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एन टी पी सी लिमिटेड  
(भारत सरकार का उद्यम)  
**NTPC Limited**  
(A Govt. of India Enterprise)

तलाईपाली / Talaipalli


During the Stage-II approval for diversion of 766.393 Ha. of forest land, requirement of DGPS survey was informed by forest dept. and accordingly DGPS survey was conducted through Chhattisgarh Space Application Centre, Chhattisgarh Council of Science & Technology, Raipur. As per the report of DGPS survey, 8.795 Ha. of forest land was identified as left out which is not included in 56.270 Ha. diverted forest land in rail corridor.

This additional forest land (8.795 Ha.) consists of 1.349 Ha. of reserve forest (RF-897) and fourteen numbers of revenue forest patches of 7.446 Ha. in 10 villages of Gharghoda, Tamnar and Raigarh Tahsils under administrative control of District Collector, Raigarh.

In respect of proposed forest land to be diverted, part of rail corridor is passing through the fringes of reserve forest (RF-897) for an area of 1.349 Ha. with minimum forest cover. For the portion of railway line passing through reserve forest, three options for alignment of railway line were examined and option involving minimum forest land has been selected.

Whereas part of the rail corridor is also passing through revenue forest land in fourteen different patches. The total area involved in these revenue forest patches is 7.446 Ha. and all the revenue forest patches are surrounded by mostly private land and few Govt. land. As the total alignment of rail line is finalized considering the number of factors as described above, leaving revenue forest patches would be unavoidable. Moreover, the majority of surrounding private land patches has already been acquired under New Land Acquisition Act. 2013, Govt. land has been transferred by state Govt. and physical possession has also been taken over by NTPC.

The present proposal is for the diversion of forest land for MGR rail route passing through 1.349 Ha. forest land of RF-897 and 7.446 Ha. of revenue forest land in 14 patches. The total forest land of 8.795 Ha. is proposed to be diverted for the above said purpose which is non avoidable.

  
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Talaipalli, Bagai & Bhalumuda Coal Mining Projects  
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### PROJECT DETAILS

#### Diversion of 8.795 Ha Forest land for left out forest plots in MGR (Merry Go Round Railway Line ) of Talaipalli CMP

NTPC Limited the largest power generation company in India, is setting up thermal power projects in power deficit States. In order to meet the power requirement in Chhattisgarh State, NTPC has setup an integrated thermal power project at LARA, district-Raigarh with coal linkage from Talaipalli coal mine at Gharghoda owned by NTPC. The proposed capacity of Lara project is 4000MW in two stages, Stage-I (2x800 MW) and Stage-II (3x800 MW).

The power project (LARA STPP) is located at a distance of about 20 km south of Kotarliya Railway station and dedicated Talaipalli mine for this plant is at a distance of 45 km north of Kotarliya Railway station. Thus rail track connection is about 65 Kms in length, spreading over 39 Villages and in forest land.

As the Talaipalli coal mine is dedicated for Lara power plant, thus the transportation of coal is planned through a dedicated MGR (Merry Go Round) railway system. The transportation of coal through rail line, will also minimise the adverse effect on environment and eco-system. However, as the Chhattisgarh State has rich wide spread forests, even the best possible route for rail line could not be possible avoiding the forest area.

In order to finalize the most optimum route and for construction of rail line, NTPC engaged railway approved consultants M/s VCC (Indian Railways authorised Consultant/Vendor) & M/s RITES. A detailed survey for route finalization was carried out by M/S VCC. The proposed rail route has been selected considering minimum involvement of forest area & number of trees, minimum hill cutting, habitat area and avoiding submergence area of Kelo Dam (constructed on perennial Kelo river).

The total project construction involves private land, Govt. Land & forest land and all efforts were made to minimize the use of forest land. In this respect, earlier following diversion proposal of forest land was submitted by NTPC which was duly approved Stage-II forest clearance:

- Diversion of 766.393 Ha. of forest land which includes 710.123 Ha. of forest land for Talaipalli Coal Block and 56.270 Ha. for rail line from Kotarliya to Talaipalli mine vide letter F.No. 8-18/2012 FC dated 28.01.2014, MoEF&CC, New Delhi, accorded Stage-II forest clearance of 766.393 Ha.

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