

PART -IV

(To be filled by Nodal Officer or Principal Chief Conservator of Forests (Head of Forest Force))

(Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks)

Sub.- Proposal for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 39 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda, Forest Division in Maharashtra State..The details of land proposed for diversion is as under-

Item of Work purpose	Village	Taluka	District	Survey no. / Gut no.	Compt. No.	Area (in Ha.)	Legal Status
A) Wadsa Forest Division							
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Alitola	Korchi	Gadchiroli	134, 137, 138, 140, 157, 130, 176, 177, 175, 147, 179	1406	7.58	Protected Forest
				191, 273	-	0.18	Zudpi Jungle
	Tekabedal			18	-	0.22	Zudpi Jungle
	Bethkathi			329	1397	0.91	Protected Forest
				217, 212	1398	1.68	Protected Forest
				35, 51		0.27	Unclass Forest
	Zagodwahi			112, 114, 123, 124	1393	2.53	Protected Forest
	Gahanegata			167, 72, 84	-	0.73	Unclass Forest
	Jamnara			207	-	0.56	Zudpi Jungle
	Kohaka			154, 9		0.68	Unclass Forest
	Wadgaon Alis			26, 27, 28, 25	1358	0.65	Protected Forest
	Ganeshpur			17	-	0.12	Protected Forest
				99	-	0.42	Unclass Forest
				135	-	0.20	Zudpi Jungle
	Belgaon			76, 80, 97, 89	1343	3.25	Protected Forest
	Kukdail			82	1344	1.14	Protected Forest
				151, 150, 8	1342	6.01	Protected Forest
				16, 17	499	1.01	Reserve Forest
	Dawandi			18	488	6.47	Reserve Forest
	Tutekanhar			57, 56, 54, 51, 52, 53	1337	3.15	Protected Forest
				30, 26	1336	1.28	Protected Forest
	Chilamtola			194, 186, 8, 201	1340	4.77	Protected Forest

	Temli	Kurkheda	114, 118, 115	1319	9.46	Protected Forest	
	Gadheli		117	482	2.70	Reserve Forest	
			34, 38, 37, 39, 36, 20, 22, 21, 40, 25	456	4.98	Reserve Forest	
			18	483	12.05	Reserve Forest	
	Zankargondi		19	484	0.08	Reserve Forest	
	Unsurved			457	19.51	Reserve Forest	
				455	13.52	Reserve Forest	
				449	11.66	Reserve Forest	
				450	11.67	Reserve Forest	
	Unsurved		41, 32, 33,	242	14.25	Reserve Forest	
	Jamtola		35, 34	1064	0.98	Protected Forest	
			20, 19, 18, 16, 17	1063	1.49	Protected Forest	
			1		0.02	Protected Forest	
			117, 114, 115, 106/2, 116, 127, 128, 98, 96	1061	9.99	Protected Forest	
	Wagdhara Alis Gowardhudki		54, 51	-	0.46	Zudpi Jungle	
			47	-	0.68	Unclass Forest	
			46, 49, 51, 52, 55, 54	1037	7.70	Protected Forest	
	Purada		83, 82, 100, 99, 98	1025	5.85	Protected Forest	
	Bhategaon		111, 112, 113, 142	1026	0.86	Protected Forest	
			187	1027	0.05	Protected Forest	
			196	1028	0.73	Protected Forest	
			88, 86, 81, 82	1083	2.38	Protected Forest	
			134, 135, 52, 51, 77, 76	256	5.73	Reserve Forest	
	Yedapur		59, 57	1081	1.96	Protected Forest	
				1081	0.21	Protected Forest	
						Forest	
	Sonpur		35, 34, 33, 32, 31, 29, 30, 26, 18, 22, 19, 20,	208	6.71	Reserve Forest	
			26, 9	209	1.64	Reserve Forest	
			9	204	0.78	Reserve Forest	
				204	1.84	Reserve Forest	
			----	205	2.04	Reserve Forest	
			33, 26, 18, 16, 22, 17	1022	5.57	Protected Forest	
			19, 23	1023	1.00	Protected Forest	
			Chandagad	11, 16	1122	1.11	Protected Forest
				44	1124	4.66	Protected Forest
			Chinegaon	113	1129	0.04	Protected Forest
				38,	1126	0.54	Protected forest

	Palasgaon		91, 92, 93, 94,	1127	2.54	Protected Forest
			46	-	0.06	Zudpi Jungle
			146	-	0.10	Protected Forest
			144	1130	0.02	Protected Forest
			143, 132, 1, 2		1.63	Unclass Forest
			55, 57, 56	1131	1.95	Protected Forest
	Chandona		133, 137, 136	283	2.45	Reserve Forest
			131, 126	284	6.42	Reserve Forest
			124, 121	1115	2.20	Protected Forest
			295, 300, 214, 303	1115	2.05	Protected Forest
	Shivni		293, 292	1576	0.73	Protected Forest
			260	-	0.87	Unclass Forest
			256, 257, 349, 43	-	0.64	Zudpi Jungle
			368, 14, 16	1117	1.83	Protected Forest
			296, 302	1116	0.64	Protected Forest
			56, 76, 75, 48, 49, 54, 53, 52, 45, 55, 51, 46, 50	289	6.52	Reserve Forest
	Dongargaon		422	-	0.18	Protected forest
			423, 440, 439, 438, 435, 433, 458, 452, 454, 455, 457, 456, 515	1140	14.20	Protected Forest
	Kadholi		205, 188	-	2.00	Unclass Forest
			204, 189	-	0.50	Zudpi Jungle
	Jambli		39	-	1.16	Protected Forest
			310	-	3.23	Protected Forest
	Sawalkheda		294	-	0.32	Zudpi Jungle
			191, 190	735	1.01	Reserve Forest
	Karadi	Armori	108, 109	735	0.94	Protected Forest
			112, 111, 114, 113	736	1.38	Protected Forest
	Patanwada			737	0.96	Protected Forest
			74, 75, 73, 18, 13	737	3.69	Protected Forest
			49, 67		0.44	Protected Forest
			537, 548, 547, 465, 417, 374, 463	740	8.32	Protected Forest
	Vairagad		535	741	0.44	Protected Forest
			209	744	1.86	Protected Forest
	Unsurved			44	13.38	Reserve Forest

	Chamorshi chak			242, 241, 240, 239, 238, 233, 234, 235, 232, 220, 219, 218, 215	43	21.66	Reserve Forest
	Wanki			222	751	0.22	Protected Forest
	Wasala			315	752	0.37	Protected Forest
	Thanegaon			140, 139, 127, 117	-	13.16	Big Tree Forest
Total Forest Area (in ha.)						328.78	

		Total Forest Area (in ha.)					
Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
B) Bramhapuri Forest Division							
Laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Awalgaon	Bramhapuri	Chandrapur	314	1144	0.2852	Protected Forest
				793, 777, 833, 792, 790, 791	1138	13.4222	Protected Forest
				775, 741, 765	-	0.3353	Zudpi Jungle
	Halda			572, 168	1146	12.3064	Protected Forest
				467	1145	3.5807	Protected Forest
	Chak Kosambi			68	751	4.9119	Protected Forest
	Bodada			34, 30, 10	1168	9.3860	Protected Forest
	Ballarpur Mal			144	1165	0.0973	Protected Forest
				146, 145, 139, 142	1167	0.8918	Protected Forest
	Kudesaoili			281	1172	0.0813	Protected Forest
	Bodegaon			207		0.4998	Unclass Forest
				188	1189	0.4312	Protected Forest
Total Forest Division (in ha.)						46.2291	

Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
C) Chandrapur Forest Division							
Laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Khanabad Chak	Saoli	Chandrapur	110, 111	-	0.043	Zudpi Jungle
	Karoli			347, 287, 300	1435	2.908	Protected Forest
				316	1437	0.764	Protected Forest
				414		0.184	Zudpi Jungle
	Gewara BK				153	9.060	Reserve Forest
				198	1441	1.882	Protected Forest
				114, 115	1443	0.714	Zudpi Jungle
				116, 76		0.515	Zudpi Jungle
	Gewara KH			159		0.173	Zudpi Jungle
	Vihirgaon			198	1461	5.276	Protected Forest
	Chikli				156	1.826	Reserve

The legal status & diversion wise abstract of proposed forest area (I+II+III+IV) is under:-

Sr. No.	Name of Divisions	Number of villages	Legal Status	Area (ha)
1	Wadsa Forest Division	39	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	328.78
2	Bramhapuri Forest Division	7	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	46.2291
3	Chandrapur Forest Division	19	Reserved Forest/ Protected Forest/Zudpi Jungle	52.821
4	Central Chanda Forest Division	11	Zudpi Jungle	4.849
Grand Total		76		432.6791

Specific recommendation of Principal Chief Conservator of Forests (HoFF) MS Nagpur is attached on page no. 40A



(G Sai Prakash)

Additional Principal Chief Conservator of Forests
& Nodal Officer, Maharashtra State, Nagpur.

Date: 23/05/2018

Place: Nagpur

Proposal for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 39 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda, Forest Division in Maharashtra State.

Specific Recommendation of Principal Chief Conservator of Forests, (Head of Forest Force) Maharashtra State with regards to acceptance or otherwise of the proposal supported by reasons.

- 1) The Proposal is for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 39 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda Forest Division in the Maharashtra State. The details of forest land proposed for diversion are as under:-

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A] Wadsa Forest Division							
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Alitola	Korchi	Gadchiroli	134, 137, 138, 140, 157, 130, 176, 177, 175, 147, 179	1406	7.58	Protected Forest
				191, 273	-	0.18	Zudpi Jungle
	Tekabedal			18	-	0.22	Zudpi Jungle
	Bethkathi			329	1397	0.91	Protected Forest
				217, 212	1398	1.68	Protected Forest
				35,51		0.27	Unclass Forest
	Zagodwahi			112, 114, 123, 124	1393	2.53	Protected Forest
	Gahanegata			167, 72, 84	-	0.73	Unclass Forest
	Jamnara			207	-	0.56	Zudpi Jungle
	Kohaka			154, 9		0.68	Unclass Forest
	Wadgaon			26, 27, 28, 25	1358	0.65	Protected Forest
	Alis			17	-	0.12	Protected Forest
	Ganeshpur			99	-	0.42	Unclass Forest
	Belgaon			135	-	0.20	Zudpi Jungle
	Kukdail			76, 80, 97, 89	1343	3.25	Protected Forest
				82	1344	1.14	Protected Forest
				151, 150, 8	1342	6.01	Protected Forest
				16, 17	499	1.01	Reserve Forest
	Dawandi			18	488	6.47	Reserve Forest
	Tutekanhar			57, 56, 54, 51, 52, 53	1337	3.15	Protected Forest
				30, 26	1336	1.28	Protected Forest
	Chilamtola			194, 186, 8, 201	1340	4.77	Protected Forest
	Temli			114, 118, 115	1319	9.46	Protected Forest
				117	482	2.70	Reserve Forest
	Gadheli			34, 38, 37, 39,	456	4.98	Reserve Forest

				36, 20, 22, 21, 40, 25			
	Zankargondi			18	483	12.05	Reserve Forest
				19	484	0.08	Reserve Forest
	Unsurved				457	19.51	Reserve Forest
					455	13.52	Reserve Forest
	Unsurved	Kurkheda			449	11.66	Reserve Forest
					450	11.67	Reserve Forest
	Jamtola			41, 32, 33,	242	14.25	Reserve Forest
				35, 34	1064	0.98	Protected Forest
				20, 19, 18, 16, 17	1063	1.49	Protected Forest
				1		0.02	Protected Forest
	Wagdhara Alis Gowarhudki			117, 114, 115, 106/2, 116, 127, 128, 98, 96	1061	9.99	Protected Forest
				54, 51	-	0.46	Zudpi Jungle
				47	-	0.68	Unclass Forest
	Purada			46, 49, 51, 52, 55, 54	1037	7.70	Protected Forest
	Bhategaon			83, 82, 100, 99, 98	1025	5.85	Protected Forest
				111, 112, 113, 142	1026	0.86	Protected Forest
				187	1027	0.05	Protected Forest
				196	1028	0.73	Protected Forest
	Yedapur			88, 86, 81, 82	1083	2.38	Protected Forest
				134, 135, 52, 51, 77, 76	256	5.73	Reserve Forest
				59, 57	1081	1.96	Protected Forest
					1081	0.21	Protected Forest
	Sonpur			35, 34, 33, 32, 31, 29, 30, 26, 18, 22, 19, 20,	208	6.71	Reserve Forest
				26, 9	209	1.64	Reserve Forest
				9	204	0.78	Reserve Forest
					204	1.84	Reserve Forest
	Andhli			----	205	2.04	Reserve Forest
				33, 26, 18, 16, 22, 17	1022	5.57	Protected Forest
				19, 23	1023	1.00	Protected Forest
	Chandagad			11, 16	1122	1.11	Protected Forest
				44	1124	4.66	Protected Forest
	Chinegaon			113	1129	0.04	Protected Forest
				38,	1126	0.54	Protected forest
				91, 92, 93, 94,	1127	2.54	Protected Forest
				46	-	0.06	Zudpi Jungle
	Palasgaon			146	-	0.10	Protected Forest
				144	1130	0.02	Protected Forest
				143, 132, 1, 2		1.63	Unclass Forest
				55, 57, 56	1131	1.95	Protected Forest
	Chandona			133, 137, 136	283	2.45	Reserve Forest

				131, 126	284	6.42	Reserve Forest
				124, 121	1115	2.20	Protected Forest
	Shivni			295, 300, 214, 303	1115	2.05	Protected Forest
				293, 292	1576	0.73	Protected Forest
				260	-	0.87	Unclass Forest
				256, 257, 349, 43	-	0.64	Zudpi Jungle
				368, 14, 16	1117	1.83	Protected Forest
				296, 302	1116	0.64	Protected Forest
	Dongargaon			56, 76, 75, 48, 49, 54, 53, 52, 45, 55, 51, 46, 50	289	6.52	Reserve Forest
				422	-	0.18	Protected forest
	Kadholi			423, 440, 439, 438, 435, 433, 458, 452, 454, 455, 457, 456, 515	1140	14.20	Protected Forest
				205, 188	-	2.00	Unclass Forest
	Jambli			204, 189	-	0.50	Zudpi Jungle
				39	-	1.16	Protected Forest
	Sawalkheda			310	-	3.23	Protected Forest
				294	-	0.32	Zudpi Jungle
	Karadi			191, 190	735	1.01	Reserve Forest
	Patanwada	Armori		108, 109	735	0.94	Protected Forest
				112, 111, 114, 113	736	1.38	Protected Forest
					737	0.96	Protected Forest
				74, 75, 73, 18, 13	737	3.69	Protected Forest
				49, 67		0.44	Protected Forest
	Vairagad			537, 548, 547, 465, 417, 374, 463	740	8.32	Protected Forest
				535	741	0.44	Protected Forest
				209	744	1.86	Protected Forest
	Unsurved				44	13.38	Reserve Forest
	Chamorshi chak			242, 241, 240, 239, 238, 233, 234, 235, 232, 220, 219, 218, 215	43	21.66	Reserve Forest
	Wanki			222	751	0.22	Protected Forest
	Wasala			315	752	0.37	Protected Forest
	Thanegaon			140, 139, 127, 117	-	13.16	Big Tree Forest
Total Forest Area (in ha.)						328.78	

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Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
B) Bramhapuri Forest Division							
laying of 800 KV HV D/C	Awalgaon	Bramhapuri	Chandrapur	314	1144	0.2852	Protected Forest
				793, 777, 833, 792, 790, 791	1138	13.4222	Protected Forest
Raigarh-Pugalur Transmission Line				775, 741, 765	-	0.3353	Zudpi Jungle
	Halda			572, 168	1146	12.3064	Protected Forest
				467	1145	3.5807	Protected Forest
	Chak Kosambi			68	751	4.9119	Protected Forest
	Bodada			34, 30, 10	1168	9.3860	Protected Forest
	Ballarpur Mal			144	1165	0.0973	Protected Forest
				146, 145, 139, 142	1167	0.8918	Protected Forest
	Kudesaoili			281	1172	0.0813	Protected Forest
	Bodegaon			207		0.4998	Unclass Forest
				188	1189	0.4312	Protected Forest
Total Forest Division (in ha.)						46.2291	
Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
C) Chandrapur Forest Division							
laying of 800 KV HV D/C	Khanabad Chak	Saoli	Chandrapur	110, 111	-	0.043	Zudpi Jungle
Raigarh-Pugalur Transmission Line	Karoli			347, 287, 300	1435	2.908	Protected Forest
				316	1437	0.764	Protected Forest
				414		0.184	Zudpi Jungle
	Gewara BK				153	9.060	Reserve Forest
				198	1441	1.882	Protected Forest
				114, 115	1443	0.714	Zudpi Jungle
				116, 76		0.515	Zudpi Jungle
	Gewara KH			159		0.173	Zudpi Jungle
	Vihirgaon			198	1461	5.276	Protected Forest
	Chikli				156	1.826	Reserve Forest
				353	292	8.900	Reserve Forest
	Nifandra			498, 401		1.178	Protected Forest
				470	1476	3.426	Protected Forest
				355	1478	0.981	Protected Forest
				353, 284, 273		0.799	Zudpi Jungle
					157	1.180	Reserve Forest
	Antargaon			603, 627		0.157	Zudpi Jungle
	Antargaon Tola			289, 297		0.072	Zudpi Jungle
	Nimgaon			483, 462, 463, 346, 44, 43		3.919	Zudpi Jungle

(54)

	Vichora			4		0.125	Zudpi Jungle
	Tukdeo						
	Mokala			242		0.405	Zudpi Jungle
	Ambora			128		0.209	Protected Forest
				1		0.161	Zudpi Jungle
	Keroda			306, 309, 250, 252		2.981	Protected Forest
				210		0.131	Zudpi Jungle
	Kondekhal Rai			31		0.066	Zudpi Jungle
	Jam Bujruk			86	1549	0.779	Zudpi Jungle
				179	1546	0.441	Zudpi Jungle
				193, 194, 181, 176, 178, 175		2.235	Zudpi Jungle
	Jibgaon			469, 413		0.520	Zudpi Jungle
	Kavathi			222		0.434	Zudpi Jungle
	Pardi			332, 327, 291, 264, 265, 235		0.377	Zudpi Jungle

Total Forest Area (in ha.)

52.821

Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status				
D] Central Chanda Forest Division											
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Junasurla	Mul	Chandrapur	1180, 783, 662	-	0.274	Zudpi Jungle				
	Bembal			781, 782, 601	-	0.344					
	Chak Tarada	Gondpipari		9, 24, 28	-	0.744					
	Dongargaon			154, 155	-	0.296					
	Chak Darur			320	-	0.699					
	Chak Navegaon			59	-	0.059					
	Ganesh Pipari			161	-	0.722					
	Hiwara			208	-	0.113					
	Fulora			8	-	1.097					
	Surgaon			160	-	0.088					
	Pipari Tukum			77, 116	-	0.413					
	Total:							4.849			
	Grand Total (A + B+ C + D) Area (in ha.)							432.6791			

The legal status & diversion wise abstract of proposed forest area (I+II+III+IV) is under:-

Sr. No.	Name of Divisions	Number of villages	Legal Status	Area (ha)
1	Wadsa Forest Division	39	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	328.78
2	Bramhapuri Forest Division	7	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	46.2291
3	Chandrapur Forest Division	19	Reserved Forest/ Protected Forest/Zudpi Jungle	52.821
4	Central Chanda Forest Division	11	Zudpi Jungle	4.849
Grand Total		76		432.6791

The proposal is initiated by the Deputy General Manager, Power Grid, Bramhapuri for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh - Pugalur transmission line passing through the forest area in total 79 villages of four Forest Divisions, in Chandrapur and Gadchiroli, District in Maharashtra State. The aforesaid project is being constructed to evacuate bulk Power from Chhattisgarh and to improve and strengthen the power System and overall power scenario of Southern Parts of India. The total non-forest land involved in the project is 997.853 ha. The cost benefit ratio for the project is 41:1.

For implementation of the proposed project, three alternative routes have been explored for minimizing the involvement of forest land and accordingly the proposed route-I, involving minimum forest has been selected. During the selection of route for \pm 800 KV HVDC emphasis was given to align the route through non forest land and where ever it was not possible to avoid the forest land, the line is route through minimum forest land. The length of BEE line connecting both the sub-station at Raigarh and Pugalur is 1838 km. In Maharashtra State the portion of the route length of alternative I, II & III are approximately 209.787, 211.175, 225.75 km respectively. The length of proposed route i.e. Alternative Route-I is the least as compared to the length of Route-II & Route III, also the involvement of forest land is minimum in Route-I i.e. Total 432.6791 ha. forest land could not be avoided due to various constraints.

The comparative statement showing forest land involvement in all the three alternative routes is as under:-

Alternative routes	Route Length (in km)	Route length in forest area (in km)	Forest land involved (in ha)	Reason for route selection or rejection
Route-I	209.787	67.390	432.671	Route I Selected as minimum forest land is involved (432.6791 ha.)
Route-II	211.175	72.30	498.87	
Route-III	225.75	79.50	548.55	

The project is sanctioned by Government of India, Ministry of Central Electricity Regulatory Commission, vide order No. 52/11 (PGCIL)/2015-PSP & PA-II, dt. 24-29/09/2015. The Site inspection reports by (i) The Deputy Conservator of Forests, Gadchiroli Forest Division, Gadchiroli enclosed on page no. 35 to 37 (ii) The Divisional Forest Officer, Chandrapur Forest Division, Chandrapur enclosed on page no. 41 to 49 (iii) The Deputy Conservator of Forests, Wadsa Forest Division, Wadsa is enclosed on page

no.155 to 159 and (iv) The Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri is enclosed on page no.160 to 162 and (v) The Chief Conservator of Forest, (T) Gadchiroli is enclosed on page no. 44 to 46 (vi) The Chief Conservator of Forest, (T) Chandrapur is enclosed on page no.41 to 43.

- 2) The Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur has certified area belongs to Eco Value-III and having density open forest below 0.4, (ii) the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur has certified that the area belongs to Eco Value-III and having density open forest below 0.4, (iii) the Deputy Conservator of Forests, Wadsa Forest Division, Wadsa has certified area belongs to Eco value-III having density Dense Forest 0.4 and above, (iv) the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri has certified that the area belongs to Eco value-III and having density Open Forest 0.1 to 0.4.
- 3) The District Collector, Chandrapur, Gadchiroli has certified that all other alternate for the purpose have been explored and the demand for the forest land is the barest minimum demand.
- 4) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the required forest land is not available other than forest land the alternate alignment is not possible and the forest land required is the barest minimum.
- 5) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, have certified that the proposed project is beyond 10 km of the boundary of the Protected area (National Park & Wildlife Sanctuary).
- 6) The Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur has certified that the proposed project is 9.857 kms from the boundary of the Chaprala Wildlife Sanctuary.
- 7) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the area involved is not included in the area of any existing National Park, Wild life Sanctuary, National Reserve etc.

- 8) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that there is no violation of Forest (Conservation) Act, 1980.
- 9) The Assistant Director, Department of Archaeology, Maharashtra State, Nagpur, the Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the area involved does not affect any monument site of cultural, historical, religious, archeological or recreational importance.
- 10) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that non-forest area covered under the project is not under the provision of Maharashtra Private Forest (Acquisition) Act 1975 by virtue of application of Section 35 of Indian Forest Act 1927 and are not recognized as deemed reserved forest as well as not included in the area identified as "forest" as per dictionary meaning of forest as intimated to the expert committee appointed under interim judgment of the Hon'ble Supreme Court dated 12/12/1996.
- 11) The Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri has given suitability for (i) 128.00 ha. degraded forest area in Comptt. no.763, 238 of village Pardi Thaware in Range Nagbhi and Sindewahi in Dist. Bramhapuri. ~~The Divisional Forest Officer, Chandrapur Forest Division, Chandrapur has given suitability for (ii) 552.00 ha. degraded forest area in Comptt. no.518, 1800, 1713, 157, 1461P, 201, 907, 899, 2, 1, 5, 10, 12, 14B of Village Chandrapur, Saoli, Bhadravati, and Warora in Range Morva, Saoli, Pathari, Vyahd, Masad, Tembhurda, and Dahegaon, in Dist. Chandrapur.~~ (iii) The Deputy Conservator of Forests, Central Chanda Forest Division, Chandrapur has given suitability for 186.00 ha. degraded forest area in Compartt. No.586, 543, 589 of village Borghat, Bembal, Ghosari, in Round Ghosari in Beat Navegaon (Bhujla), Pipari Dixit, Ghosari, Dist. Chandrapur and is contiguous and suitable for management purpose and it is free from encroachment and encumbrances.

- 12) The project involves felling of 47061 trees of various species and girth class. The details of girth class-wise break up is as under-

Wadsa Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	1849	7120	7794	5194	4034	2935	3616	1296	2733	36571

Bramhapuri Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	107	5165	1162	294	116	97	56	23	91	7111

Chandrapur Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	1333	1297	276	117	108	55	54	29	110	3379

- 13) The User Agency has agreed to defray the cost of compensatory afforestation on degraded forest land.
- 14) The User Agency has submitted an undertaking to defray the cost of Net Present Value of the proposed forest land for diversion.
- 15) The User Agency has agreed to bear the cost of clearance / removal of trees.
- 16) As the proposed project transmission line passes through the deemed Eco-Sensitive Zone of Chaprala Wildlife Sanctuary, the Principal Chief Conservator of Forests (Wildlife) Maharashtra State has given his comments (copy enclosed) that the power transmission line projects do not come under the purview of MoEF & CC Notification dated 14th September 2006. Therefore, as per the guidelines of MoEF & CC dated 19th December, 2012 for activities in wildlife habitat are not applicable. The area is however abundant in wildlife. It also comes under the corridor of Tadoba Andhari Tiger Reserve and Chaprala Wildlife Sanctuary protected areas. He has given his consent to the suggestions of Dr. Bilal Habib of Wild life Institute of India which are as under:-
- Increase the height of the lowest conductor from 18 mts to 24 mts throughout.
 - Install 'Bird reflectors' at appropriate places.

He has further stated that the same would be enough to address the likely adverse impact on wildlife. However, during erection and construction of transmission line, the Project Authority should adhere to condition and regulation laid down in Noise pollution and (Regulation & Control) rules and amendment rule 2011. Accordingly, the User Agency has submitted an undertaking and the same is enclosed in the proposal.

- 17) The User Agency has submitted the undertaking that certificates of Collector, Chandrapur and Collector, Gadchiroli under Schedule Tribes and Other Traditional Forest Dweller's (Recognition of Forest Rights) Act 2006 and the same is under process and shall be submitted before in-principle approval.
- 18) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have and the Chief Conservator of Forests, (T) Gadchiroli and the Chief Conservator of Forests (T), Chandrapur have recommended the proposal for diversion of 432.6791 ha. of forest land.

In view of this, the proposal is recommended for approval under section - 2 (ii) of Forest (Conservation) Act, 1980 subject to the following conditions: –

- i) The legal status of the land required will remain unchanged.
- ii) Compensatory afforestation will be raised at the cost of the User Agency on 866.00 degraded forest land (i) 128.00 ha. degraded forest area in Comptt. no.763, 238 of village Pardi Thaware in Range Nagbhi and Sindewahi in Dist. Bramhapuri (ii) 552.00 ha. degraded forest area in Comptt. no.518, 1800, 1713, 157, 1461P, 201, 907, 899, 2, 1, 5, 10, 12, 14B of Village Chandrapur, Saoli, Bhadravati, and Warora in Range Morva, Saoli, Pathari, Vyahd, Masad, Tembhurda, and Dahegaon, in Dist. Chandrapur (iii) 186.00 ha. degraded forest area in Compartt. No.586, 543, 589 of village Borghat, Bembal, Ghosari, in Round Ghosari in Beat Navegaon (Bhujla), Pipari Dixit, Ghosari, Dist. Chandrapur.
- iii) The User Agency will defray the cost of Net Present Value of 432.6791 ha. of forest land as per the latest guidelines of the Government of India.
- iv) The User Agency will defray the additional cost of Net Present Value of forest land as per the latest guidelines of Government of India.
- v) The forest land shall not be used for any purpose other than specified in the project.
- vi) The User Agency will pay the cost of survey, demarcation and erection of the permanent pillars on the non-forest land made available by the User Agency.
- vii) The User Agency will defray the cost of removal of 47061 trees in the area falling in diversion. The user agency shall pay the cost for afforestation of saplings 5 times number trees to be felled under the project at the site decided by the Chief Conservator of Forests (T) Gadchiroli/ the Chief Conservator of Forests (T) Chandrapur and the Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri, the Deputy Conservator of Forests, Central Chanda Forest Division, Chandrapur and the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur in the rainy season of 2018. Feasibility to transplant young trees shall also be explored and the Dy.CFs shall explore this possibility with the user agency and decide the spot for transplanting suitable trees atleast 10 % separately marked in consultation with FDCM.
- viii) Width of right of way for the transmission line shall be limited to 69 m.
- ix) All conditions as stipulated in the guidelines under Forest (Conservation) Act, 1980 shall be strictly followed.

- x) To minimize the felling for construction of transmission line, user agency shall comply with the following guidelines:-
- a) Below each conductor, width clearance of 10 mts. would be permitted for carrying the tension stringing equipment. The trees on such strips may be felled but after stringing work is completed, the natural regeneration will be allowed to come up.
 - b) One outer strip may be left clear to permit maintenance of the transmission line;
 - c) In the remaining width the right of way felling/pollarding /pruning of trees will be done with the permission of the local forest officer whenever necessary to maintain the electrical clearance, trees shall be allowed to be felled or lopped to the extent required, for preventing electrical hazards by maintaining the minimum 10.6 meter clearance between conductors and trees. The sag and swing of the conductors are to be kept in view while working out the minimum clearance mentioned as above;
 - d) User Agency in consultation with the State Forest Department prepare detailed scheme for creation and maintenance of plantation of local dwarf species (preferably medicinal Plants) in right of way under the transmission line, and provide funds for execution of the said scheme to the State Forest Department; and
 - e) In case a portion of the transmission lines to be constructed is located in hilly areas, where adequate clearance is already available, trees shall not be cut;
 - f) The User Agency will approach FDCM for felling/transplant of trees.
- xi) The layout plan of the proposal shall not be changed without the prior approval of the Central Government;
- xii) The user agency in consultation with the Forest Department shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;
- xiii) No labour camp shall be established on the forest land;
- xiv) The User Agency shall provide firewood preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
- xv) The User Agency shall ensure that because of this project. No damage is caused to the wildlife available in the area;
- xvi) The user agency shall obtain the certificate of Collectors, under Schedule Tribes and Other Traditional Forest Dweller's (Recognition of Forest Rights) Act 2006 for 432.6791 ha forest land proposed for diversion before in-principle approval.
- xvii) As the proposed project comes under the corridor of Tadoba Andhari Tiger Reserve and Chaprala Wildlife Sanctuary protected areas. The Project Authority will incorporate the suggestions of Dr. Bilal Habib of Wild life Institute of India in the proposal to address the likely adverse impact on wildlife:-
- a. Increase the height of the lowest conductor from 18 mts to 24 mts throughout.
 - b. Install 'Bird reflectors' at appropriate places.
- xviii) During erection and construction of transmission line, the Project Authority should adhere to condition and regulation laid down in Noise pollution and (Regulation & Control) rules and amendment rule 2011.
- xix) The proposed diversion of forest land for the project will be confined to 432.6791 ha. only.

- xx) The user agency shall install circuit breakers at suitable places besides maintaining necessary ground clearance to prevent electrocution of wild animals;
- xxi) All necessary precautions should be taken to protect the area from fire.
- xxii) All other conditions as may be mandatory under relevant Acts, Rules and guidelines shall be complied with by the user agency.



**Principal Chief Conservator of Forests
(Head of Forest Force)
Maharashtra State, Nagpur**

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (HEAD OF FOREST FORCE), MAHARASHTRA STATE, NAGPUR

ADDITIONAL PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND NODAL OFFICER, MAHARASHTRA STATE, NAGPUR,
First Floor, 'B' Wing, Van Bhavan, Civil Lines, Nagpur-440001.

Tel no. (0712) 2530166, 2556916, Fax no. (0712) 2550675 E-mail- apccfnodal@mahaforest.gov.in

Sub:- Proposal for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 39 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda, Forest Division in Maharashtra State.

No. : Desk-17/NC/II.D- / 428/18-19
Nagpur - 440 001, Dated : 23/5/2018

To,
The Secretary (Forests),
Revenue & Forest Department,
Mantralya,
Mumbai - 400032.

The proposal is initiated by Executive the Deputy General Manager, Power Grid, Bramhapuri has submitted proposal for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 39 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda, Forest Division in Maharashtra State. The details of forest land proposed for diversion is as given below: -

Item of Work purpose	Village	Taluka	District	Survey no. / Gut no.	Compt. No.	Area (in Ha.)	Legal Status
A] Wadsa Forest Division							
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Alitola	Korchi	Gadchiroli	134, 137, 138, 140, 157, 130, 176, 177, 175, 147, 179	1406	7.58	Protected Forest
				191, 273	-	0.18	Zudpi Jungle
	Tekabedal			18	-	0.22	Zudpi Jungle
	Bethkathi			329	1397	0.91	Protected Forest
				217, 212	1398	1.68	Protected Forest
				35,51		0.27	Unclass Forest
	Zagodwahi			112, 114, 123, 124	1393	2.53	Protected Forest
	Gahanegata			167, 72, 84	-	0.73	Unclass Forest
	Jamnara			207	-	0.56	Zudpi Jungle
	Kohaka			154, 9		0.68	Unclass Forest

Wadgaon Alis Ganeshpur				26, 27, 28, 25	1358	0.65	Protected Forest
				17	-	0.12	Protected Forest
				99	-	0.42	Unclass Forest
				135	-	0.20	Zudpi Jungle
				76, 80, 97, 89	1343	3.25	Protected Forest
Belgaon Kukdail				82	1344	1.14	Protected Forest
				151, 150, 8	1342	6.01	Protected Forest
				16, 17	499	1.01	Reserve Forest
				18	488	6.47	Reserve Forest
				57, 56, 54, 51, 52, 53	1337	3.15	Protected Forest
				30, 26	1336	1.28	Protected Forest
				194, 186, 8, 201	1340	4.77	Protected Forest
				114, 118, 115	1319	9.46	Protected Forest
				117	482	2.70	Reserve Forest
				34, 38, 37, 39, 36, 20, 22, 21, 40, 25	456	4.98	Reserve Forest
				18	483	12.05	Reserve Forest
				19	484	0.08	Reserve Forest
					457	19.51	Reserve Forest
					455	13.52	Reserve Forest
					449	11.66	Reserve Forest
Dawandi Tutekanhar Chilamtola Temli Gadheli Zankargondi Unsurved Unsurved Jamtola Wagdhara Alis Gowarhudki Purada Bhategaon			Kurkheda		450	11.67	Reserve Forest
				41, 32, 33,	242	14.25	Reserve Forest
				35, 34	1064	0.98	Protected Forest
				20, 19, 18, 16, 17	1063	1.49	Protected Forest
				1		0.02	Protected Forest
				117, 114, 115, 106/2, 116, 127, 128, 98, 96	1061	9.99	Protected Forest
				54, 51	-	0.46	Zudpi Jungle
				47	-	0.68	Unclass Forest
				46, 49, 51, 52, 55, 54	1037	7.70	Protected Forest
				83, 82, 100, 99, 98	1025	5.85	Protected Forest

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				111, 112, 113, 142	1026	0.86	Protected Forest
				187	1027	0.05	Protected Forest
				196	1028	0.73	Protected Forest
	Yedapur			88, 86, 81, 82	1083	2.38	Protected Forest
				134, 135, 52, 51, 77, 76	256	5.73	Reserve Forest
				59, 57	1081	1.96	Protected Forest
					1081	0.21	Protected Forest
	Sonpur			35, 34, 33, 32, 31, 29, 30, 26, 18, 22, 19, 20, 26, 9	208	6.71	Reserve Forest
					209	1.64	Reserve Forest
				9	204	0.78	Reserve Forest
					204	1.84	Reserve Forest
	Andhli			----	205	2.04	Reserve Forest
				33, 26, 18, 16, 22, 17	1022	5.57	Protected Forest
				19, 23	1023	1.00	Protected Forest
	Chandagad			11, 16	1122	1.11	Protected Forest
				44	1124	4.66	Protected Forest
	Chinegaon			113	1129	0.04	Protected Forest
				38,	1126	0.54	Protected forest
				91, 92, 93, 94,	1127	2.54	Protected Forest
				46	-	0.06	Zudpi Jungle
	Palasgaon			146	-	0.10	Protected Forest
				144	1130	0.02	Protected Forest
				143, 132, 1, 2		1.63	Unclass Forest
				55, 57, 56	1131	1.95	Protected Forest
	Chandona			133, 137, 136	283	2.45	Reserve Forest
				131, 126	284	6.42	Reserve Forest
				124, 121	1115	2.20	Protected Forest
	Shivni			295, 300, 214, 303	1115	2.05	Protected Forest
				293, 292	1576	0.73	Protected Forest
				260	-	0.87	Unclass Forest

			256, 257, 349, 43	-	0.64	Zudpi Jungle
			368, 14, 16	1117	1.83	Protected Forest
			296, 302	1116	0.64	Protected Forest
	Dongargaon		56, 76, 75, 48, 49, 54, 53, 52, 45, 55, 51, 46, 50	289	6.52	Reserve Forest
	Kadholi		422	-	0.18	Protected forest
			423, 440, 439, 438, 435, 433, 458, 452, 454, 455, 457, 456, 515	1140	14.20	Protected Forest
	Jambli		205, 188	-	2.00	Unclass Forest
			204, 189	-	0.50	Zudpi Jungle
			39	-	1.16	Protected Forest
	Sawalkheda		310	-	3.23	Protected Forest
			294	-	0.32	Zudpi Jungle
	Karadi		191, 190	735	1.01	Reserve Forest
	Patanwada	Armori	108, 109	735	0.94	Protected Forest
			112, 111, 114, 113	736	1.38	Protected Forest
				737	0.96	Protected Forest
			74, 75, 73, 18, 13	737	3.69	Protected Forest
			49, 67		0.44	Protected Forest
	Vairagad		537, 548, 547, 465, 417, 374, 463	740	8.32	Protected Forest
			535	741	0.44	Protected Forest
			209	744	1.86	Protected Forest
	Unsurved			44	13.38	Reserve Forest
	Chamorshi chak		242, 241, 240, 239, 238, 233, 234, 235, 232, 220, 219, 218, 215	43	21.66	Reserve Forest
	Wanki		222	751	0.22	Protected Forest
	Wasala		315	752	0.37	Protected Forest
	Thanegaon		140, 139, 127, 117	-	13.16	Big Tree Forest
Total Forest Area (in ha.)					328.78	

Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
B) Bramhapuri Forest Division							
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Awalgaon	Bramhapuri	Chandrapur	314	1144	0.2852	Protected Forest
				793, 777, 833, 792, 790, 791	1138	13.4222	Protected Forest
				775, 741, 765	-	0.3353	Zudpi Jungle
	Halda			572, 168	1146	12.3064	Protected Forest
				467	1145	3.5807	Protected Forest
	Chak Kosambi			68	751	4.9119	Protected Forest
	Bodada			34, 30, 10	1168	9.3860	Protected Forest
	Ballarpur Mal			144	1165	0.0973	Protected Forest
				146, 145, 139, 142	1167	0.8918	Protected Forest
	Kudesaoili			281	1172	0.0813	Protected Forest
	Bodegaon			207		0.4998	Unclass Forest
				188	1189	0.4312	Protected Forest
Total Forest Division (in ha.)						46.2291	

Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
C) Chandrapur Forest Division							
laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Khanabad Chak	Saoli	Chandrapur	110, 111	-	0.043	Zudpi Jungle
	Karoli			347, 287, 300	1435	2.908	Protected Forest
				316	1437	0.764	Protected Forest
				414		0.184	Zudpi Jungle
	Gewara BK				153	9.060	Reserve Forest
				198	1441	1.882	Protected Forest
				114, 115	1443	0.714	Zudpi Jungle
				116, 76		0.515	Zudpi Jungle
	Gewara KH			159		0.173	Zudpi Jungle
	Vihirgaon			198	1461	5.276	Protected Forest
	Chikli				156	1.826	Reserve Forest
				353	292	8.900	Reserve Forest
	Nifandra			498, 401		1.178	Protected Forest
				470	1476	3.426	Protected Forest

				355	1478	0.981	Protected Forest
				353, 284, 273		0.799	Zudpi Jungle
					157	1.180	Reserve Forest
	Antargaon			603, 627		0.157	Zudpi Jungle
	Antargaon Tola			289, 297		0.072	Zudpi Jungle
	Nimgaon			483, 462, 463, 346, 44, 43		3.919	Zudpi Jungle
	Vichora Tukdeo			4		0.125	Zudpi Jungle
	Mokala			242		0.405	Zudpi Jungle
	Ambora			128		0.209	Protected Forest
				1		0.161	Zudpi Jungle
	Keroda			306, 309, 250, 252		2.981	Protected Forest
				210		0.131	Zudpi Jungle
	Kondekhal Rai			31		0.066	Zudpi Jungle
	Jam Bujruk			86	1549	0.779	Zudpi Jungle
				179	1546	0.441	Zudpi Jungle
				193, 194, 181, 176, 178, 175		2.235	Zudpi Jungle
	Jibgaon			469, 413		0.520	Zudpi Jungle
	Kavathi			222		0.434	Zudpi Jungle
	Pardi			332, 327, 291, 264, 265, 235		0.377	Zudpi Jungle

Total Forest Area (in ha.)

52.821

Item of Work purpose	Village	Taluka	District	Survey no. /Gut no.	Compt. No.	Area (in Ha.)	Legal Status
D] Central Chanda Forest Division							
Laying of 800 KV HV D/C Raigarh-Pugalur Transmission Line	Junasurla	Mul	Chandrapur	1180, 783, 662	-	0.274	Zudpi Jungle
	Bembal	Gondpipari		781, 782, 601	-	0.344	
	Chak Tarada			9, 24, 28	-	0.744	
	Dongargaon			154, 155	-	0.296	
	Chak Darur			320	-	0.699	
	Chak Navegaon			59	-	0.059	
	Ganesh Pipari			161	-	0.722	
	Hiwara			208	-	0.113	
	Fulora			8	-	1.097	
	Surgaon			160	-	0.088	
	Pipari Tukum			77, 116	-	0.413	
	Total:					4.849	
Grand Total (A + B+ C + D) Area (in ha.)						432.6791	

The legal status & diversion wise abstract of proposed forest area (I+II+III+IV) is under:-

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Sr. No.	Name of Divisions	Number of villages	Legal Status	Area (ha)
1	Wadsa Forest Division	39	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	328.78
2	Bramhapuri Forest Division	7	Unclassified forest/Reserved Forest/ Protected Forest/Zudpi Jungle	46.2291
3	Chandrapur Forest Division	19	Reserved Forest/ Protected Forest/Zudpi Jungle	52.821
4	Central Chanda Forest Division	11	Zudpi Jungle	4.849
Grand Total		79		432.6791

The proposal is initiated by the Deputy General Manager, Power Grid, Bramhapuri for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh - Pugalur transmission line passing through the forest area in total 79 villages of four Forest Divisions, in Chandrapur and Gadchiroli, District in Maharashtra State. The aforesaid project is being constructed to evacuate bulk Power from Chhattisgarh and to improve and strengthen the power System and overall power scenario of Southern Parts of India. The total non-forest land involved in the project is 997.853 ha. The cost benefit ratio for the project is 41:1.

For implementation of the proposed project, three alternative routes have been explored for minimizing the involvement of forest land and accordingly the proposed route-I, involving minimum forest has been selected. During the selection of route for \pm 800 KV HVDC emphasis was given to align the route through non forest land and where ever it was not possible to avoid the forest land, the line is route through minimum forest land. The length of BEE line connecting both the sub-station at Raigarh and Pugalur is 1838 km. In Maharashtra State the portion of the route length of alternative I, II & III are approximately 209.787, 211.175, 225.75 km respectively. The length of proposed route i.e. Alternative Route-I is the least as compared to the length of Route-II & Route III, also the involvement of forest land is minimum in Route-I i.e. Total 432.6791 ha. forest land could not be avoided due to various constraints.

The comparative statement showing forest land involvement in all the three alternative routes is as under:-

Alternative routes	Route Length (in km)	Route length in forest area (in km)	Forest land involved (in ha)	Reason for route selection or rejection
Route-I	209.787	67.390	432.671	Route I Selected as minimum forest land is involved (432.6791 ha.)
Route-II	211.175	72.30	498.87	
Route-III	225.75	79.50	548.55	

The project is sanctioned by Government of India, Ministry of Central Electricity Regulatory Commission, vide order No. 52/11 (PGCIL)/2015-PSP & PA-II, dt. 24-29/09/2015. The Site inspection reports by (i) The Deputy Conservator of Forests, Gadchiroli Forest Division, Gadchiroli enclosed on page no. 35 to 37 (ii) The Divisional Forest Officer, Chandrapur Forest Division, Chandrapur enclosed on page no. 41 to 49 (iii) The Deputy Conservator of Forests, Wadsa Forest Division, Wadsa is enclosed on page no.155 to 159 and (iv) The Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri is enclosed on page no.160 to 162 and (v) The Chief Conservator of Forest, (T) Gadchiroli is enclosed on page no. 44 to 46 (vi) The Chief Conservator of Forest, (T) Chandrapur is enclosed on page no.41 to 43.

Following documents as prescribed in Government Circular, Revenue and Forest Department No.FLD-1081/2041/(A)/F-3, dated 20/03/1982 and according to Government of India's instructions issued from time to time are enclosed in three copies.

- 1) Prescribed form dated 10/01/2003.
- 2) Certificate regarding minimum demand of forest land for the project,
- 3) Area Statement,
- 4) Index map in suitable scale,
- 5) The Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur has certified area belongs to Eco Value-III and having density open forest below 0.4, (ii) the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur has certified that the area belongs to Eco Value-III and having density open forest below 0.4, (iii) the Deputy Conservator of Forests, Wadsa Forest Division, Wadsa has certified area belongs to Eco value-III having density Dense Forest 0.4 and above, (iv) the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri has certified that the area belongs to Eco value-III and having density Open Forest 0.1 to 0.4.
- 6) The District Collector, Chandrapur, Gadchiroli has certified that all other alternate for the purpose have been explored and the demand for the forest land is the barest minimum demand.
- 7) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the required forest land is not available other than forest land the alternate alignment is not possible and the forest land required is the barest minimum.
- 8) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur

Forest Division, Chandrapur, have certified that the proposed project is beyond 10 km of the boundary of the Protected area (National Park & Wildlife Sanctuary).

- 9) The Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur has certified that the proposed project is 9.857 kms from the boundary of the Chaprala Wildlife Sanctuary.
- 10) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the area involved is not included in the area of any existing National Park, Wild life Sanctuary, National Reserve etc.
- 11) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that there is no violation of Forest (Conservation) Act, 1980.
- 12) The Assistant Director, Department of Archaeology, Maharashtra State, Nagpur, the Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that the area involved does not affect any monument site of cultural, historical, religious, archeological or recreational importance.
- 13) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have certified that non-forest area covered under the project is not under the provision of Maharashtra Private Forest (Acquisition) Act 1975 by virtue of application of Section 35 of Indian Forest Act 1927 and are not recognized as deemed reserved forest as well as not included in the area identified as "forest" as per dictionary meaning of forest as intimated to the expert committee appointed under interim judgment of the Hon'ble Supreme Court dated 12/12/1996.
- 14) The Deputy Conservator of Forests, Brahmapuri Forest Division, Bramhapuri has given suitability for (i) 128.00 ha. degraded forest area in Comptt. no.763, 238 of village Pardi Thaware in Range Nagbhi and Sindewahi in Dist. Bramhapuri. The Divisional Forest Officer, Chandrapur Forest Division, Chandrapur has given suitability for (ii) 552.00 ha. degraded forest area in Comptt. no.518, 1800, 1713, 157, 1461P, 201, 907, 899, 2, 1, 5, 10, 12, 14B of Village Chandrapur, Saoli, Bhadravati, and Warora in Range Morva, Saoli, Pathari, Vyahd, Masad, Tembhurda, and Dahegaon, in Dist. Chandrapur. (iii) The Deputy Conservator of

Forests, Central Chanda Forest Division, Chandrapur has given suitability for 186.00 ha degraded forest area in Compartt. No.586, 543, 589 of village Borghat, Bembal, Ghosari, in Round Ghosari in Beat Navegaon (Bhujla), Pipari Dixit, Ghosari, Dist. Chandrapur and is contiguous and suitable for management purpose and it is free from encroachment and encumbrances.

- 15) The project involves felling of 47061 trees of various species and girth class. The details of girth class-wise break up is as under-

Wadsa Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	1849	7120	7794	5194	4034	2935	3616	1296	2733	36571

Bramhapuri Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	107	5165	1162	294	116	97	56	23	91	7111

Chandrapur Forest Division										
Girth	0/30 cm.	31/45 cm.	46/60 cm.	61/75 cm.	76/90 cm.	91/105 cm.	106/135 cm.	136/150 cm.	Above 151 cm.	Total
Total	1333	1297	276	117	108	55	54	29	110	3379

- 15) The User Agency has agreed to defray the cost of compensatory afforestation on degraded forest land.
- 16) The User Agency has submitted an undertaking to defray the cost of Net Present Value of the proposed forest land for diversion.
- 17) The User Agency has agreed to bear the cost of clearance / removal of trees.
- 18) As the proposed project transmission line passes through the deemed Eco-Sensitive Zone of Chaprala Wildlife Sanctuary, the Principal Chief Conservator of Forests (Wildlife) Maharashtra State has given his comments (copy enclosed) that the power transmission line projects do not come under the purview of MoEF & CC Notification dated 14th September 2006. Therefore, as per the guidelines of MoEF & CC dated 19th December, 2012 for activities in wildlife habitat are not applicable. The area is however abundant in wildlife. It also comes under the corridor of Tadoba Andhari Tiger Reserve and Chaprala Wildlife Sanctuary protected areas. He has given his consent to the suggestions of Dr. Bilal Habib of Wild life Institute of India which are as under:-
- Increase the height of the lowest conductor from 18 mts to 24 mts throughout.
 - Install 'Bird reflectors' at appropriate places.

He has further stated that the same would be enough to address the likely adverse impact on wildlife. However, during erection and construction of transmission line, the Project Authority should adhere to condition and regulation laid down in Noise pollution and

(Regulation & Control) rules and amendment rule 2011. Accordingly, the User Agency has submitted an undertaking and the same is enclosed in the proposal.

- 19) The User Agency has submitted the undertaking that certificates of Collector, Chandrapur and Collector, Gadchiroli under Schedule Tribes and Other Traditional Forest Dweller's (Recognition of Forest Rights) Act 2006 and the same is under process and shall be submitted before in-principle approval.
- 20) The Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri, the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur, the Deputy Conservator of Forest, Central Chanda Forest Division, Chandrapur have and the Chief Conservator of Forests, (T) Gadchiroli and the Chief Conservator of Forests (T), Chandrapur have recommended the proposal for diversion of 432.6791 ha. of forest land.

In view of this, the proposal is recommended for approval under section 2 (ii) of Forest (Conservation) Act, 1980 subject to the following conditions.

- i) The legal status of the land required will remain unchanged.
- ii) Compensatory afforestation will be raised at the cost of the User Agency on 866.00 degraded forest land (i) 128.00 ha. degraded forest area in Comptt. no.763, 238 of village Pardi Thaware in Range Nagbhi and Sindewahi in Dist. Bramhapuri (ii) 552.00 ha. degraded forest area in Comptt. no.518, 1800, 1713, 157, 1461P, 201, 907, 899, 2, 1, 5, 10, 12, 14B of Village Chandrapur, Saoli, Bhadravati, and Warora in Range Morva, Saoli, Pathari, Vyahd, Masad, Tembhurda, and Dahegaon, in Dist. Chandrapur (iii) 186.00 ha. degraded forest area in Compartt. No.586, 543, 589 of village Borghat, Bembal, Ghosari, in Round Ghosari in Beat Navegaon (Bhujla), Pipari Dixit, Ghosari, Dist. Chandrapur.
- iii) The User Agency will defray the cost of Net Present Value of 432.6791 ha. of forest land as per the latest guidelines of the Government of India.
- iv) The User Agency will defray the additional cost of Net Present Value of forest land as per the latest guidelines of Government of India.
- v) The forest land shall not be used for any purpose other than specified in the project.
- vi) ~~The User Agency will pay the cost of survey, demarcation and erection of the permanent pillars on the non-forest land made available by the User Agency.~~
- vii) The User Agency will defray the cost of removal of 47061 trees in the area falling in diversion. The user agency shall pay the cost for afforestation of saplings 5 times number trees to be felled under the project at the site decided by the Chief Conservator of Forests (T) Gadchiroli/ the Chief Conservator of Forests (T) Chandrapur and the Deputy Conservator of Forest, Wadsa Forest Division, Wadsa, the Deputy Conservator of Forests, Bramhapuri Forest Division, Bramhapuri, the Deputy Conservator of Forests, Central Chanda Forest Division, Chandrapur and the Divisional Forest Officer, Chandrapur Forest Division, Chandrapur in the rainy season of 2018. Feasibility to transplant young trees shall also be explored and the Dy.CFs shall explore this possibility with the user agency and decide the spot for transplanting suitable trees atleast 10 % separately marked in consultation with FDCM.
- viii) Width of right of way for the transmission line shall be limited to 69 m.
- ix) All conditions as stipulated in the guidelines under Forest (Conservation) Act, 1980 shall be strictly followed.

- x) To minimize the felling for construction of transmission line, user agency shall comply with the following guidelines:-
- a) Below each conductor, width clearance of 10 mts. would be permitted for carrying the tension stringing equipment. The trees on such strips may be felled but after stringing work is completed, the natural regeneration will be allowed to come up.
 - b) One outer strip may be left clear to permit maintenance of the transmission line;
 - c) In the remaining width the right of way felling/pollarding /pruning of trees will be done with the permission of the local forest officer whenever necessary to maintain the electrical clearance, trees shall be allowed to be felled or lopped to the extent required, for preventing electrical hazards by maintaining the minimum 10.6 meter clearance between conductors and trees. The sag and swing of the conductors are to be kept in view while working out the minimum clearance mentioned as above;
 - d) User Agency in consultation with the State Forest Department prepare detailed scheme for creation and maintenance of plantation of local dwarf species (preferably medicinal Plants) in right of way under the transmission line, and provide funds for execution of the said scheme to the State Forest Department; and
 - e) In case a portion of the transmission lines to be constructed is located in hilly areas, where adequate clearance is already available, trees shall not be cut;
 - f) The User Agency will approach FDCM for felling/transplant of trees.
- xi) The layout plan of the proposal shall not be changed without the prior approval of the Central Government;
- xii) The user agency in consultation with the Forest Department shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;
- xiii) No labour camp shall be established on the forest land;
- xiv) The User Agency shall provide firewood preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
- xv) The User Agency shall ensure that because of this project. No damage is caused to the wildlife available in the area;
- xvi) The user agency shall obtain the certificate of Collectors, under Schedule Tribes and Other Traditional Forest Dweller's (Recognition of Forest Rights) Act 2006 for 432.6791 ha forest land proposed for diversion before in-principle approval.
- xvii) As the proposed project comes under the corridor of Tadoba Andhari Tiger Reserve and Chaprala Wildlife Sanctuary protected areas. The Project Authority will incorporate the suggestions of Dr. Bilal Habib of Wild life Institute of India in the proposal to address the likely adverse impact on wildlife:-
- a. Increase the height of the lowest conductor from 18 mts to 24 mts throughout.
 - b. Install 'Bird reflectors' at appropriate places.
- xviii) During erection and construction of transmission line, the Project Authority should adhere to condition and regulation laid down in Noise pollution and (Regulation & Control) rules and amendment rule 2011.
- xix) The proposed diversion of forest land for the project will be confined to 432.6791 ha. only.

- xx) The user agency shall install circuit breakers at suitable places besides maintaining necessary ground clearance to prevent electrocution of wild animals;
- xxi) All necessary precautions should be taken to protect the area from fire.
- xxii) All other conditions as may be mandatory under relevant Acts, Rules and guidelines shall be complied with by the user agency.

It is therefore, requested that Government of India may kindly be moved for approving the proposal for diversion of 432.6791 ha. forest land under Forest (Conservation) Act, 1980 for laying of \pm 800 KV HV D/C Raigarh-Pugalur transmission line passing through the forest area in total 76 villages of four Forest Divisions (i) 42 villages in Gadchiroli, District of Wadsa Forest Division, (ii) 7 villages in Chandrapur, District of Bramhapuri Forest division, (iii) 19 villages in Chandrapur, District of Chandrapur Forest Division, and (iv) 11 villages in Chandrapur, District of Central Chanda, Forest Division in Maharashtra State, under section 2 (ii) of the Forest (Conservation) Act, 1980.

Encl. :- Proposal 3 copies

(G.Sai Prakash)

Addl. Principal Chief Conservator of Forests
& Nodal Officer,
Maharashtra State, Nagpur.

Copy to The Chief Conservator of Forests (T), Chandrapur, Gadchiroli for information.

Copy to The Deputy Conservator of Forest, Wadsa, Bramhapuri, Chandrapur, Central Chanda, Gadchiroli for information.

Copy to The Deputy General Manager, Power Grid, Bramhapuri for information.