

Brief note on the project

At present TSTRANSCO transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 132KV, 220KV & 400KV 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 people of Telangana uninterruptedly. Accordingly, establishment of new power generation stations and laying of new power lines have been proposed and approved.

One of the important approved Proposed Construction of 220 KV DC Line from 400/220kV SS NIRMAL to the proposed 220/132 KV SS UTNOOR in Adilabad District is under Thermal Power Transmission Scheme for Evacuation of power from 3X600 MW units at SCCL Jaipur in Adilabad District, Telangana"

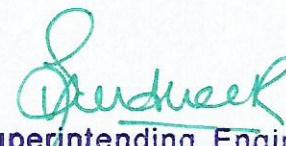
This power has to be transmitted at 220 KV level only (as per norms) to the Grid for further distribution. For this, it is Proposed Construction of 220 KV DC Line from 400/200 KV SS NIRMAL to the proposed 220/132 KV SS UTNOOR in Adilabad District Under Thermal Power Transmission Scheme for Evacuation of power from 3x600 MW units at Nirmal in Adilabad District, Telangana State"

Duly considering the above facts, the proposed 220kV DC Line from 400/220 KV SS NIRMAL to the proposed 220/132 KV SS UTNOOR in Adilabad District. The line of Bee line length is of 105Km. As the Bee line is passing through forest, it is proposed to avail the forest of about length 5110.27 Mts.

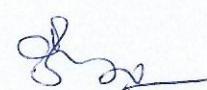
It is a well-known fact that the power losses will be more at low voltages and for long distances also.

The details of forest area required are as follows:

Set	DIVISION	BLOCK	LENGTH Mts	Row WIDTH Mts	AREA_HA
1	Nirmal	RAGHUNATHPUR	2796.78	35	9.7887
	Echoda	RAGHUNATHPUR	2313.49	35	8.0972
Total			5110.27		17.8859


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