

Check List Serial Number- 5
SITE INSPECTION REPORT

1.	Name of the Project.	Proposal for diversion of 8.435 ha of forest land for construction of 220KV DC transmission line from 400/200KV PGCIL Grid Substation, Keonjhar to 220/132/33 KV Grid Substation at Turumunga of OPTCL, Keonjhar.
2.	Name of District/ Division.	Keonjhar/ Keonjhar Forest Division.
3.	Date of Inspection.	24.03.2023
4.	Name and designation of Inspecting Officer.	Dhanraj H.D, IFS Divisional Forest Officer, Keonjhar Division.
5.	Name and designation of the Officers who attended the Inspection including representative of user agency.	1). Bijaya Kumar Mahanta, Range Officer, Keonjhar Range. 2). Ghasinath Patra. Dy. Range Officer, Patna Range Representative of the User Agency. 1). Subash Ch. Singh, DGM, OPTCL, Keonjhar 2). Nirmal Ku. Naik, SDO, OPTCL, Keonjhar
6.	Legal Status of the Forest land with area Proposed for diversion	The proposed diversion proposal involves Reserved & Revenue Forest. The details of applied forest land is produced below- Revenue Forest- 4.343 ha Reserved Forest- 4.092 ha Total forest land proposed for diversion- 8.435 ha.
7.	If area required for diversion has been demarcated on the ground.	The project proponent has been demarcated with RCC pillars with DGPS Coordinates has been inscribed in the pillars.

8. Item wise break up of forest land proposed for diversion.

Sl. No.	Purpose	Reserved Forest (ha)	Revenue Forest (ha)	Total Forest Land (ha)	Total Non-forest land (ha)	Grand Total (ha)
1	Laying of 220KV Grid Substation Power Transmission Line	4.092	4.343	8.435	51.984	60.419
Total		4.092	4.343	8.435	51.984	60.419

9.	Condition of Vegetation and type of forest in the applied area.	<p>The prevailing vegetation in the forest land proposed for diversion includes Sal and Sal associates. The geological formation of this area is quite suitable for growth of Sal. Sal constitutes around 70 to 75% of the top canopy.</p> <p>As per tree enumeration list the floral species found viz <i>Shorea robusta</i>, <i>Mangifera indica</i>, <i>Terminalia tomentosa</i>, <i>Syzygium cumini</i>, <i>Anogeissus latifolia</i>, <i>Diospyros melanoxylon</i>, <i>Artocarpus integrifolia</i> & Misc. Species exist in the applied forest land & non-forest land.</p> <p>Eco Value Class has been treated as "Eco Value Class- I" based on the forest type 5B/C1c- Dry Peninsular Sal Forest and the canopy density has been considered based on prevailing forest growth with canopy density swinging from 0.2 to 0.4. Pure patches of Sal along with miscellaneous Sal associates occurs in Naranpur RF. The average canopy density has been kept at 0.3.</p>
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10	Position of Wildlife	Naranpur Reserved Forest is the dwelling habitat for Elephant, Leopard, Bear, Barking Dear, Hyena, Porcupine and etc. wild elephants, often, visit Naranpur Reserved Forest and the adjoining Forest Blocks. The proposed site falls under elephant habitat zone- 2 as per the book titled Remote Sensing Application for characterization of elephant habitat and corridor in Odisha and parts of Bihar published by ORSAC in September, 1999.
11	Whether the applied area involves any Eco-Sensitive Zone / National Park / Sanctuary.	The applied area does not involve any Eco-Sensitive Zone / National Park / Sanctuary. The Elephant corridor namely Telkoi-Pallahara is situated 48.00 KM from the proposed forest area.
12	No. of trees to be felled and its impact on the eco-system.	There are 350 Nos. of sound trees and 70 Nos. of unsound trees (total Nos. 420) standing in the forest land proposed for diversion of 8.435 ha. There are 1095 Nos. of sound trees and 74 Nos. of unsound trees (total Nos. 1169) standing in the non-forest land over 51.984 ha. The species wise and diameter class wise abstract of total enumerated trees is enclosed in Check List Serial Number- 9 as Annexure-IX(A) & IX(B) respectively.
13	Details of broken up land and reclamation done if any.	The project proponent has undertaken to take appropriate mitigative measures, to prevent soil erosion, in accordance with the condition to be stipulated and the said undertaking is enclosed as Annexure-_____ .
14	Position of displacement of people and adequacy of rehabilitation, if any.	The project does not involve displacement of any human habitation and therefore the Re-settlement and Rehabilitation plan is not warranted.
15	Position of rare and endangered species available and importance of the applied area from archeological point of view.	No rare or endangered species is available in the applied area for diversion, but Elephant movement is often noticed in the said area. There is no archaeologically important monument situated in the area.
16	Non-forest land selected for Compensatory afforestation has been included in the D.L.C. report or not.	Not applicable
17	Suitability of the identified non-forest land/ degraded Forest land for Compensatory afforestation.	Degraded Forest land required for Compensatory Afforestation, for diversion of 8.435 ha of Forest Land under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted degraded forest land over 18.00 ha in Ukhunda RF under Champua Range of Keonjhar Division in favour of OPTCL, Keonjhar. The identified Degraded Forest land for plantation will be carried at the prevailing wage rate @Rs.345.00/- per Mandays as per revised wage rate by Labour Commissioner, Odisha, Bhubaneswar vide Notification No. 2500/LC dated 05.04.2023 with a maintenance period of 10 (ten) years under AR Plantation @1000 seedlings per ha (18 months old seedlings) over 18.00 ha has been prepared. Compensatory Afforestation scheme, prepared by the Divisional Forest Officer, Keonjhar Division in respect of the aforementioned Degraded Forest land is enclosed herewith as Annexure-_____ .
18	Violation of Forest (Conservation) Act, 1980 if any and action taken thereon.	No violation has been observed in respect of the forest land, involved in the instant diversion proposal, proposed for diversion under FC Act, 1980 for construction of 220KV DC transmission line from 400/200KV PGCIL Grid Substation, Keonjhar to 220/132/33 KV Grid Substation at Turumunga of OPTCL, Keonjhar.

Date 13-4-2023
Place: Keonjhar


Divisional Forest Officer,
Keonjhar Division