

# 1. List of Existing Transmission Line (February 2016)

Name of Zones	SL.	Name of Transmission Line	Voltage Level (charged)	Double /Single ckt	Length (KM)	CKT	Type of Conductor
Zone –I Ranchi	1	220 kv D/C PTPS -Chandil	220	D/C	146	292	Zebra
	2	220 KV D/C Hatia-Patratu	220	D/C	42	84	zebra
	3	220 KV D/C Hatia-PGCIL	220	D/C	35	70	Zebra
	4	132 KV S/C Hatia-Namkum	132	S/C	28	28	Panther
	5	132 KV D/C Hatia-Patratu	132	S/C	44	88	panther
	6	220 KV D/C Hatia-Lohardaga	132	D/C	60	120	Zebra
	7	132 KV D/C Namkum-Sikadari	132	D/C	34	68	Panther
	8	132 KV S/C Hatia-Kamdara	132	S/C	61	61	Panther
	9	132 KV S/C Kamdara-Gumla	132	S/C	62	62	Panther
	10	132 kv S/C Hatia-Sikadari	132	S/C	34	34	Panther
	11	132 KV D/C Hatia-HEC	132	D/C	7	14	Panther
	12	132 KV D/C Gumla-Lohardag	132	D/C	60	120	Panther
	13	220 KV D/C Loharda-Latehar	132	D/C	56	112	Zebra
Zone-II Dumka	1	132 KV S/C Dumka-Pakur	132	S/C	85	85	Panther
	2	132 KV D/C Dumka-Lalmatia	132	D/C	95	A90	Panther
	3	132 KV D/C Dumka-Deoghar	132	D/C	67	134	Panther
	4	132 KV S/C Lalmatia-Sahebganj	132	S/C	50	50	Panther
	5	132 KV D/C Lalmatia-Kahalgaoon	132	D/C	47	94	Panther
	6	132 KV S/C Deoghar-Jamtara	132	S/C	70	70	ACSR Lark
	7	132 KV S/C Deoghar-Shankerpur(Rail)	132	S/C	12	12	ACSR Panther
	8	132 KV S/C Deoghar-Sultanganj	132	S/C	98	98	ACSR Lark
	9	132 KV S/C Jamtara-Maithan	132	S/C	30	30	ACSR Panthaer
	10	220 KV (S/C) Faraka- Lalmatia	220	S/C	84	84	Panther
	11	220kv DC Dumka-Rupnarayanpur	220	D/C	80	160	Double Moose
	12	132 KV D/C Jamtara-Madhupur	132	D/C	54	108	Panther
Zone-III Jamshedpur	1	132 KV (S/C) Rajkharsawan-Goelkera	132	S/C	38.5	38.5	Panther
	2	132 KV (s/C) Rajkharsawan-Kendposi	132	S/C	57	57	Panther
	3	132 KV (S/C) Rajkharsawan-Adityapur	132	S/C	36	36	Panther
	4	132 KV (S/C) Rajkharsawan-Chandil	132	S/C	34.5	34.5	Zebra
	5	132 KV (D/C) Rajkharsawan-Charadharpur	132	D/C	22	44	Panther
	6	132 KV (S/C) Kenpodsi-Joda	132	S/C	42	42	Panther

Name of Zones	Sl.	Name of Transmission Line			Length(KM)	CKT	Type of Conductor	
<b>Zone-III Jamshedpur</b>	7	132KV (S/C) Kendposi-Noamundi	132	S/C	26	26	Panther	
	8	132 KV (D/C) Chandil-Golmuri	132	D/C	30	60	Panther	
	9	132 KV (S/C) Chandil-Adityapur	220	S/C	16	16	Panther	
	10	220 KV S/C Chandil-STPS	220	S/C	98	98	Zebra	
	11	220 KV D/C Chandil-PGCIL	220	D/C	93.5	187	Zebra	
	12	220 KV S/C Chandil-Ramchanderpur	220	S/C	35	35	Zebra	
	13	132 KV S/C Chandil-Adityapur	132	S/C	20	20	panther	
	14	220 KV S/C Ramchanderpur-Joda	220	S/C	130	130	Zebra	
	15	132 KV D/C Ramchanderpur-Adityapur	132	D/C	8.3	16.6	Panther	
	16	132 KV D/C Ramchanderpur-Adhunik	132	D/C	4.5	9	panther	
	17	132 KV D/C Adityapur-Ushamartin	132	D/C	3.5	7	Panther	
	18	132 KV S/C Kenpodsi-Joda	132	S/C	45	45	Panther	
	19	132 KV (S/C) Golmuri – Jadugoda	132	S/C	22.5	22.5	Panther	
	20	132 KV (S/C) Golmuri-Salgajhari	132	S/C	4	4	Panther	
	21	132 KV S/C Goelkera-Goelkera Railway	132	S/C	0.5	0.5	Panther	
	22	132 KV D/C DhalVumgarh-Musabani	132	D/C	11.5	23	panther	
	23	132 KV D/C DVM-DVM Railway	132	D/C	0.5	1	Panther	
	24	132 KV S/C Manique-Chandil	132	S/C	0.5	0.5	Panther	
	25	132 KV S/C Kenpodsi-Noamundi	132	S/C	26	26	Panther	
	<b>Zone-IV Daltonganj</b>	1	132 KV D/C Rihand _Sonenagar(106 KM in Jharkhand and 34 KM in Bihar)	132	D/C	106	106	Panther
		2	132 KV S/C Garhwa-Tolra(Railway)	132	S/C	8	8	Panther
		3	132 KV S/C Garwa-ABCIL	132	S/C	2	2	Panther
		4	132 KV S/C Sonenagar-Japla	132	S/C	40	40	Panther
		5	132 KV S/C Japla-Garhwa	132	S/C	50	50	Panther
		6	220 KV D/C Latehar-Daltonganj	132	D/C	64	128	Zebra
<b>Zone- V Hazaribagh</b>	1	400 KV S/C Tenughat-Patratu	220	S/C	71	71	Double Moose	
	2	400 KV S/C Tenughat-Biharsharif	220	S/C	190	190	Double Moose	