



1

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

तालचेर थर्मल / Talcher Thermal

045/GGM/TTPS/

Dtd. 31.10.2016

AUTHORIZATION

Shri Chittaranjan Barik, AGM (Tech. Services), NTPC-Talcher Thermal is hereby authorized to process the proposals towards diversion of Forest Land being acquired for construction of the proposed intake water pump house for TTPS Expansion Project (2X660 MW) as per FC Act, 1980.

सी. आर. बारीक

C. E. BARIK

अपर महाप्रबन्ध (वि. उ. सेवायें)

Addl. General Manager (TS)

एन टी पी सी लिमिटेड/तालचेर थर्मल

NTPC Limited/Talcher Thermal

Specimen signature of Shri Chittaranjan Barik is attested.

(Ram Kuber) 31/10/16

Group General Manager

(Ram Kuber) 31/10/16

Group General Manager

(Ram Kuber) 31/10/16
Divisional Engineer
Angul Division

भारतीय मानक चिह्न



IS 18001



IS / ISO 9001



IS / ISO 14001



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीसा) - 759101, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053

पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003

Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003. वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - सुरु तो कीजिये।



TALCHER THERMAL POWER STATION
BRIEF NOTE ON
EXPANSION PROJECT (2 X 660 MW) AT TALCHER THERMAL

➤ **LOCATIONAL DETAILS**

Talcher Thermal Power Station (TTPS) is situated near Talcher Town in Angul District of Odisha, having capacity of 460 MW (4X60 + 2X110MW). The project has been taken over by NTPC on 03.06.1995 from OSEB (Orissa State Electricity Board)

The Expansion Project (2X660MW) is proposed to be located in the present site (vacant areas) of the station (Plant & Township) with approximate geographical location of Latitude 20° 55' N & Longitude 85°25' E. The site is approachable from Banarpal – Talcher section of NH – 23 at the distance of around 500 M from Anand Bazar & the nearest Railway stations are Talcher on Talcher-Cuttack Line (3 KM) & Talcher Road (5 KM) on Sambalpur – Bhubaneswar line. The Nearest airport is at Bhubaneswar - 150 KM distance from the project.

➤ **SALIENT FEATURES & PROGRESS MADE**

- The **Feasibility Report (FR)** for project (2X660 MW) at Talcher Thermal has been approved by NTPC Board on 12.11.10. Project Cost is estimated to be Rs. 8464.47 Cr i.e 6.41 Cr/MW (Qtr-II, 2010 Estimate).
- As the expansion project is envisaged at the existing power station area, there is no need for additional **land acquisition** for the main plant.
- The various **Site Specific Studies** namely Topological Survey, Geotechnical Investigation, Transportation Logistic Study, Seismic Study, Hydrographic Survey etc have been carried out.
- **Power Purchase Agreement (PPA)** has been signed with Bihar, West Bengal, Odisha, Jharkhand and Sikkim. State of Odisha shall be allocated 50% share of the electricity generated from the proposed project apart from allocation through unallocated quota of Central Govt.
- **Environment Clearance:** MOEF has issued fresh ToR dated 22.10.2014 for conductance of EIA Studies. The EIA study completed in May'2015. Meanwhile, MOEF issued new environmental norms in Dec'15, for which the EIA report needs to be revised. After revision of the EIA report, public hearing may be conducted by Jan'2017, followed by final report preparation & submission to MOEF for Environment Clearance.
- **Water Commitment:** Water Resource Deptt., Govt. of Odisha vide Ref. No. 3546/Irr.-II -WRC-06/14/WR Dtd. 13.02.2014 has allocated 52.8 Cusecs of water for the project to be drawn from the upstream of Samal Barage. The same is further revised to 39 cusecs vide recommendation of IPICOL vide letter no. 1104 dtd. 19.03.2015.
- **Coal Linkage:** To be sourced from Captive Mines/State/MCL.
- **Ash Disposal:** It is envisaged to adopt Mine Back filling with High Concentration Slurry Disposal (HCSD) Technology. TTPS has been allotted abandoned mine voids by M/s MCL.

➤ **PRESENT PROPOSAL**

- As the expansion project is envisaged at the existing power station area, there is no need for additional land acquisition for the main plant. As the water is to be sourced from upstream of Samal Barrage as per allocation from Water Resource Deptt., Govt. of Odisha, **the project needs around 2.337 Acre of Forest Land for the proposed pump House near Samal Barage, as there is no alternative land available.** After discussion with Revenue Dept. as well as local forest authorities, the proposed minimum area has been identified. **With the proposed acquisition of land, no villages are getting affected and no persons shall be displaced.** With the project commissioning, indirect employment shall be generated in and around Talcher.
- The details of the land proposed for diversion are furnished below:

Sl. No	Hal Khata No	Hal Plot No.	Hal Kisam	Total Area (Acre)	Proposed Area (Acre)	Sabik Kisam
1.	8	41(P)	PATITA	9.230	1.626	JUNGLE
2.	8	63(P)	JUNGLE-2	2.080	0.525	JUNGLE
3.	8	67(P)	JUNGLE-2	1.626	0.186	JUNGLE
Total proposed area					2.337	

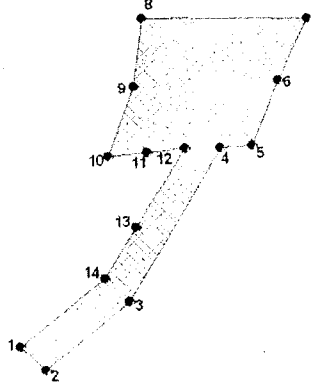
Divisional Forest Officer
Angul Division

सी. आर्. बारीक
C. R. BARIK
अपर महाप्रबंधक (तक. सेवाये)
Addl. General Manager (TS)
Talcher Thermal
Page 1 of 1

(10)

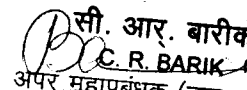
Name of Station: NTPC Talcher Thermal Power Station

Purpose: DGPS Surveyed Coordinates of Boundary Points for construction of Make Up Water Pump House of NTPC TTPS at village Bhaktipal, Dist: Angul.



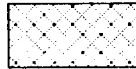
Point ID	Latitude	Longitude	Easting	Northing
1.	21°03'55.65155"	85°07'07.93943"	304555.752	2330545.664
2.	21°03'55.23892"	85°07'08.44594"	304570.224	2330532.801
3.	21°03'56.49191"	85°07'10.07906"	304617.824	2330570.780
4.	21°03'59.33887"	85°07'11.85366"	304670.087	2330657.734
5.	21°03'59.37074"	85°07'12.48124"	304688.215	2330658.501
6.	21°04'00.58578"	85°07'12.99481"	304703.482	2330695.694
7.	21°04'01.73559"	85°07'13.56841"	304720.313	2330730.863
8.	21°04'01.71995"	85°07'10.33498"	304627.110	2330731.482
9.	21°04'00.46757"	85°07'10.17692"	304622.092	2330693.018
10.	21°03'59.17337"	85°07'09.67946"	304607.262	2330653.385
11.	21°03'59.24215"	85°07'10.42944"	304628.937	2330655.245
12.	21°03'59.32752"	85°07'11.15065"	304649.788	2330657.625
13.	21°03'57.87410"	85°07'10.19836"	304621.770	2330613.249
14.	21°03'56.90867"	85°07'09.59887"	304604.113	2330583.761


Divisional Forest Officer
Angul Division


C. R. BARIK
अपर महाप्रबंधक (तक. सेवामें)
Addl. General Manager (TS)
एनटीपीसी लिमिटेड/तालचर थर्मल
NTPC Limited/Talcher Thermal

LEGEND

- DGPS-SURVEYED POINT



FOREST PATCH

FOREST AREA WITHIN BOUNDARY

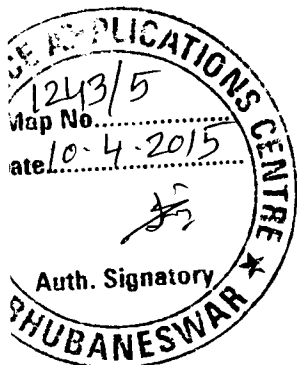
SL-NO	PLOT_NO	AREA_AC	AREA_HA
1	41(P)	2.242	0.907
2	63(P)		
3	67(P)		
TOTAL		2.242	0.907

DGPS SURVEYED CO-ORDINATES OF BOUNDARY POINTS

POINT-ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	21°03'55.65155"	85°07'07.93943"	304555.752	2330545.664
2	21°03'55.23892"	85°07'08.44594"	304570.224	2330532.801
3	21°03'56.49191"	85°07'10.07906"	304617.824	2330570.780
4	21°03'59.33887"	85°07'11.85366"	304670.087	2330657.734
5	21°03'59.37074"	85°07'12.48124"	304688.215	2330658.591
6	21°04'00.58578"	85°07'12.99481"	304703.482	2330695.694
7	21°04'01.73559"	85°07'13.56341"	304720.313	2330730.863
8	21°04'01.71995"	85°07'10.33498"	304627.110	2330731.482
9	21°04'00.46757"	85°07'10.17692"	304622.092	2330693.018
10	21°03'59.17337"	85°07'09.67946"	304607.262	2330653.385
11	21°03'59.24215"	85°07'10.42944"	304628.937	2330655.245
12	21°03'59.32752"	85°07'11.15065"	304649.788	2330657.625
13	21°03'57.87410"	85°07'10.19836"	304621.770	2330613.249
14	21°03'56.90867"	85°07'09.59887"	304604.113	2330583.761



ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45 48 (part), Jayadev Vihar
Bhubaneswar

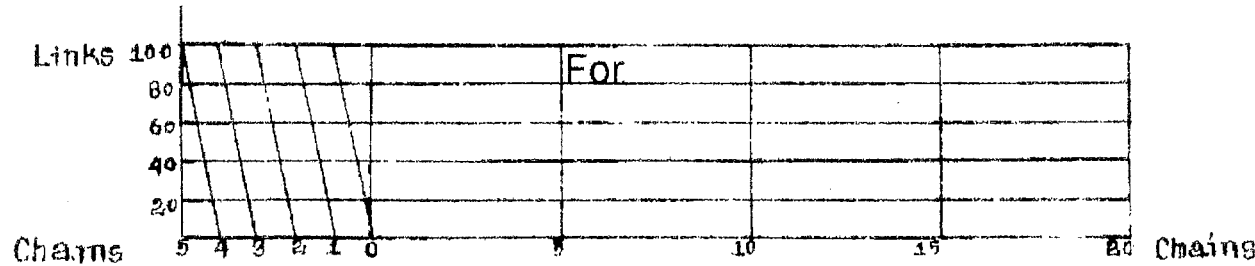


Land Schedule

Sl.No.	Khata No.	Plot No.	Kisam	Total Area(Acre)	Area Applied For (Acre)
1	8	41(P)	PATITA	9.230	1.626
2	8	63(P)	JUNGAL-2	2.080	0.525
3	8	67(P)	JUNGAL-2	1.626	0.186
TOTAL APPLIED AREA					2.337

Certified to
a copy of it
Rule, 29 read
on 23rd febr

Proposed Pump House



Manasildar, Kaniha.

Divisional Forest Officer
Angul Division

चितरंजन बारिक
CHITTARANJAN BARIK
अधीन महाप्रबंधक (पी एंड एस)
AGM (P&S)
एनटीपीसी लिमिटेड/तालचेर थर्मल
NTPC Limited/Talcher Thermal

FORESTER
Talcher, Section

Revenue Inspector
Parabli

Divisional Forest Officer
Angul Division

Forest Range Officer
Talcher Range



15

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

तालचेर थर्मल / Talcher Thermal

Ref. 045/TS/772

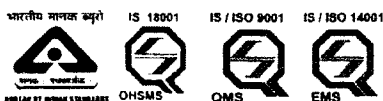
Dtd. 31.10.2016

CERTIFICATE

It is certified that no alternative suitable Non-Forest Land is available for the Project, for which the said Forest Land is involved.


Chandra Bhanu Barik
AGM (Tech. Services)
आय. एम. (तक. सेवार्यें)
Talcher Thermal (TS)
एन टी पी सी तालचेर थर्मल
NTPC Limited, Talcher Thermal


Divisional Forest Officer
Angul Division



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीसा) - 759101, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053
पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003
Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003, वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो कीजिये।



(16)

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

तालचेर थर्मल / Talcher Thermal

Ref. 045/TS/771

Dtd. 31.10.2016

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

NTPC is planning to set up 2X660 MW project at TTPS, for which intake water pump house is to be constructed on the upstream of the Samal Barrage as Water Resource department, GoO has allotted water from Samal Barage. After due verification with local authorities, a minimal area of 2.337 acre (0.95 ha) at Samal, Talcher has been identified for locating the pump house, the kisam of which is Jungle. Hence, the present proposal for diversion is being applied for non-forestry use under Fc Act, 1980.

सी. आर्. बारीक

Chief Engineer Barik

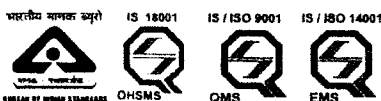
अवर महाप्रबंधक (तक. सेवाएं)

Addl. General Manager (TS)

एन टी पी सी लिमिटेड/तालचेर थर्मल

NTPC Limited/Talcher Thermal


Divisional Forest Officer
Angul Division



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडिसा) - 759101, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053
पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003
Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003, वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो कीजिये।



एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

तालचेर थर्मल / Talcher Thermal

Ref. 045/TS/773

Dtd. 31.10.2016

CERTIFICATE

It is certified that 2.337 Acres (0.95 Ha) land is involved for construction of Intake Water Pump House for the proposed expansion project (2 X 660 MW) at Talcher Thermal Power Station, which is the minimum extent of the Forest Land and area required for the pump house.

Chittaranjan Barik

AGM (Tech. Services)

C. R. BARIK

अपर महाप्रबंधक (तक. सेवायें)

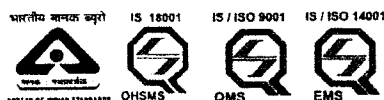
Addl. General Manager (TS)

एन टी पी सी लिमिटेड/तालचेर थर्मल

NTPC Limited/Talcher Thermal

Divisional Forest Officer

Angul Division



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीसा) - 759101, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053

पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीटुशनल एरिया, लोधी रोड, नई दिल्ली - 110 003
Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003, वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो कीजिये।



एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

तालचेर थर्मल / Talcher Thermal

Ref. 045/TS/ 774

Dtd. 31.10.2016

STATUS OF ENVIRONMENT CLEARANCE

For construction of the pump house for the expansion project (2x660MW), separate Environmental Clearance is not required. However, necessary Environmental clearance for the expansion project (2x660MW) as a whole shall be taken for which EIA study as per the TOR issued by MoEF is completed.

Also, Odisha SPCB permission (CTE & CTO) shall be taken for the expansion project (2x660MW) as per requirement.

सी. आर. बारिक

AGM (Tech. Services)

अपर महाप्रबंधक (तक. सेवायें)

Addl. General Manager (TS)

एन टी पी सी लिमिटेड/तालचेर थर्मल

NTPC Limited/Talcher Thermal

Divisional Forest Officer
Angul Division

भारतीय मानक ब्यूरो



IS 18001



IS / ISO 9001



IS / ISO 14001



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीशा) - 759101, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053

पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003

Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003. वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो कीजिये।



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

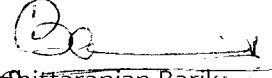
तालचेर थर्मल / Talcher Thermal

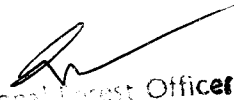
Ref. 045/TS/775

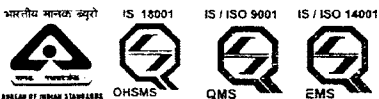
Dtd. 31.10.2016

CERTIFICATE

We hereby undertake that the cost of Net Present Value will be borne by the Proponent for the said intake water pump house for Talcher Thermal Expansion Project (2X660 MW).


 श्री. आनंजान बारिक
 AGM (Tech. Services)
 अपर महाप्रबंधक (तक. सेवायें)
 तालचेर, General Manager (TS)
 एनटीपीसी लिमिटेड/तालचेर थर्मल
 NTPC Limited/Talcher Thermal


 Divisional Forest Officer
 Angul Division



तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीसा) - 759 01, दूरभाष : 06760-249101 (कार्यालय), फैक्स : 06760-249053
 Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053

पंजीकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003
 Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003, वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो कीजिये।

तालचेर थर्मल / Talcher Thermal

To
Divisional Forest Officer
Angul

Ref: 045/GM/TTPS/ 56

Date: 07.04.2015

Sub: Authorization for associating during Tree Enumeration & Forest Diversion related works on behalf of NTPC/TTPS

Ref: Your Memo No. 143 Dtd. 08.01.2015

Respected Sir,

With reference to your above mentioned letter; we hereby authorize the following executives to associate with Forest Department in connection with Tree Enumeration and Forest Land Diversion and also sign documents, as required, on behalf of undersigned.

Shri C. R. Barik, AGM (P&S)

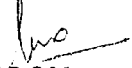
OR

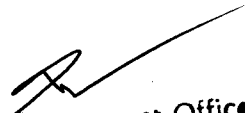
Shri Amit Kumar Sahu, Sr. Manager (P&S)

This is for your kind information please.

With Warm Regards,

Yours faithfully,


K R C Murty
GM I/c TTPS


Divisional Forest Officer
Angul Division

तालचेर थर्मल पावर स्टेशन, पत्रालय : तालचेर थर्मल, जिला : अंगुल (ओडीसा)-759101, दूरभाष : 06760-249101(कार्यालय), फैक्स : 06760-249053
Talcher Thermal Power Station, P.O. : Talcher Thermal, Dist. : Angul (Orissa) - 759101, Phone : 06760-249101 (O), Fax : 06760-249053
पंजिकृत कार्यालय : एन टी पी सी भवन, स्कोप कॉम्प्लेक्स, 7 इन्स्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003
Registered Office : NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003, वेबसाइट / website : www.ntpc.co.in

हिन्दी में काम करना आसान है - शुरू तो किजीये ।

Tree Enumeration list of Govt. Revenue/Forest Land of Village - Bhaktipal to be acquired by NTPC for Pump House for TTPS Expn Project (2 X 660 MW)

Sl. No.	name of tree	Girth Class												TOTAL
		30-44 CM		45-59 CM		60-89 CM		90-119 CM		120-149		150 & above		
		Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	
1	Asana	7	-	5	-	7	-	1	-	-	-	-	-	20
2	Bara	-	-	-	-	-	-	-	-	1	-	-	-	1
3	Beala	1	-	-	-	-	-	-	-	-	-	-	-	1
4	Bhalia	-	-	1	-	-	-	-	-	-	-	-	-	1
5	Chara	2	-	2	-	2	-	-	-	-	-	-	-	6
6	Kumbhi	-	-	-	-	1	-	-	-	-	-	-	-	1
7	Kuruma	8	1	9	1	7	2	2	-	-	-	-	-	30
8	Kusuma	-	-	-	-	-	-	-	-	-	-	1	-	1
9	Mahula	1	-	2	1	-	1	-	-	-	-	-	-	5
10	Mai	-	-	2	-	1	-	-	-	-	-	-	-	3
11	Neem	1	-	1	-	3	-	-	-	-	-	-	-	5
12	Sal	31	2	57	2	67	2	6	3	-	-	-	-	170
13	Simili	-	-	-	-	-	-	1	-	-	-	-	-	1
14	Sunari	1	1	-	-	-	-	-	-	-	-	-	-	2
	Total Trees	52	3	79	4	88	5	10	3	1	0	1	0	247

GRAND TOTAL (S+D)

247

[Signature]
Marking Officer
FORESTER
Talcher, Section

[Signature]
अमित कुमार साहू / AMIT KUMAR SAHU
वरिष्ठ प्रबंधक (यो. एवं प्र.) / Sr. Manager (P&S)
एनटीपीसी लिमिटेड-टैटोपीएस/NTPC Limited-TTPS
तालचर थर्मल (ओड़िशा)/Talcher Thermal (Odisha)

[Signature]
Forest Range Officer
Talcher Range

[Signature]
Revenue Inspector,
Parabli

[Signature]
सी. आर्. बारीक
C. R. BARIK
अपर महाप्रबंधक (तक. सेवायें)
Addl. General Manager (TS)
एनटीपीसी लिमिटेड/तालचर थर्मल
NTPC Limited/Talcher Thermal

[Signature]
Divisional Forest Officer,
Angul Division

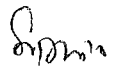
59

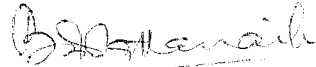
Tree Enumeration list of Govt. Revenue/Forest Land of Village - Bhaktipal to be acquired by NTPC for Pump House for TTPS Expn Project (2 X 660 MW)

Sl. No.	name of tree	Girth Class												
		30-44 CM		45-59 CM		60-89 CM		90-119 CM		120-149		150 & above		TOTAL
		Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	Sound	Defective	
1	Asana	7	-	5	-	7	-	1	-	-	-	-	-	20
2	Bara	-	-	-	-	-	-	-	-	1	-	-	-	1
3	Beala	1	-	-	-	-	-	-	-	-	-	-	-	1
4	Bhalia	-	-	1	-	-	-	-	-	-	-	-	-	1
5	Chara	2	-	2	-	2	-	-	-	-	-	-	-	6
6	Kumbhi	-	-	-	-	1	-	-	-	-	-	-	-	1
7	Kuruma	8	1	9	1	7	2	2	-	-	-	-	-	30
8	Kusuma	-	-	-	-	-	-	-	-	-	-	1	-	1
9	Mahula	1	-	2	1	-	1	-	-	-	-	-	-	5
10	Mai	-	-	2	-	1	-	-	-	-	-	-	-	3
11	Neem	1	-	1	-	3	-	-	-	-	-	-	-	5
12	Sal	31	2	57	2	67	2	6	3	-	-	-	-	170
13	Simili	-	-	-	-	-	-	1	-	-	-	-	-	1
14	Sunari	1	1	-	-	-	-	-	-	-	-	-	-	2
	Total Trees	52	3	79	4	88	5	10	3	1	0	1	0	247

GRAND TOTAL (S+D)

247


 Marking Officer
FORESTER
 Talcher, Section


 Forest Range Officer
 Talcher Range


 Revenue Inspector
 Parabhi


 Divisional Forest Officer
 Angul Division