

Site Inspection Report

S R	Item	Observstion and remarks
1	Name of the project and location (Range, Round ,Beat)	Umred – Karandala WLS Range :- Kuhi / Umred Round :- Welgaon / Somnala Beat :- Dhamana / Pullar
2	Name of the User Agency	MSETCL, Nagpur & Vidarbha Irrigation Development Coroporation Nagur, Water Resources Department
3	Date of site inspection	Date :- 16/06/2015
4	Extent (ha) and legal status of forest land proposed for diversion	8.838 Ha. And Protected Forest
5	a) Detail of forest land proposed for diversion and activity-wise break-up of forest land b) Density and Eco – Value class	Umrer-Karandala WLS area required for the project is 8.8380 Ha. a) PF Compt. No. 1448, 1449 & 1464 area-8.8380 ha. b) Density -0.3 & Class-03
6	Whether the requirment of forest land as proposed by the user agency in col.2 of part- I is unavoidable and barest minimum for the project If no, recommended area item-with details of alternative examined	User agency has given 2 possible alternatine routes, to avoid Sanctuary area. 1) 50Km avoiding wild life sanctuary area around forest from Loc.No. 32 In this proposal additional about 50 Kms line will have to be erected from loc. No. 32 up to loc. 71 near Mokhabardi LIS Project / Pump House. Via Dhamana, Navegaon, Tas& Bhiwapur Most of the erected towers (about 32 nos.) will be used and a few (about 11 nos.) will have to be dismantled to avoid forest area. 2) Another possible alternative is from Umre 220/33 KvS/S :- In this alternative proposal 132 Kv line for about 34 Kms will have to be erete from 220/33 Kv Sub –Section at Umred up to Mokabardi Project via Navegaon, Tas& Bhiwapur Most of the erected towers (40nos.) will have to be dismantled. One 100 MVa 220/132 Kv Transformer will have to be installed at umred 220/33kv S/S at the most of VIDC.

7	Whether the proposal involves any construction of building (including residential) or not? If yes, detail thereof	This proposal is for MSETCL 132 KV tower line only. It includes only erection of towers. As per proposal submitted by user agency.																						
8	<p>a) Whether forest area proposed for diversion is important from wildlife point of view or not.</p> <p>b) B) Detail of any rare or endangered or unique species of flora and fauna in Proposed forest land .so, the details thereof</p> <p>c) Aerial distance from the nearest boundary of protected Area (km)</p> <p>d) Remark about sensitivity of the forest area likely to be affected due to project:</p> <p>e) whether wildlife mitigation plan is required? If yes , reasons therefor:</p>	<p>a) Umred - Karansala WLS is very rich in its Biodiversity. It harbours diverse life of flora and fauna. A wide variety of mammals, birds, amphibians and reptiles as well as micro flora and micro fauna.</p> <p>b) Table :- List of wildlife which is highly Protected Status under Wildlife (Protection) Act, 1972 & occurred in this Sanctuary.</p> <table><tr><th>Sr. No</th><th>Details</th><th>Name of Species</th><th>Protection Status under Wildlife (Protection) Act, 1972</th></tr><tr><td>1.</td><td>Mammals</td><td>Tiger, Panther, Rattle, Four horned Antelope, Indian Gaur, Pangolin</td><td>Schedule - I (Part - I)</td></tr><tr><td></td><td rowspan="3">Other Wildlife</td><td>Indian Soft shell turtle, Python</td><td>Schedule - I (Part - II)</td></tr><tr><td></td><td>Bazas, Hawks, Hornbills, Ospreys, Peafowl</td><td>Schedule - I (Part - III)</td></tr><tr><td></td><td>Danaid Egg fly, Crimson rose</td><td>Schedule - I (Part - IV)</td></tr><tr><td>2.</td><td>Other Animals</td><td>Common langur, Wild dog, Chameleon, Civets, common fox, Jungle Cat, Slothbear, checkered Keelback Snake, Ratsnakce, Indian Russels viper, Mongoose Grey Jungle Fowl</td><td>Schedule - II (Part - I)</td></tr></table> <p>Umred – Karhandala WLS has blessed with rich biodiversity more than 35 mammals, 200 Birds, 80 Butterflies & many varieties of micro flora & fauna.</p> <p>c) 132 KV tower line going through the Umred- Karandala WL Sanctuary.</p>	Sr. No	Details	Name of Species	Protection Status under Wildlife (Protection) Act, 1972	1.	Mammals	Tiger, Panther, Rattle, Four horned Antelope, Indian Gaur, Pangolin	Schedule - I (Part - I)		Other Wildlife	Indian Soft shell turtle, Python	Schedule - I (Part - II)		Bazas, Hawks, Hornbills, Ospreys, Peafowl	Schedule - I (Part - III)		Danaid Egg fly, Crimson rose	Schedule - I (Part - IV)	2.	Other Animals	Common langur, Wild dog, Chameleon, Civets, common fox, Jungle Cat, Slothbear, checkered Keelback Snake, Ratsnakce, Indian Russels viper, Mongoose Grey Jungle Fowl	Schedule - II (Part - I)
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	<p>d) Proposed Project of Transmission line is 21.376 Km long ,out of it 3.85 Km is going through the Kuhi (Wlidlfe) & Umred (Wlidlfe) Range of Umred-Karandala Sanctuary .This project opens the 8.8380 Hact. Area in strip which divides the Kuhi (Wlidlfe) Range in two parts.</p> <p><u>Possible Impacts due to this Projects are as following -</u></p> <p>i) Umred-Karandala Wlidlfe Sanctuary is the home for many endanged wildlife which listed in schedule -I&II WLPa 1972 gives high level legal protection to them. Removing the trees will definately disturbs habitat for many wildlife.</p> <p>ii) Umred-Karandala Wlidlfe Sanctuary is proved to be good tiger habitat as such comparatively small area (189.30 Sq. km) is home for 04 adult tigers & 09 Cubs Growing cubs requires more undisturbed space for establishing their own home range.This Project definately affects this.</p> <p>iii) Area of Proposed project and its surrounding area of Umred-Karandala Wlidlfe Sanctuary is the habitat for one tigress (UK WLS-T3) and two cubs presently and part of Mail Tiger territory of (UK WLS-T1) that Jay When actual project will start, regular movement of these tigress will be badly affected for longer time upto completion of different works under this projects that cutting of trees, its logging operations & transport erection of towers and transports of materials movement of workers. This activity disturbs & moved out prey species as well as predator species also from this area and surrounding area.</p> <p>iv) This Sanctuary is spreaded over two distance Kuhi (Wlidlfe) & Umred (Wlidlfe) range in Nagpur District & Poani Wlidlfe in Bhandara District. The work will disturb the connectivity of Nagpur Block with Bhandara Block of the Umred-Karandala Sanctuary,which is the only connectivity. Towards the larges contiguous forest area of Tadoba –Andhari TR landscape</p> <p>e) Yes</p> <ol style="list-style-type: none"> 1) Land diverted for this project need to restored again for wildlife point of view 2) Wildlife movement need to be down to attact the wild animal in same area which will be going to disturb when actual work of implemation 3) Eco development activity also need to be done of adjoining area in order to suooort of nearby villages.
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9	<p>Detail of vegetation:</p> <p>d) Total number of trees to be felled</p> <p>e) Number of trees to be felled of girth 60cm:</p> <p>f) Number of trees to be felled of girth above 60cm:</p> <p>g) Effect of removal of tree on the general ecosystem in the area</p>	<p>a) Total number of trees- 5439</p> <p>b) 31-60 cm – 4786</p> <p>c) 61 – 90 cm - 495</p> <p>d) 91 – 120 cm – 102</p> <p>e) 121-150 cm – 37</p> <p>f) 151 above - 19</p>
10	Background note on the proposal (short summary)	<p>1. Maharashtra State Electrivity Transmission Co. Lit . Plan To construct and operate 132 KV D/C Bhandara- Ambhora Transimission line at Loc. No. 182 This is to transmit bulk power from Bhandara (Sunflag) Sub Stn. To Mokhabardi Lift Irrigation Scheme under Gosikhurd Project of water Resource Department Dist. Nagpur With an estimated cost Rs 12,21,68,047/- This transimission line passes through Umrer-Karandala WLS from tower no. 43 to 55 and 65 having length 3.85 km. and total wjth of transimistion belt of 27m isrequired. The Forest area required for the project is 8.838 Ha. In Village Dhamna, Pullar and Bhowri.</p>
11	Whether the proposal involves any violation of forest (conservation) Act 1980? If yes, a detail report on violation including action taken against the concerned officials to be attached	No
12	Whether the proposal involves rehabilitation of displaced person. IF yes, whether rehabilitation plan has been approved by the State Government	No
13	<p>Details on catchment and culturable command area under the project (if applicable)</p> <p>Status of catchment area treatment plan to prevent siltation of reservoir (if</p>	NA

	applicable)	
14	Utility of the project	-
15	Whether land being diverted has any socio-cultural / religious values ? Whether any sacred grove or very old growth trees /forest exist in the areas proposed for diversion?	No
16	Any other important information related to the project (separate note may be attached, if required)	-
17	Details of documents and photographs enclosed	-
18	Recommendations of the inspecting officer (CCF/CF/DCF)	Project is recommended as the diversion of land from Umrer-Karandala WLS area required for the project is 8.8380 Ha. is included. 2% of the project cost should be deposited with Pench Tiger Foundation for undertaking eco-development and wildlife conservation mitigative activities in the Umrer-Karandala WLS.

Place: Nagpur
Date: 14.12.2015

(signature)


Divisional Forest Officer (Wildlife)
Bor Sanctuary, Nagpur