

220 kV Transmission Lines in BSPTCL

220 kV Transmission Lines - Patna Zone

Sl. No	Name of Line	Circuit	Ckt km Length	Total Length (in km)	Conductor type and characteristics	No. of Sub-Conductor (NSC)
1	220KV Biharsarif (PG) - Biharsarif	Triple	1.67	5.01	Zebra	Single
2	220KV Biharsarif - Khizisarai(BGCL)	Double	97	194	Zebra	Single
3	220KV Khizisarai(BGCL) - Bodhgaya	Double	58	116	Zebra	Single
4	220KV Biharsarif - Fathua	Double	40	80	Zebra	Single
5	220KV Gaya (PG) - Bodhgaya	Double	17	34	Zebra	Single
6	220KV Gaya (PG) - Dehri	Double	95	190	Zebra	Single
7	220KV Pusouli - Dehri	Single	65	65	Zebra	Single
8	220KV Pusouli - Sahupuri (UP)	Single	71	71	Zebra	Single
9	220KV Patna (PG) - Sipara	Double	0.45	0.9	Zebra	Single
10	220KV Patna (PG) - Fatuha	Single	26	26	Zebra	Single
11	220 KV Sipara - Fatuha	Single	26	26	Zebra	Single
12	220 KV Patna (PG) - Khagaul	Single	40	40	Zebra	Single
13	220KV Sipara - Khagaul	Single	39	39	Zebra	Single
14	220KV Biharsarif - TTPS	Single	73	73	Moose	Double
15	220KV Gaya(PG)- Sonenagar	Double	91.591	183.182	Zebra	Single
16	220KV LILO Pusouli-(220 KV Pusouli(PG)-Ara(PG) ckt-2)	Double	4.57	9.14	Zebra	Single
17	220KV Khigisarai-220/132/33KV GIS Nawada (presently being maintained by BGCL)	Double	55.18	110.36	HTLS	Single
18	220KV Patna (PG) - Sipara ckt-3	Single	0.3	0.3	Zebra	Single
	Total	29 lines		1262.892 km		

220 kV Transmission Lines - Muzaffarpur Zone

Sl. No	Name of Line	Circuit	Ckt km Length	Total Length (in km)	Conductor type and characteristics	No. of Sub-Conductor (NSC)
1	220KV BTPS - Begusarai	Single	15	15	Zebra	Single
2	220KV Biharsarif - BTPS	Single	60	60	Zebra	Single
3	220KV Biharsarif - Begusarai	Single	75	75	Zebra	Single
4	220kV MTPS-Samastipur(New)(LILO at loc. 241)	Double	82.5	165	Zebra	Single
5	220 kV Samastipur(New)-Begusarai(LILO at loc. 239)	Double	55	110	Zebra	Single
6	220KV MTPS - Gopalganj	Double	101.35	202.7	Zebra	Single
7	220KV MTPS - Motipur	Double	37.8	75.6	Zebra	Single
8	220KV Motipur-Mushahri ckt-I	Single	88.732	88.732	Zebra	Single
9	220KV Motipur-Mushahri ckt-II	Single	84.032	84.032	Zebra	Single
10	220KV Mushahri - Darbhanga ckt-I	Single	57.868	57.868	Zebra	Single
11	220KV Mushahri - Darbhanga ckt-II	Single	53.168	53.168	Zebra	Single
12	220KV Purnea (PG) - Madhepura	Double	100.09	200.18	Zebra	Single
13	220KV Muzaffarpur (PG) - Hazipur	Double	51	102	Zebra	Single
14	220 kV Kishanganj (PG)- Kishanganj (New)	Double	4.236	8.472	AL/59	Single
15	220KV MTPS-Kafen	Double	24	48	Zebra	Single

16	220 kV Samastipur(New)-Darbhanga(400/220)	Single	48	48	Zebra	Single
17	220 kV Hajipur(New)-Chhapra(new) (presently being maintained by BGCL)	Double	47.8	95.6	Zebra	Single
18	220 kV Motipur- DMTCL	Double	109	218	Zebra	Single
	Total	28 lines		1707.352 km		

Total Length of 220 KV Transmission Lines under BSPTCL = 2970.244 km
Total Number of 220 KV Transmission Lines under BSPTCL = 57 lines