

SITE INSPECTON REPORT OF DFO, SUNDARGARH

1	Name of Project	Ultra Mega Power Project, M/s Orissa Integrated Power Limited at Bhedabahal, Sundargarh District, Odisha																																																																																																																																																																																												
2	Proposal No	FP/OR/THE/13286/2015																																																																																																																																																																																												
3	Name of District / Division	Sundargarh / Sundargarh Forest Division																																																																																																																																																																																												
4	Date of Inspection	29-07-2015																																																																																																																																																																																												
5	Name and Designation of Inspecting Officer	Sh. Arjun Behera, Divisional Forest Officer, Sundargarh Forest Division, Sundargarh (Odisha).																																																																																																																																																																																												
6	Name and Designation of other officers who attended the inspection including representatives of the user agency	1. Shri Rupesh Dora, Manager, PFCCL 2. Shri Selvindar Singh, Range Officer, Sadar 3. Shri Uma Naik, Forester, Sadar																																																																																																																																																																																												
7	Legal status of forest land with area proposed for diversion	Revenue Forest: - 17.02 Ha.																																																																																																																																																																																												
8	Item wise breakup of forest land proposed for diversion	<table><tr><th rowspan="3">Item wise break-up of land</th><th colspan="10">Forest Area</th></tr><tr><th colspan="2">Revenue</th><th colspan="2">Forest</th><th colspan="2">Reserve Forest</th><th colspan="2">PF</th><th colspan="2">DLC F</th><th colspan="2">Total</th></tr><tr><th>Ac</th><th>Ha</th><th>Ac</th><th>Ha</th><th>Ac</th><th>Ha</th><th>Ac</th><th>Ha</th><th>Ac</th><th>Ha</th><th>Ac</th><th>Ha</th></tr><tr><td>Switchyard Area</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td><td>0.00</td></tr><tr><td>Main Plant</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td><td>0.00</td></tr><tr><td>Reservoir Area</td><td>6.77</td><td>2.74</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6.77</td><td>2.74</td></tr><tr><td>Coal Handling Area</td><td>2.42</td><td>0.98</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.42</td><td>0.98</td></tr><tr><td>Water System + Cooling Tower</td><td>12.50</td><td>5.06</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>12.50</td><td>5.06</td></tr><tr><td>Others</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td><td>0.00</td></tr><tr><td>Green Belt Area</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td><td>0.00</td></tr><tr><td>(A)Main Plant Area</td><td>21.69</td><td>8.78</td><td>-</td><td>-</td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>21.69</td><td>8.78</td></tr><tr><td>(B)Ash Dyke Area</td><td>20.36</td><td>8.24</td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>20.36</td><td>8.24</td></tr><tr><td>(C)Colony Area</td><td>0</td><td>0</td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>0</td><td>0</td></tr><tr><td>Plant Area (A+B+C)</td><td>42.05</td><td>17.02</td><td>-</td><td>-</td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>42.05</td><td>17.02</td></tr></table>											Item wise break-up of land	Forest Area										Revenue		Forest		Reserve Forest		PF		DLC F		Total		Ac	Ha	Ac	Ha	Ac	Ha	Ac	Ha	Ac	Ha	Ac	Ha	Switchyard Area	0.00	0.00									0.00	0.00	Main Plant	0.00	0.00									0.00	0.00	Reservoir Area	6.77	2.74									6.77	2.74	Coal Handling Area	2.42	0.98									2.42	0.98	Water System + Cooling Tower	12.50	5.06									12.50	5.06	Others	0.00	0.00									0.00	0.00	Green Belt Area	0.00	0.00									0.00	0.00	(A)Main Plant Area	21.69	8.78	-	-			-	-			21.69	8.78	(B)Ash Dyke Area	20.36	8.24	-				-				20.36	8.24	(C)Colony Area	0	0	-				-				0	0	Plant Area (A+B+C)	42.05	17.02	-	-			-	-			42.05	17.02
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9	Condition of vegetation and type of forest applied area	Miscellaneous crop pattern with mixed vegetation like Terminalia arjuna (Arujun), Acacia nilotica (Acacia), Gmelina arborea (Gambhari), Butea monosperma (Palas), Zyzyphus mauritiana (Barkoli), Albizzia lebbek (Siris) etc. Type of Forest: 5B C2 – Northern Tropical Dry Mixed Decedent Forest. Revenue Forest: 17.02 Ha.																																																																																																																																																																																												


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10	Position of Wildlife in general.	<p>The wildlife species found in the proposed forest land are the following:</p> <p>Reptiles: Naja naja (Cobra), Bungarus careruleus (Chiti), Ptyas mucosus (Dhamana), Bungarus fasciatus (Rana), Homydoctylus flavirudis (Jhitipiti).</p> <p>Birds: Acridotheres tristis (Bani), Milvus migrans (Chilla), Cracopus pheenicopterus (Harada chadhei), Streptopelia (Kapata/Kapta), Picoides nanus (Katha hana chdhei), Corvus splendens (Kau), Eudynamis scolopaceus (Koili), Pavo cristatus (Mayura), Anthena brama (Pecha) .</p> <p>Mammals: Sus scrofa (Baraha), Melursus ursinus (Bhalu), Canis oureus (Bilua/Kuliah), , Paradoxurus hermaphrodites (Katash), Vulpes bengolensis (Kokisialī), Muntiacus muntjack/Muntiacus (Kutura), Presbtis entellus (Mankad), Macaca mulatta (Mankada), Rattus rattus (Musa), Oryctologus cuniculus (Rabbit). Elephas maximus (Hati): Elephant are occasionally seen in the area during paddy harvesting</p>
11	Whether the applied area is involved with any eco-sensitive area / national park / sanctuary.	No, the applied area is not involved with any eco-sensitive area/National Park/Sanctuary, Elephant corridor.
12	No. of trees to be felled and its impact on the systems.	575 no. of tree have been enumerated in the project area for felling. There may be some impact on the ecological system due to loss of vegetation.
13	Details of broken up area and reclamation done if any.	-Nil-
14	Position of displacement of people and adequacy of rehabilitation, if any.	Total no of villages to be displaced: 03 1958 no. of families to be displaced in the project area, Details enclosed in the FDP
15	Position of rare and endangered species available of importance of area from eco-social point of view.	No rare or endangered species are available in the project area.
16	Non forest land used in the project and non forest land selected for compensatory afforestation is included in the D.L.C. report or not.	NO

17	Suitability of the identified non forest area for compensatory afforestation.	Compensatory Afforestation land has been identified in village Kopsingha Tahsil Sadar, District Sundargarh. The total non forest area identified for Compensatory Afforestation is 45.79 acres (18.53 Ha) and is suitable for Afforestation.
18	Violation of forest (Conservation) Act 1980 if any and action taken thereof	No violation noticed

Date:

Place:


 Divisional Forest Officer
 Sundargarh Forest Division