

JHARKHAND URJA SANCHARAN NIGAM LIMITED				
132 KV D/C CHHATARPUR - JAPLA TRANSMISSION LINE				
THREE ALTERNATIVE ROUTE EXAMINATION				
SL NO.	DISCRIPTION / ROUTE PARTICULARS	ROUTE-I (FINAL)	ROUTE-II(ALTERNATIVE- 1)	ROUTE-III(ALTERNATIVE - 2)
1	a) Bee Line	25.1 Km.	25.1 Km.	25.1 Km.
	b) Length	35.66	29.29	27.67
	c) Angle Points /Tower Locations	120	109	102
2	Environmental impact	N/A	N/A	N/A
	Houses within ROW	No Houses within ROW corridor	No Houses within ROW corridor	No Houses within ROW corridor
	No. of Trees in ROW	459	6800	9850
	Area of Notified Forest Land	17.6276 Ha.	34.2104 Ha.	43.4834 Ha.
	Area of Deemed Forest Land	5.6400 Ha.	1.0546 Ha.	6.2315 Ha.
	Area of Non-Forest Land	73.0144 Ha.	43.8108 Ha.	25.0006 Ha.
3	Details of Crossing			
	No. of Railway Crossing	Nil	Nil	Nil
	HT Line (132 kV/220 KV/400KV/765KV) Crossing	1	2	1
	National/State Highway Crossings	Nil	Nil	Nil
	MDR Crossing	2	1	1
	River Crossing	Nil	Nil	Nil
4	Recommendations	<p>Proposed Transmission line Alignment for "Construction of 132 Kv D/C Chhatarpur - Japla Transmission Line Jharkhand" has been examined for Social, Technical and Economical consideration and possible efforts were made to avoid the Forest land by JUSNL but the proposed route of transmission line is not possible without involvement of Forest land. Further the Transmission line passes through bare minimum Forest involvement comparing with other possible routes examined. Alternative route also uploaded in the said proposal for information. It is further stated that the area of Forest land involved for Proposed Transmission line for "Construction of 132 Kv D/C Chhatarpur - Japla Transmission Line Jharkhand" is technically correct with respect to design of Transmission Line, it is also more economical for construction of transmission line with selected final route. Further it is also involving bare minimum Forest land and approved by JUSNL.</p>		


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DALTONGANJ

**132 KV D/C CHHATARPUR - JAPLA TRANSMISSION LINE
FOREST LAND SCHEDULE, Route - I, Final**

SL. No.	Village Name	Plot NO	Khata No	PF Area (Ha.)	JJ Area (Ha.)
1	Rudwa	1	36	1.5000	
2	Tuktuka Alias	307	1		0.1720
		307	1	0.2215	
		313	18		0.0372
		292	15		0.0224
		266	1	0.2248	
		266	1		0.6146
		263	1	0.9705	
		263	1		0.2431
		16	1		0.1418
		16	1	0.2000	
3	Shildag	188	1	0.4920	
		188	1		0.2098
		6	1		0.1468
		6	1	1.0721	
		1	1	0.6725	
		1	1		0.2180
		5	1		0.0320
4	Rehra	112	1	0.6420	
		112	1		0.0746
		111	1	0.8363	
		110	1	0.8336	
		101	1	0.2530	
		100	1	0.2289	
		98	1	0.2517	
		73	1		0.0248
		60	1		0.0461
		76	1		0.0556
		58	1		0.0105
5	Belwanr	110	4		0.0782
		119	4		0.0733
6	Karupa	84	13		0.0693
		53	13	1.2240	
		49	13	0.4310	
		6	13	0.7245	
		6	13		0.1024
7	Majhganwan	2	1	0.9789	
8	Chunautwa	30	5	0.8080	
		27	5	0.2373	
		24	5	0.3787	
9	Dumaria	417	1	1.2000	
		399	1	1.5500	
		147	12	0.8465	
		147	12		0.0430
		12	1		2.0248
		12	1	0.5132	
		10	1		0.9198
		42	26	0.3366	
		44	26		0.0340
42	26		0.2459		
TOTAL				17.6276	5.6400
TOTAL FOREST AREA JJ+PF				23.2676	


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**132 KV D/C CHHATARPUR - JAPLA TRANSMISSIONLINE
PATCH WISE FOREST LAND SCHEDULE, ROUTE - I, FINAL**

Patch	Proposal	PF	JJ	NON - FOREST
1	Final	1.4928		
2	Final		0.0883	
3	Final	0.2217		
4	Final		0.0838	
5	Final			1.5064
6	Final		0.0373	
7	Final		0.0085	
8	Final		0.0139	
9	Final		0.3631	
10	Final	0.225		
11	Final		0.2521	
12	Final	0.9715		
13	Final		0.2433	
14	Final			0.2411
15	Final		0.142	
16	Final	0.3709		
17	Final		0.0391	
18	Final		0.171	
19	Final	1.3116		
20	Final		0.2906	
21	Final	0.2579		
22	Final			0.223
23	Final		0.044	
24	Final	1.1312		
25	Final		0.0747	
26	Final	2.4566		
27	Final			0.069
28	Final			0.033
29	Final		0.0248	
30	Final			0.4565
31	Final		0.0462	
32	Final			0.1561
33	Final		0.1446	
34	Final			0.6303
35	Final	0.0762		
36	Final			16.7577

**132 KV D/C CHHATARPUR - JAPLA TRANSMISSIONLINE
PATCH WISE FOREST LAND SCHEDULE, ROUTE - I, FINAL**

37	Final		0.0694	
38	Final	2.9685		
39	Final			0.1166
40	Final			0.0521
41	Final	0.8089		
42	Final			0.0722
43	Final	0.5688		
44	Final		0.1025	
45	Final			0.0244
46	Final	0.5356		
47	Final			0.0247
48	Final	3.5926		
49	Final		0.0431	
50	Final			1.2129
51	Final		0.0785	
52	Final			0.4594
53	Final	0.034		
54	Final		0.1677	
55	Final	0.3369		
56	Final		0.5765	
57	Final	0.2669		
58	Final		2.535	
59	Final			50.979
Total		17.6276	5.64	73.0144


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**132 KV D/C Chhatarpur-Japla Transmission Line
Alternative - 1 (Route-II) Forest Land Schedule**

SI No	Village Name	Thana No	Plot No	JJ Area(Ha.)	PF Area(Ha.)
1	Baghamara	243	344		1.385469
2	Bansdiha Alias Latei	248	15	0.342313	
3	Bhalubar	240	110		1.748785
		240	111		1.218245
4	Chuchia	245	55		3.105077
5	Gontha	251	331		0.827099
6	Jujhar Sikni	476	76		2.7281
		476	94		1.187
8	Kendhara kalan	234	600		0.43981
9	Kodwaria	244	123		0.0608
			124		0.9964
			134		0.5586
10	Larmi	242	42		0.2135
			43		1.0919
			143		1.1274
			260		0.7458
11	Lebar	285	220		1.4145
			221		0.5448
			398		0.7914
12	Nawadih	231	296	0.439899	
13	Pakha	233	1		0.1966
			2		0.9653
			37		0.0577
			47		0.4719
14	Rerha	287	112		0.725893
15	Rudwa	279	1		1.086843
16	Sandha	475	10	0.1415	
			49	0.0838	
			436	0.0471	
			439		0.3085
			440		1.3812
17	Tuktuka	284	263		5.0722
			307		2.0508
18	Maradag	247	104		1.7090
Total				1.0546	34.2104


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132 KV D/C Chhatarpur-Japla Transmission Line Alternative - 1 (Route-II)
Patch wise Forest Land Schedule

Patch	Proposal	PF	JJ	Non Forest
1	Alter 1	3.1376		
2	Alter 1			0.6508
3	Alter 1	8.5189		
4	Alter 1			2.6243
5	Alter 1		0.0893	
6	Alter 1			0.5125
7	Alter 1		0.3506	
8	Alter 1			6.5397
9	Alter 1	9.8346		
10	Alter 1			0.0744
11	Alter 1			0.7364
12	Alter 1	0.5987		
13	Alter 1			1.5450
14	Alter 1	5.3509		
15	Alter 1			1.2181
16	Alter 1	0.3379		
17	Alter 1		0.3423	
18	Alter 1			3.4085
19	Alter 1	0.8271		
20	Alter 1			3.0544
21	Alter 1	5.6047		
22	Alter 1		0.0471	
23	Alter 1			0.6828
24	Alter 1		0.0838	
25	Alter 1			0.0285
26	Alter 1			2.7436
27	Alter 1		0.0532	
28	Alter 1			0.2017
29	Alter 1		0.0883	
30	Alter 1			19.7900
Total		34.2104	1.0546	43.8108


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**132 KV D/C Chhatarpur-Japla Transmission Line
Alternative - 2 (Route-III) Forest Land Schedule**

SI No	Village Name	Thana No	Plot No	JJ Area(Ha.)	PF Area(Ha.)
1	Akabasa	271	18		0.297443
			22		0.288229
			23		1.410069
			25		1.154523
			26		1.183604
			243		0.254319
			324		1.076463
			326		1.028503
			335		0.840315
			344		0.39635
			347		1.180104
			348		0.252072
		350		1.175157	
2	Bhainsra	493	1	1.113726	
			2		1.205866
			3		0.024823
3	Birwa Dohar	256	2		1.096938
4	Chorpahar	497	14		0.310462
			22		0.817315
5	Gangdari	267	1		0.121783
6	Garurahi	339	171	0.094419	
7	Ghaghra	486	8	0.254688	
8	Jamua	485	1585	0.457062	
9	Kauwal	268	3		0.562885
			4		1.046817
			62		0.559726
			180		0.944741
			274		0.336658
			275		0.809251
			386		0.817031
10	Keswahi Alias Tenwahi	494	2		0.229851
			4		0.324714
			5		1.829671
			7		0.951049
11	Kodwaria	487	9	0.396411	
			49		2.282916
			58	1.764871	
12	Lahanga	257	6		0.029879
			8		0.936587
			9		0.773509
			12		1.330755
			13		0.461447
			173		1.126198
			174		0.471142
			175		1.001708

**132 KV D/C Chhatarpur-Japla Transmission Line
Alternative - 2 (Route-III) Forest Land Schedule**

			182		0.346407
			186		0.911203
			188		1.308209
13	Mangardah	489	4		1.084498
			32		1.14896
			34	0.038408	
14	Rud	261	1		2.995858
			321	2.1119	
			4		0.0797
			2		0.2001
15	Rudwa	279	1		1.344173
16	Satbahini	490	5		0.568572
17	Tuktuka	284	307		0.196889
18	Hisag	260	42		0.8952
			43		1.1236
			1		0.3392
Total				6.2315	43.4834


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**132 KV D/C Chhatarpur-Japla Transmission Line Alternative - 2 (Route-III)
Patch wise Forest Land Schedule**

Patch	Proposal	PF	JJ	NON - FOREST
1	Alter 2	4.1484		
2	Alter 2			0.2442
3	Alter 2	0.0135		
4	Alter 2	10.9458		
5	Alter 2			0.0237
6	Alter 2			0.1413
7	Alter 2			1.6902
8	Alter 2	2.1694		
9	Alter 2			0.0431
10	Alter 2			1.3452
11	Alter 2		2.1119	
12	Alter 2	14.3306		
13	Alter 2			0.0637
14	Alter 2	0.2027		
15	Alter 2			0.2386
16	Alter 2	6.2775		
17	Alter 2		1.1137	
18	Alter 2	1.9635		
19	Alter 2		0.0384	
20	Alter 2	3.4319		
21	Alter 2		1.7649	
22	Alter 2			0.0236
23	Alter 2		0.0601	
24	Alter 2			0.0258
25	Alter 2		0.3363	
26	Alter 2			1.6103
27	Alter 2		0.2547	
28	Alter 2			0.6745
29	Alter 2		0.0021	
30	Alter 2		0.4549	
31	Alter 2			15.7582
32	Alter 2		0.0944	
33	Alter 2			3.1182
Total		43.4834	6.2315	25.0006


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