

Full title of the Project: 132 KV D/C Talheri TSS (DFCCIL)- Jarauda Nara TSS (Railway) Transmission line falling in Saharanpur & Muzaffarnagar District (Uttar Pradesh)". (Total Line Length – 47.826 Km).

Forest Land Diversion Area: Total PF Area 0.1701 Hectare in Muzaffarnagar forest division

(CHECK LIST SERIAL NUMBER -10)

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

Dedicated Freight Corridor Corporation of India Limited, A Govt of India (Ministry of Railway) Enterprise [DFCCIL] is establishing 132 KV D/C Talheri TSS (DFCCIL)-Jarauda Nara TSS (DFCCIL) line in District Saharanpur and Muzaffarnagar (Uttar Pradesh)" for its dedicated use to power up the freight carrying trains.

The Transmission line is a linear project where the starting & end point of the project are fixed and the rest of alignment is chosen by keeping in mind a lot of factors that include technical feasibility, ease of construction, ease of maintenance, distance from Protected Area(s) & Eco- sensitive Zone(s), least involvement of forests, least tree felling, safe distance from habitation, places of archaeological importance & other infrastructure.

A Beeline is the shortest distance between the two points (Starting & End Point). The Beeline for "Construction of 132 KV D/C Talheri TSS (DFCCIL)-Jarauda Nara TSS (Railway) Transmission line in District Saharanpur and Muzaffarnagar (Uttar Pradesh)" (Total Line Length – 47.826 Km).The geographical location of Talheri TSS and Jarauda Nara TSS falling in Saharanpur and Muzaffarnagar district is such that the beeline alignment passes through dense populated habitations of villages, Talheri town, Deoband, Rankhandi, Akhlour, Muzaffarnagar, Rohana Kalan and Jarauda Nara Town forest area resulting in rejection of the beeline alignment because of environmental & technical concerns.

To avoid above densely populated habitation and also keeping in view of other technical & economic criteria, a number of options were explored before finalizing the proposed route. Detailed route survey has been done and the alignment has been finalized keeping in view the above-mentioned requirements. The length of final route on which the transmission line has been proposed to be constructed is 47.826 Km against the bee line length of 40.675 Km. The most part of this final route is passing through the agriculture area of villages, Sakhan , Begampur , Nanhera , Khajuri Labkari, Bhaila, Kulsath, Imaliya, Rankhandi, Aakhlour, Badhai Kalan of


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Saharanpur district and Pawti Khurd , Hosiyarpur Badhaikhurd Kasiyara, Kacholi, Kalyana, Dadheru khurd Lakadsandha, Salempur ,Pinna, Kinauni, Mirapur , Sanjhak , Seemli Lechhera Jarouda,, Begrajpur Bahadarpur **Muzaffarnagar district**

An effort has been made to avoid the forest land completely. However, in order to connect the two ends, **Muzaffarnagar-Shamli-Kairana Road & Dehli -Roorkee-Masoori (D.R.M.) Road** is in Muzaffarnagar district having protected Forest area on two sides of these stretches are unavoidable & will come in the alignment. The side strips of the above-mentioned Crossing **Muzaffarnagar-Shamli-Kairana Road & Dehli -Roorkee-Masoori (D.R.M.) Road** is in Muzaffarnagar district have been declared as Protected Forests, making it impossible to avoid the forest land completely. A conscious effort has been made to propose the alignments in such a manner that it involves the barest minimum forest land & cutting of trees.

The minimum unavoidable forest land of **0.1701 Ha** is coming in the proposed final route alignment of above transmission line. Keeping in view the prevailing law, the reserve of bare minimum **0.1701 Ha** of forest land in proposed route is being proposed for diversion.


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