has least possible infringement to Forest and wild life area. After detailed analysis, it is observed that the Alternative-3 (Proposed Route) has the least route length and passes through almost zero density population areas. Alternative -3 (Proposed Route) has been selected as final route as it is nearly an open land and contains least no. of trees to be felled.



(R. K. Dwivedi)

Dy. Chief Electrical Engineer

Construction, Railway Electrification, Maligaon

उप मुख्य विद्युत अभियंता/नि०/आर :

पू० सी० रेलवे, मालिगाँव

Dy Chief Electrical Engineer/CON/R:

N. F. Railway, Maligaon

पूर्वोत्तर सीमा रेलवे- निर्माण
Northeast Frontier Railway- Construction

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पू० सी० रेलवे, मालिगाँव
Dy Chief Electrical Engineer/CON/RE
N. F. Railway, Maligaon

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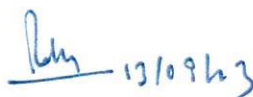
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(R. K. Dwivedi)

Dy. Chief Electrical Engineer

Construction, Railway Electrification, Maligaon

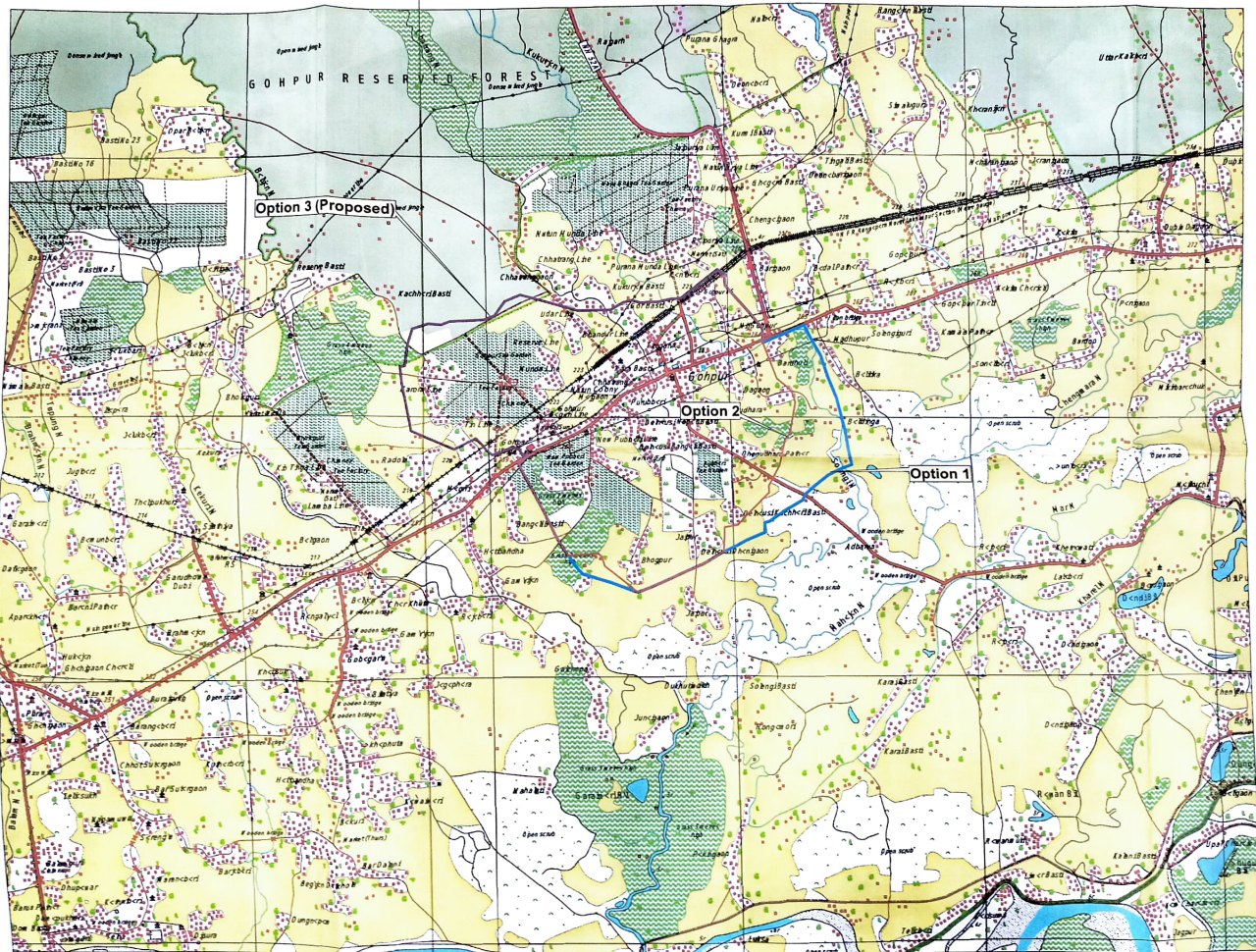
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पू० सी० रेलवे, मालिगाँव

Dy Chief Electrical Engineer/CON/R:

N. F. Railway, Maligaon

Map Showing 3 Alternative Routes of 132 KV EHT Single Circuit in connection with RNY-MZS Railway Electrification Project Transmission Line



Legend

- Option Route 1
— Option Route 2
— Option Route 3
 (Proposed Route)