

-933-

Site Inspection Report of the Conservator of Forests, Khammam on 05.08.2016 for Diversion of 4.9358 Ha of forest land in Paloncha division which is a part of Diversion 37.7154 Ha for non-forestry purpose under the FC Act-1980 for erection of 400 KV QMDC line from the proposed 4 X 270 MW Bhadradi 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 **4.9358 Ha** proposed in Paloncha division for diversion of **37.7154 Ha (Kothagudem-19.2096 ha, Paloncha-4.9358 Ha and WLM, Paloncha-13.57 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 Bhadradi 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 Paloncha division is 1073 Mts, in which 132 mts passing through Chintiryal RF and 941 Mts passing through Ratnagutta RF.

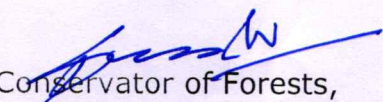
The terrain of the area is almost plain and undulating. The soils are not prone for any erosion due to the presence of the vegetation.

EXISTING TREE GROWTH:

The Canopy density is less than 0.4 in and the vegetation comprise Nallamaddi (Terminalia tomentosa), Chirumamanu (Anogeissus latifolia), Gumpena (Lagerstroemia lanceolata), Tuniki (Diospyros melanozylon), Ippa, Madhuca indica and the shrub species like Bontha, Ullintha, Kalivi and Pala.

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.**


Conservator of Forests,
Khammam Circle, Khammam.
29/11/2016

-189-

- 225 -

Site Inspection Report of the Conservator of Forests, Khammam on 28.09.2016 for Diversion of 13.57 Ha of forest land in WLM Paloncha division which is a part of Diversion 37.7154 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 **13.57 Ha** proposed in WLM Paloncha division for diversion of **37.7154 Ha (Kothagudem-19.2096 ha, Paloncha-4.9358 Ha and WLM, Paloncha-13.57 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 2950 Mts, in which 2782.61 mts passing through Chatakonda RF of Chatakonda Range and 167.39 Mts passing through Punukula RF of Yanambail 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 Chatakonda Range and the vegetation comprise Narayepa (Hardwickia Pinnata), Yegisa (Pterocarpus Marsupium) and the shrub species like Gumpena (Lagerstroemia lanceolata), Nemalinar (Holoptelia integrifolia), Pachari (Dalbergia parculata) and Tani (Terminalia Belrica).

The Canopy density is less than 0.4 in Punukula RF of Yanambail Range and the vegetation comprise Tectona grandis (Teak) and the shrub species like Gumpena (Lagerstroemia lanceolata).

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.**

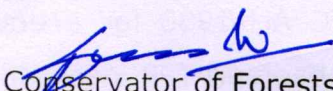
Cntd...

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

929- 129-

Site Inspection Report of the Conservator of Forests, Khammam on 05.08.2016 for Diversion of 19.2096 Ha of forest land in Chatakonda RF of Kothagudem Division which is a part of Diversion 37.7154 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 19.2096 Ha proposed in kothagudem division for diversion of **37.7154 Ha (Kothagudem-19.2096 ha, Paloncha-4.9358 Ha and WLM, Paloncha-13.57 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 terrain is undulating and sloppy. The soil type is Red loamy, morram type.

The Divisional Forest Officer, Kothagudem has reported that, the proposed project area comes to **18.68 Ha** as against to **19.2096 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 *Tectona grandis*, *Chloroxylon sweitenia*, *Lagerstroemia parvifolia*, *Madhuca latifolia*, *Xylia Xylocarpa*, *Morinda tinctoria*, *Albizia, odoratissima*, *Dalbergia paniculata* etc.,

FAUNA:

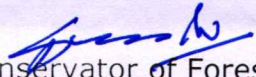
The common wildlife that is generally found in the forest is common hare, wild boar (*Sus scrofa*) spotted deer (*Axis axis*) etc., Variety of terrestrial avi fauna are seen in the area. **No specific rare /endangered unique species of flora and fauna is noticed during the field visit in the proposed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


Conservator of Forests,
Khammam Circle, Khammam.
21/11/2016