

-433-
-119-

Site Inspection Report of the Conservator of Forests, Khammam on 05.08.2016 for Diversion of 19.186 Ha of forest land in Chatakonda RF of Kothagudem Division which is a part of Diversion 29.6878 Ha for non-forestry purpose under the FC Act-1980 for erection of 400 KV QMDC line from the proposed 4 X 270 MW Bhadradri TPP, near Manuguru to the proposed 400/220 KV SS at Padamati Narsapuram (Vg), Julurpadu (Md) of Khammam, in favour of SE, 400 KV/ Construction Circle, TSTRANSCO, Warangal.

I have inspected the part of the area of 19.186 Ha proposed in kothagudem division for diversion of **29.6878 Ha (Kothagudem-19.186 ha and WLM, Paloncha-10.5018 ha)** of forest land for non-forestry purpose under the FC Act-1980 for **erection of 400 KV QMDC line** from the proposed 4 X 270 MW Bhadradri TPP, near Manuguru to the proposed 400/220 KV SS at Padamati Narsapuram (Vg), Julurpadu (Md) of Khammam, in favour of SE, 400 KV/ Construction Circle, TSTRANSCO, Warangal. The total length of the power line proposed in Kothagudem division is 4171.00 Mts, in which passing through Chatakonda RF of Kothagudem Range

The terrain is undulating and sloppy. The soil type is Red loamy, morram type with sandy patches.

The Divisional Forest Officer, Kothagudem has reported that, the proposed project area **19.186 Ha** proposed by the user agency and also he reported that, the difference is due to GPS co-ordinates furnished by the user agency in minutes & seconds and survey done by the Forest Dept. are in decimal system. The same is checked with the GPS randomly and found correct.

EXISTING TREE GROWTH:

The vegetation of the area comes under Eco-Class-III and density of vegetation is < 0.4 . Average height of tree growth is 3.00 Mtrs and in certain pockets it is more. Mainly the area is with pole crop. The existing tree growth in the area is with Misc., species with the floral composition shown below.

FLORA :

The existing forest in the area is of southern tropical dry deciduous forests. The standing tree growth in the area is of misc. species and average density is < 0.4 . The average height of tree growth is 5 to 8 Mts. The species seen in the area such as *Chedu Vepa* (*Azadirachta indica*), *Gumpena* (*Odina woodier*), *Dirushanam* (*Albizia*

lebbeck) Pedda pala (*Mimusops hexandra*), Chinduga (*Albizia procera*), Nemali (*Holoptelia integrefolia*), Pachari (*Dalbergia paniculata*), Eucalyptus, Thani (*Terminalia bellerica*), Bojja (*Xylea xylocarpa*), Nallamaddi (*Terminalia alata*), Vepa (*Azadirachta indica*) and Eucalyptus

FAUNA:

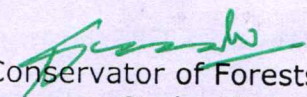
The common wildlife that is generally found in the forest is common hare, wild boar (*Sus scrofa*) spotted deer (*Axis axis*) etc., Variety of terrestrial avi fauna are seen in the area. **No specific rare /endangered unique species of flora and fauna is noticed during the field visit in the proposed forest area.**

Proximity to Kinnerasani Wildlife Sanctuary:

The proposed project area is located at a distance of below 200 Mts away from the boundary of the Kinnerasani Wildlife Sanctuary.

Eco- Sensitive Zone of Kinnerasani Wildlife Sanctuary:

The proposed project is falling in Eco sensitive Zone. In this regard, necessary instructions were given to the DFO WLM Paloncha to verify the proposed area and furnish the proposals in wildlife format.


Conservator of Forests,
Khammam Circle, Khammam.
H
22/11/2016

-559-

Site Inspection Report of the Conservator of Forests, Khammam on 28.09.2016 for Diversion of 10.5018 Ha of forest land in WLM Paloncha division which is a part of Diversion 29.6878 Ha for non-forestry purpose under the FC Act-1980 for erection of 400 KV QMDC line from the proposed 4 X 270 MW Bhadradri TPP, near Manuguru to the proposed 400/220 KV SS at Padamati Narsapuram (Vg), Julurpadu (Md) of Khammam, in favour of SE, 400 KV/ Construction Circle, TSTRANSCO, Warangal.

I have inspected the part of the area of **10.5018** Ha proposed in WLM Paloncha division for diversion of **29.6878 Ha (Kothagudem-19.186 ha, and WLM, Paloncha-10.5018 ha)** of forest land for non-forestry purpose under the FC Act-1980 for **erection of 400 KV QMDC line** from the proposed 4 X 270 MW Bhadradri TPP, near Manuguru to the proposed 400/220 KV SS at Padamati Narsapuram (Vg), Julurpadu (Md) of Khammam, in favour of SE, 400 KV/ Construction Circle, TSTRANSCO, Warangal. The total length of the power line proposed in WLM Paloncha division is 2283.00 Mts, in which passing through Chatakonda RF of Chatakonda Range.

The proposed Transmission Line falls in Plain area slightly undulating and covered with ground vegetation hence not liable for Soil erosion.

EXISTING TREE GROWTH:

The Canopy density is less than 0.4 in Chatakonda RF of Chatkonda Range and the vegetation comprise Narayepa (Hardwickia Pinnata), Teak (Tectona Grandis), etc. and the shrub species like Tuniki (Diospyros Melonoxylon), Ippa (Madhuca Longiboliavar), Tellamaddi (Terminalia arjuna) etc. Nemali nara (Holoptelia integrifolia) Tani (Terminalia Belrica).

FAUNA:

The common wildlife that is generally found in the forest is common hare, wild boar (Sus scrofa) spotted deer (Axis axis) etc., Variety of terrestrial avi fauna are seen in the area. **No specific rare /endangered unique species of flora and fauna is noticed during the field visit in the proposed forest area.**

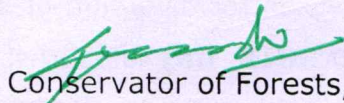
Cntd...

Proximity to Kinnerasani Wildlife Sanctuary:

The proposed project area is located at a distance of below 200 Mts away from the boundary of the Kinnerasani Wildlife Sanctuary.

Eco- Sensitive Zone of Kinnerasani Wildlife Sanctuary:

The proposed project is falling in Eco sensitive Zone. In this regard, necessary instructions were given to the DFO WLM Paloncha to verify the proposed area and furnish the proposals in wildlife format.


Conservator of Forests,
Khammam Circle, Khammam.

22/11/2016