

Brief note on the project

At present TSNPDCL transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 33KV level voltages depend upon the capacity of generation of power plants and requirement by consumer. The Telangana State Government has taken decision to supply the power to the Drinking water supply Project people of Telangana uninterruptedly. Accordingly, establishment of new power generation new sub stations and laying of new power lines have been proposed and approved.


Proposed Construction of 33 KV DC line along the forest adjacent to existing NH44 Road between Bibipur Thanda to new 33/11 KV SS Thirmanpally with connected lines Under (Telangana Drinking Water Supply Project (Mission Bhagiratha) at Thirmanpally (V). In NIZAMABAD Forest Division, Nizamabad District, Telangana State."

Duly considering the above facts, the proposed 33 KV DC line from Existing Dichipally Sub Station to proposed Water Grid Substation SS Thirmanpally V, Nizamabad which is of Bee line length of 1199.687 m. But as Bee line is passing completely through forest it is proposed to avoid the forest of about 1199.687 m


It is a well-known fact that the power losses will be more at low voltages and for long distances also.

The details of forest area required are as follows:

SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	NIZAMABAD	MANCHIPPA	1199.687	15	1.799
Total Area required in Hectares					1.799


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