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SITE INSPECTION REPORT OF SRI SHANTHARAM, I.F.S., DIVISIONAL FOREST OFFICER, KOTHAGUDEM IN RESPECT OF 19.186 HA OF PROPOSED DIVERSION OF FOREST LAND IN COMPT NO.4 & 5 OF CHATAKONDA R.F. BLOCK OF KOTHAGUDEM RANGE OF KOTHAGUDEM DIVISION IN FAVOUR OF CHIEF ENGINEER, PROJECTS-II/TS/TRANSCO/VIDYUTSODHA, HYDERABAD FOR ERECTION 400 KV QMDC LINE FROM THE PROPOSED 1 X 800 MW POWER PLANT IN KTPS (PALONCHA) TO THE PROPOSED 400/220 KV SS AT PADAMATI NARSAPURAM (V), JULURUPADU MANDAL, KHAMMAM DISTRICT IN FAVOUR OF CHIEF ENGINEER, PROJECTS II/TS, TRANSCO, VIDYUTSODHA, HYDERABAD.

The Chief Engineer, PROJECTS-II/TS/TRANSCO/VIDYUTSODHA, HYDERABAD has furnished proposals to the Prl. Chief Conservator of Forests, TS, Hyderabad for diversion of forest land in Kothagudem Division over an extent of 19.186 Ha in Compt No.4 & 5 of Chatakonda R.F. Block of Kothagudem Range of Kothagudem Division for erection 400 KV QMDC line from the proposed 1 x 800 MW Power Plant in KTPS (Paloncha) to the proposed 400/220 KV SS at Padamati Narsapuram (V), Julurupadu Mandal, Khammam District in favour of Chief Engineer, Projects II/TS, TRANSCO, Vidyutsoudha, Hyderabad.

The area required by the User Agency falls in Compartment No. 4 & 5 of Chatakonda R.F. notified U/s 18 of Hyderabad Forest Act, 1326 Fasli and the notification was published in the Part-I of the Hyderabad Government Gazette No. I, dt. 03.01.1355 Fasli of Kothagudem Range.

As per the survey carried out by the Forest Range Officer, Kothagudem the electrical line starts from Compartment No.5 vide Geo reference No. 17.62265, 80.80.62352 and ends with Compartment No.4 vide Geo reference No.17.59667, 80.59503. The total length of the power line is 4.171 KMs to a width of 46 mtrs. The area as per survey comes to 19.186 Ha proposed by User Agency, out of which, 1.40 Ha area covered under 2009, 2010 & 2011 E.P. Lothuvagu plantation by TSFDC, Palvancha Division. The Divisional Manager, TSFDC, Palvancha has reported that due to diversion of 1.40 Ha of 2009, 2010 & 2011 E.P. Lothuvagu, the loss worked out to Rs.6,72,308/- for the present and the total loss of revenue for (3) years rotation works out to Rs.21,66,851/-. Further, the Divisional Manager, Palvancha has enumerated the tree growth, which comes to 1799 Nos below 60 cm Girth class. Copies of surveyed sketch and location map enclosed to the proposals.

Checked the Geo-references with G.P.S. randomly and found correct.

The proposed diverted area of forest land falls under scheduled area under Tekulapally Mandal of Yellandu Assembly constituency.

Existing of Tree growth:

The vegetation of this area comes under Eco class II of Tropical Dry deciduous open forest having density > 04, the tree growth existing Chatakonda R.F. of Kothagudem Range having Misc. species. Total trees enumerated is 2172 Nos., out of which, 1799 Nos of Eucalyptus falls under E.P. Plantation raised by the TSFDC, Palvancha.

Flora and Fauna

No rare/endangered/unique species of flora and fauna are found in the proposed diverted forest land as per working plan. However, the wildlife that is generally found in the area and adjacent forest land is common hare, wild boar, spotted deer and reptiles. The proposed forest land is at a distance of 4.00 KMs from the Chatakonda R.F from Compt., No. 5 and ends at boundary of Compt., No. 4.

The proposed laying of electrical line is also falls eco-sensitive zone of W.L. M. Division Palvancha.

No protected Archeology/Heritage site and Defence establishment or any other important monuments are located in the proposed area for diversion.

In the proposed forest area no work in violation of Act has been carried out by the User Agency.

Enumeration of Natural Forest and Plantations

Enumeration of tree growth has been carried out by sample plots/total enumeration and the details are as follows.

	<u>Forest Dept</u>	<u>TSFDC</u>
Total No of trees	373 Nos	1799 Nos
Timber in CUM	21.065 CUM	---
Fuel in CUM	12.000 CUM	---
Total Value of Forest Produce	Rs.3,79,038/-	Rs.6,72,308/-

C.A. Area

Due to non-availability of non-forest lands with the District Administration, the User Agency has requested the Department to identify double the extent of forest area diverted for CA purpose. Accordingly, the Forest Range Officer, Ramavaram has identified 38.372 Ha of degraded area in Compt No.34 of Dmaracharla Beat of Abbugudem Section, Penagadapa R.F., Ramavaram Range. The C.A. Area is identified for 19.186 Ha for power line for the erection 400 KV QMDC line from the proposed 1 x 800 MW Power Plant in KTPS (Paloncha) to the proposed 400/220 KV SS at Padamati Narsapuram (V), Julurupadu Mandal, Khammam District, which is the double extent of the area. Separate CA Scheme has been prepared and enclosed to the proposals.


Claims under RoFR Act, 2006

As verified the records and field inspection, at present there is no claims in proposed diversion of forest land of 18.87 Ha of forest land in Compartment No.4 & 5 of Chatakonda R.F. Resolutions and certification of District Collector, Khammam is enclosed to the proposal.

The User Agency is to deposit the following amounts as per the provisions of Forest (Conservation) Act 1980

Sl.No.	Item	Amount
1	N.P.V. (Net Present value of 19.186 Ha x 6.26 Lakhs)	120.10
2	Cost of extraction charges	1.90
3	Cost of CA Scheme	162.408
4	Overhead component @10%	16.241
	Total :	300.649

Photographs enclosed


Divisional Forest Officer
Kothagudem