

**FIELD INSPECTION NOTE OF THE FOREST DIVISIONAL OFFICER, NIZAMABAD**  
**ON 21.11.2016, IN CONNECTION WITH THE PROPOSED DIVERSION OF**  
**RESERVE FOREST LAND FOR "CONSTRUCTIONS OF 220 KV DC LINE FROM**  
**EXISTING 400/220 KV SS DICHPALLY TO PROPOSED 143 MW SOLAR ENERGY**  
**POWER PLANT NEAR NAKAKAL (V) OF M/s RENEW SOLAR ENERGY (TELANGANA)**  
**PRIVATE LIMITED IN NIZAMABAD DIVISION AND DISTRICT**

As per the request made by Executive Engineer, Construction Division, TSTRANSCO, Nizamabad, I have inspected the site for construction of laying of 220 KV DC Transmission line from existing 400/220 KV substation Dichpally to proposed 143 MW Solar energy private limited near Kanakal (V) of M/s ReNew Solar Energy (Telangana) private limited is passing through in Compt.No.480 of Indalwai, Reserve Forest of Indalwai Beat of Indalwai Range and Compt. Nos. 469 & 458 of Manchippa -Part Reserve Forest in Indalwai & Gannaram Beats of Indalwai Range along with concerned Engineers and Forest Officials. The User Agency has requested for diversion of 14.8906 ha of Forest land for laying of 220 KV DC Transmission line from existing 400/220 KV substation Dichpally to proposed 143 MW Solar energy private limited near Kanakal (V) of M/s ReNew Solar Energy (Telangana) private limited.

The proposed alignment is a linear patch passing through the Reserve Forests and the extent is 14.89006 Ha. The User Agency, Executive Engineer, Construction Division, Nizamabad, TSTRANSCO, has got the area demarcated on the ground.

I have inspected the site along with the Forest Range Officer, Indalwai and concerned staff and it was observed that 2405 Trees in Indalwai Range of tree growth found in the land proposed for diversion. The predominant species enumerated in the alignment are Teak, Nallamaddi, Ippa, Palas, Chennangi, Dhirishinam, Chinth, Gumpena, Tella Maddi & Satin etc.,

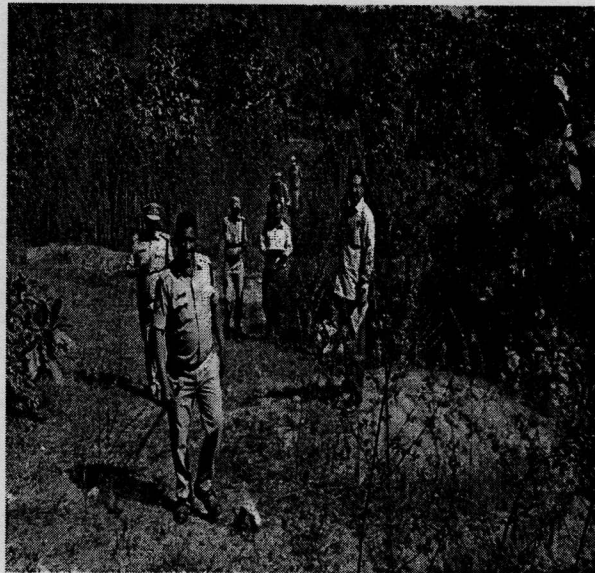
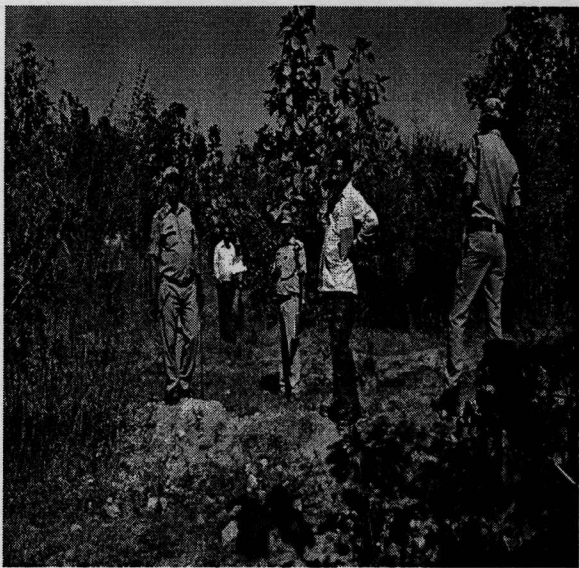
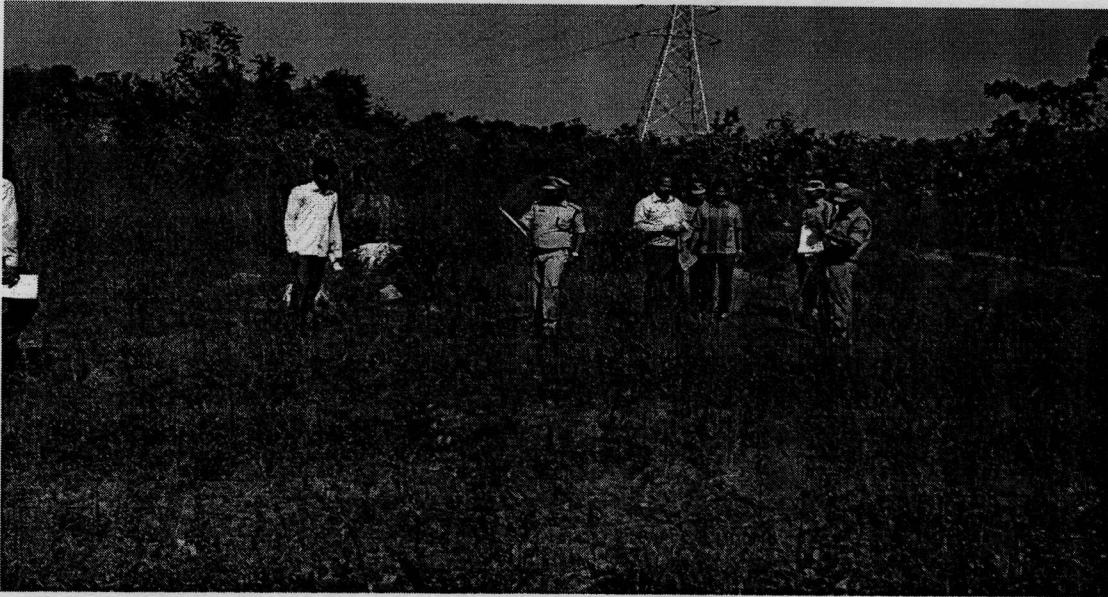
**The total forest area involved is to an extent of 14.8906 Ha in Nizamabad Forest Division.**

Range	Area proposed for diversion (in Ha)	Name of Reserve Forest	No.of trees to be felled (in Nos.)	Compt.Nos & Beat
Indalwai	14.8906	Indalwai	558	480 (Indalwai Beat)
		Manchippa-Part	626	469 Indalwai Beat)
			1221	458 (Gannaram Beat)
		<b>Total :</b>	<b>2405</b>	

The wildlife present in the surrounding forest areas as informed by the local staff are Bear, Neelgai, Pea fowl, Spotted Deer, Wild pig etc. However no wild life was spotted at the time of field inspection.

I have searched for alternatives, but there is no other alternative alignment available except the present proposal. This is the barest minimum area that is required for laying of 220 KV DC Transmission line from existing 400/220 KV substation Dichpally to proposed 143 MW Solar energy private limited near Kanakal (V) of M/s ReNew Solar Energy (Telangana) private limited.

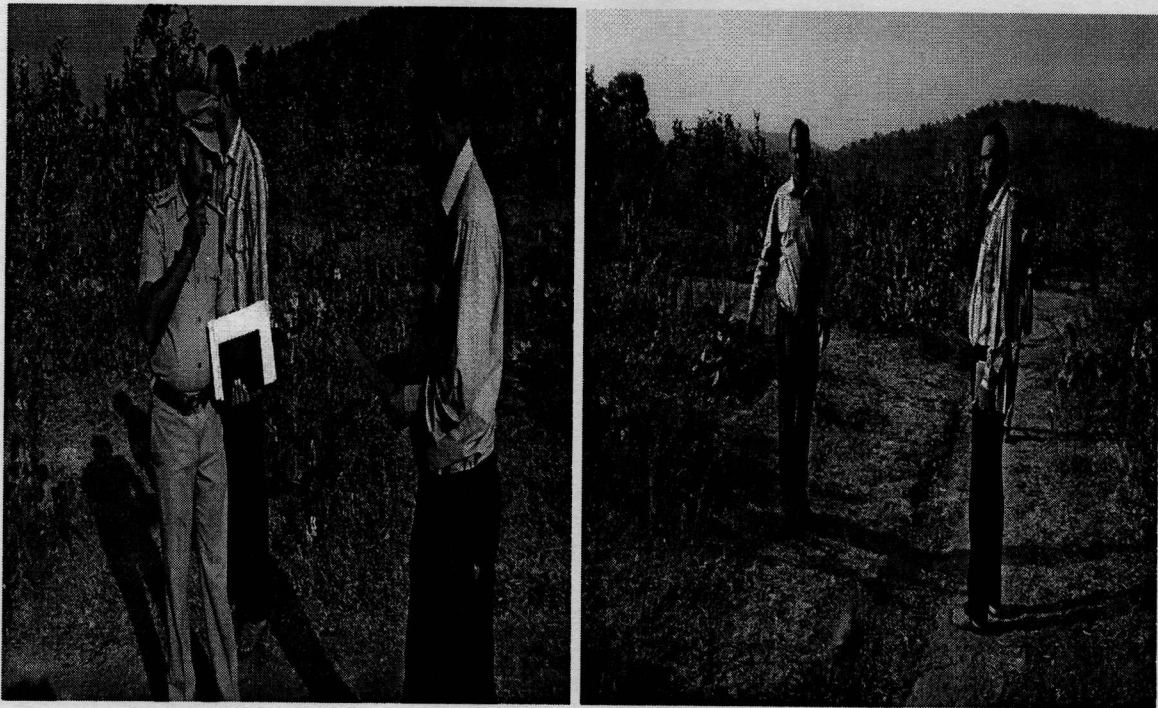
**Photographs of the proposed site for construction of laying of 220 KV DC Transmission line from existing 400/220 KV substation at Dichpally to proposed 143 MW solar energy private limited near Kanakal (V) during inspection by the Forest Officials.**



The User Agency has submitted undertakings to implement the following conditions:

1. The forest area proposed for diversion is above 5.00 Ha and since there are 2405 trees existing in 14.8906 Ha., there is no requirement of non-forest Compensatory Afforestation land (as per the Guidelines of GoI.MoEF.F.NO.11-68/2014-FC (pt.),dtd.11.07.2014. However 30 Ha Compensatory Afforestation scheme is proposed in degraded forest Area in Compartment No.275 of (Hajipur R.F.) Varni Beat of Varni Section of Varni Range.

**Photographs of the proposed site for Compensatory Afforestation scheme is proposed in Degraded Forest Area in Compartment No.275 of (Hajipur R.F.) Varni Beat of Varni Section of Varni Range during inspection by the Forest Officials.**



1. The Net Present Value (NPV) of Rs. **119.571 lakhs** shall be paid by the User Agency.
2. The extraction charges of the timber / fuel as estimated in these areas shall be borne by the User Agency.


The area does not fall in wildlife protected areas and there is no archaeological heritage site, important monuments in the proposed alignment.

The District Collector, Nizamabad has given the certificate in Form-I as per instructions vide GOI, MoEF Ref.11-9/98-Fc (PT) dt:05.07.2013 for linear projects, duly certifying that the process of identification of Rights under Forest Rights Act has been completed in the District and there are no claims pending in the above said Reserve Forest areas.

Hence, the proposals for laying of 220 KV DC Transmission line from existing 400/220 KV substation Dichpally to proposed 143 MW Solar energy private limited near Kanakal (V) of M/s ReNew Solar Energy (Telangana) private limited in Beats of Indalwai & Gannaram of Indalwai and Manchippa -Part Reserve Forests of Indalwai Range are recommended with the following conditions.

1. The Legal status of the Reserve Forest land proposed to be diverted does not change.
2. Any other conditions imposed by Forest Divisional Officer, Nizamabad from time to time shall be followed by the User Agency.

The Proposals for diversion of 14.8906 Ha of Reserve Forest land for laying of 220 KV DC Transmission line from existing 400/220 KV substation Dichpally to proposed 143 MW Solar energy private limited near Kanakal (V) of M/s ReNew Solar Energy (Telangana) private limited are **recommended**.

  
**Forest Divisional Officer,**  
**Nizamabad.**