

BRIEF NOTE ON THE PROJECT

At present TSNPDCL transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 11KV 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 projects people of Telangana un-interruptedly Accordingly, establishment of new power generation new sub-stations and laying of new power lines have been proposed and approved.

Proposed construction of 11KV 3 wire line along the forest passing through Madaram RF between Tandur MHQ Feeder of 33/11 KV SS and Tandur Mandal to supply 96 HP Load under Telangana Drinking Water Supply Project (Mission Bhagiratha) at Tandur vlg. In Bellampally Forest Division Mancherial District, Telangana State."

Duly considering the above facts, the proposed 11 KV 3 wire line from existing Tandur Sub-station to proposed Water Grid 96 HP NDS Load in Tandur Mandal which is of Bee line length of 2719 m. but as Bee line is passing completely through forest it is proposed to avoid the forest of about 2719 m.

It is 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	Bellampally	Madaram RF	2720.38	7	1.904
Total area required in Hectares					1.904



Divisional Engineer

Operation, Bellampally

Divisional Engineer Elec

Operation/TSNPDCL

Bellampally

"COUNTERSIGNED"



Superintending Engineer,

Operation, Mancherial.

Superintending Engineer
Operation Circle, TSNPDCL
MANCHERIAL

Justification

At present TSNPDCL transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 11KV 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 projects people of Telangana un-interruptedly. Accordingly, establishment of new power generation new sub-stations and laying of new power lines have been proposed and approved by the State government.

The Proposed project for construction of 11KV 3 wire line along the forest passing through Madaram RF between Tandur MHQ Feeder of 33/11 KV SS and Tandur Mandal to supply 96 HP Load under Telangana Drinking Water Supply Project (Mission Bhagiratha) at Tandur village in Bellampally Forest Division of Mancherial District, Telangana State."

Duly considering the above facts, the proposed 11 KV 3 wire line from existing Tandur Sub-station to proposed Water Grid 96 HP NDS Load in Tandur Mandal which is of Bee line length of 2720.38 m. But as the Bee line is passing completely through forest and it is unavoidable and is the barest minimum forest land required.

The Details of forest area required are as follows:

Division	Block Name	Length_m	*RoW_m	Area_ha
Bellampally	Madaram	2720.38	7.00	1.904



Divisional Engineer

Operation ,Bellampally,

Divisional Engineer Elec
Operation/TSNPDCL
Bellampally

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Superintending Engineer,
Superintending Engineer
Operation, Mancherial,
Operation Circle, TSNPDCL
MANCHERIAL