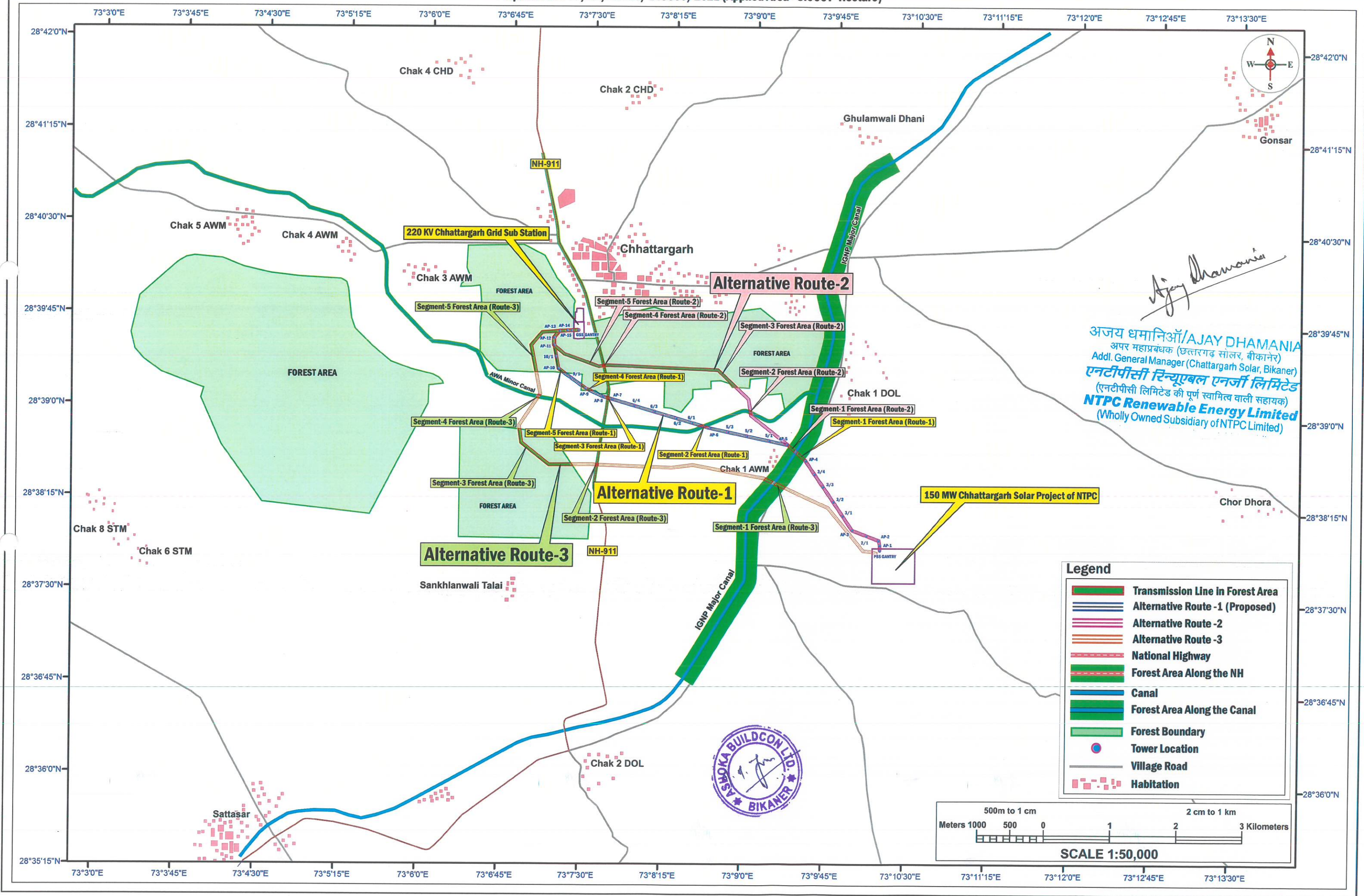


MAP SHOWING GEO REFERENCED DIGITAL MAP OF ALTERNATIVE ROUTE ALIGNMENT

Project Name : Construction of 132 KV S/C Transmission Line for Power Evacuation from 150 MW Chhattargarh Solar Project of NTPC Renewable Energy Limited (A wholly owned subsidiary of NTPC Limited) to 220 KV Chhattargarh Grid Sub Station District-Bikaner in the State of Rajasthan.

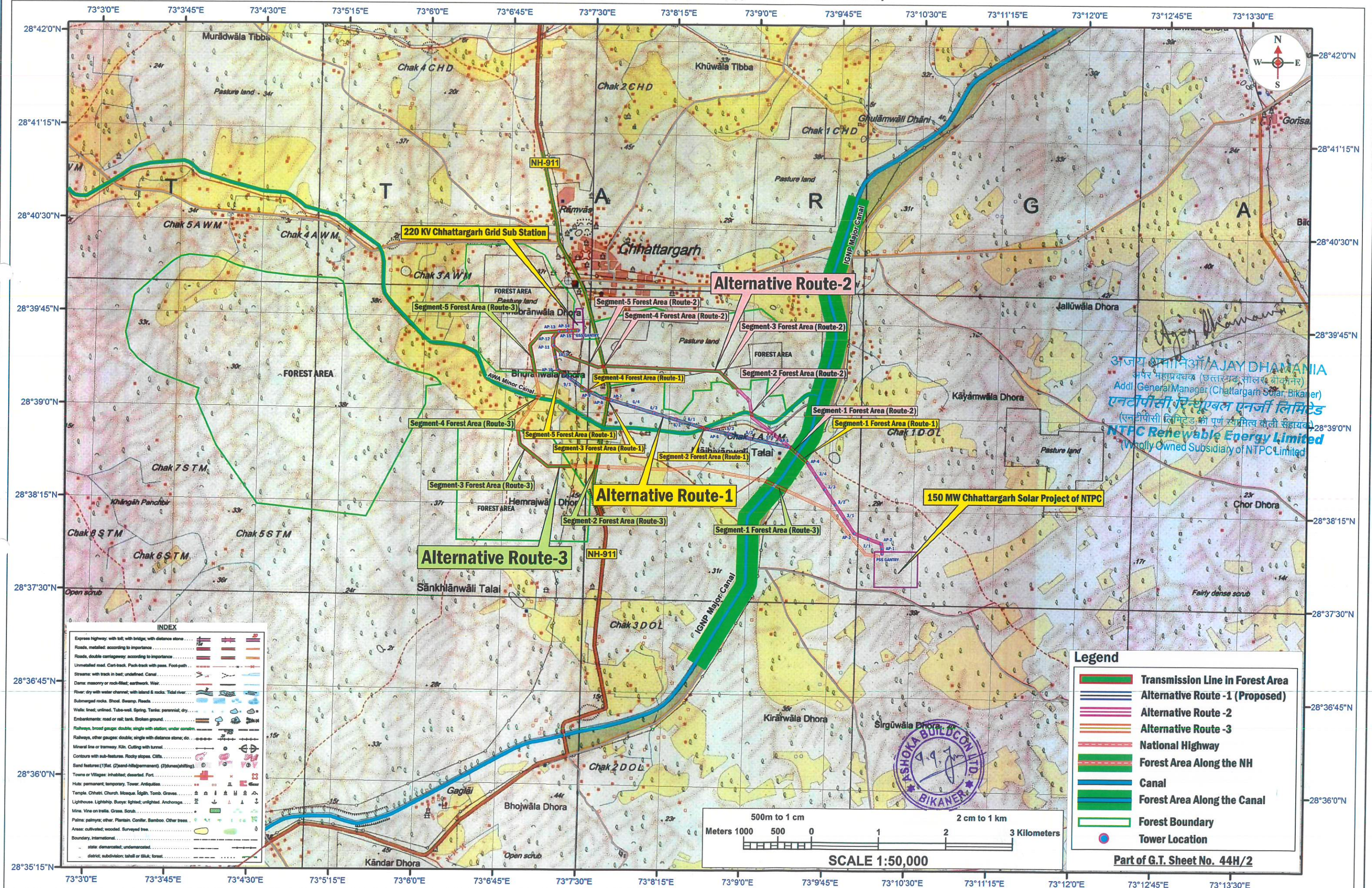
Proposal No. : FP/R J/TRANS/148899/2021 (Applied Area - 3.9007 Hectare)



MAP SHOWING GEO REFERENCED SOI TOPOSHEET MAP OF ALTERNATIVE ROUTE ALIGNMENT

Project Name : Construction of 132 KV S/C Transmission Line for Power Evacuation from 150 MW Chhattargarh Solar Project of NTPC Renewable Energy Limited (A wholly owned subsidiary of NTPC Limited) to 220 KV Chhattargarh Grid Sub Station District-Bikaner in the State of Rajasthan.

Proposal No. : FP/R J/TRANS/148899/2021 (Applied Area - 3.9007 Hectare)



Full Title of the Project: "Diversion of 3.9007 hectare Forest Land for Construction of 132 KV S/C Transmission Line for Power Evacuation from 150 MW Chhattargarh Solar Project of NTPC Renewable Energy Limited (A wholly owned subsidiary of NTPC Limited) to 220 KV Chhattargarh Grid Sub Station District-Bikaner in the State of Rajasthan".

Proposal No. : FP/RJ/TRANS/148899/2021

Date of Proposal : 29/10/2021

Applied Forest Area : 3.9007 hectare

COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE			
Description	Route 1 (Proposed)	Route-2	Route-3
Bee Line Length (km.)	5.634	5.634	5.634
Line Length (Km.)	6.727	6.841	8.276
No. Of angle points	15	16	18
Type of Land	Stony and open Area	Stony and open Area	Stony and open Area
Nos. of Road Crossing	1	1	1
Nos. of Power line crossing	Nil	Nil	Nil
Nos. of Railway Line Crossing	Nil	Nil	Nil
Nos. of River/Canal Crossing	2	2	2
Line Length involved in forest Area (Mtr)	1444.7037	3707.5925	2569.8148
Forest area required to be diverted (Hact.)	3.9007	10.0105	6.9385
From the above comparative statement , Alternative Route - I is the Most Suitable due to less Involvement of Forest land comparative to Alternative - II & III, Hence. The Route 1 is best suitable route for Construction of 132 KV S/C Transmission Line for Power Evacuation from 150 MW Chhattargarh Solar Project of NTPC Renewable Energy Limited (A wholly owned subsidiary of NTPC Limited) to 220 KV Chhattargarh Grid Sub Station District-Bikaner in the State of Rajasthan.			

Place: Chhattargarh

Date: 25/12/2021



अजय धामनिया
Signature of User Agency
अपर महाप्रबंधक (उत्तरगढ़ सोलर, बीकानेर)
Office Seal
Addl. General Manager (Chhattargarh Solar, Bikaner)
एनटीपीसी रिन्यूएबल एनर्जी लिमिटेड
(एनटीपीसी लिमिटेड की पूर्ण स्वामित्व वाली सहायक)
NTPC Renewable Energy Limited
(Wholly Owned Subsidiary of NTPC Limited)

Counter signed by:-

Divisional Forests Officer

Bikaner Forest Division

Office Seal _____