

Brief note on the project

Rail Vikas Nigam Limited, requested TSTransco to arrange 132kV uninterrupted power supply from Narsapur 400/220/132kV Sub-Station at Narsapur. Accordingly, TSTransco accorded approval for erection of 132kV overhead line from 400/220/132kV Sub-Station at Narsapur to 132kV Railway Traction Sub-Station at Manoharabad, on behalf of Railways.

The 132kV overhead transmission line was aligned between edge of the existing tar road from Manoharabad to Parikandla village, and the existing forest trench, as there is no other route, to reach Manoharabad Railway Traction Sub-Station. Only 1No. 132kV narrow based tower with a base width of 3.75mts, was proposed in the clear corridor available between the edge of the existing tar road and the existing trench. There will be 3mts horizontal clearance from the legs of the tower to the edge of the tar road on one side and the existing forest trench on the other side, of the tower.

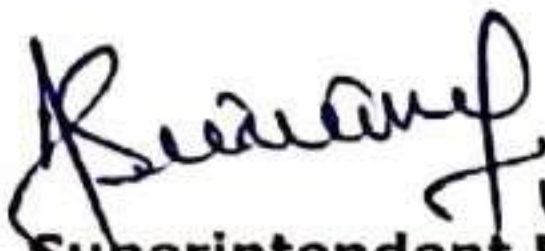
The above mentioned line is the only source of supply to Railway Traction Sub-Station. Nearly 80% of the works are completed and the works are held up for the sake of 1No. tower which is proposed in the available space between the edge of the existing tar road and the edge of the existing forest trench.


Duly considering the above facts, the erection of 132KV overhead line from 400/220/132 KV substation at Narsapur to proposed 132KV Railway Traction Sub-Station at Manoharabad is proposed such that the span length is 452.66 meters and there is no other route to avoid forest.

The details of forest area required are as follows:

SET NO	DIVISION	BLOCK_NAME	LENGTH In 'M'	WIDTH 'M'	AREA In Ha
1	Medak	Parkibanda	452.66	27	1.2222


Executive Engineer
Construction/ Sangareddy
11/11/19


Superintendent Engineer
OMC Circle/Sangareddy
11/11/19


Chief Engineer
Rural Zone, Hyderabad
14/11/2019