

220 kV Transmission Lines in BSPTCL, Date -31.07.2024

Sl. No.	Name of the T/L	Circuit	Route Length (in km)	Total Length (in km)	Type of conductor
1	220 kV Patna (PG)-Gaurichak	Double	0.45	0.9	Single ACSR Zebra
2	220 kV Patna (PG)-Gaurichak Ckt-II	Single	0.3	0.3	Twin ACSR Zebra
3	220 kV Patna (PG)-Fatuha	Single	30	30	Single ACSR Zebra
4	220 kV Gaurichak-Fatuha	Single	29	29	Single ACSR Zebra
5	220 kV BTPS-Hathidah (BGCL)	Double	9.03	18.06	Single ACSR Zebra
6	220 kV Biharsharif-Fatuha	Double	47	94	Single ACSR Zebra
7	220 kV Hathidah (BGCL)-Biharsharif	Double	51.98	103.96	Single ACSR Zebra
8	220 kV Bakhtiyarpur (New)-Sheikhpura (New)	Double	42.37	84.74	Single ACSR Zebra
9	220 kV Patna (PG)-Khagaul	Single	30	30	Single ACSR Zebra
10	220 kV Gaurichak-Bihta (New)	Double	41.6	83.2	Single ACSR Zebra
11	220 kV Gaurichak-Jakkanpur (New) BGCL	Single	30.774	30.774	Single ACSR Zebra
12	220 kV Jakkanpur (New) BGCL-Khagaul	Single	4.341	4.341	Single ACSR Zebra
13	220 kV Amnour-Digha	Double	47.284	94.568	Single ACSR Zebra
14	220 kV Pusauli (PG)-Dehri	Single	60	60	Single ACSR Zebra
15	220 kV Pusauli (BSPTCL)-Dehri	Double	53.597	107.194	Single ACSR Zebra
16	220 kV Chandauti (PG)-Sonenagar (New)	Double	75.48	150.96	Single ACSR Zebra
17	220 kV Gaya (PG)-Dehri	Double	81.95	163.9	Single ACSR Zebra
18	220 kV Pusauli (PG)-Nadokhar	Single	4.75	4.75	HTLS
19	220 kV Pusauli (PG)-Nadokhar Ckt-II	Single	4.2	4.2	Single ACSR Zebra
20	220 kV Nadokhar-Dumrao (New) BGCL	Single	4.75	4.75	Single ACSR Zebra
21	220 kV Nadokhar-Dumrao (New) BGCL Ckt-II	Single	4.2	4.2	Single ACSR Zebra
22	220 kV Pusauli (PG)-Karamnasa (New)	Single	29	29	Single ACSR Zebra
23	220 kV Karamnasa (New)-Sahupuri	Single	9	9	Single ACSR Zebra
24	220 kV Karamnasa (New)-Pusauli	Double	35.6	71.2	Twin ACSR Moose
25	220 kV Gaya (PG)-Bodhgaya	Double	17	34	Single ACSR Zebra
26	220 kV Khizirsarai (BGCL)-Bodhgaya	Double	46.69	93.38	Single ACSR Zebra
27	220 kV Bodhgaya-Chandauti (PG)	Double	31	62	Single ACSR Zebra
28	220 kV Biharsharif-Khizirsarai (BGCL)	Double	33.85	67.7	Single ACSR Zebra
29	220 kV Biharsharif (PG)-Biharsharif	Quadruple	1.67	6.68	Twin ACSR Moose
30	220 kV TTPS (Tenughat)-Biharsharif	Single	73	73	Twin ACSR Moose
31	220 kV Biharsharif-Asthawan	Double	20	40	Single ACSR Zebra
32	220 kV Asthawan-Sheikhopursarai	Double	18.17	36.34	Single ACSR Zebra
33	220 kV BTPS-Begusarai	Double	15	30	Single ACSR Zebra
34	220 kV Khagaria (New)-Begusarai	Double	98	196	Single ACSR Zebra
35	220 kV Begusarai-IOCL	Double	11.9	23.8	Single ACSR Zebra
36	220 kV BTPS-Hajipur	Double	108	216	Single ACSR Zebra
37	220 kV Begusarai-Samastipur (New)/Ujiarpur	Double	55	110	Single ACSR Zebra
38	220 kV Saharsa (PG)-Khagaria (New)	Double	73	146	Single ACSR Zebra
39	220 kV Saharsa (PG)-Begusarai	Double	93	186	Single ACSR Zebra
40	220 kV Purnea (PG)-Khagaria (New)	Double	102	204	Single ACSR Zebra
41	220 kV Kishanganj (PG)-Kishanganj (New)	Double	4.26	8.52	AL-59 AAAC
42	220 kV Kishanganj (PG)-Kishanganj (New) Ckt-II	Double	4.5	9	AL-59 AAAC
43	220 kV Purnea (PG)-Madhepura	Double	100.09	200.18	Single ACSR Zebra
44	220 kV Kishanganj (New)-Madhepura	Double	146	292	AL-59 AAAC
45	220 kV MTPS-Motipur	Double	37.8	75.6	Single ACSR Zebra
46	220 kV Motipur-Mushahri	Single	96.2	96.2	Single ACSR Zebra
47	220 kV Motipur-Mushahri Ckt-II	Single	90	90	Single ACSR Zebra
48	220 kV Sitamarhi (PG)-Motipur	Double	52.1	104.2	Twin ACSR Moose
49	220 kV MTPS-Gopalganj	Double	101.35	202.7	Single ACSR Zebra
50	220 kV DMTCL (Darbhanga)-Motipur	Double	109	218	Single ACSR Zebra
51	220 kV Mushahri-Darbhanga	Single	58	58	Single ACSR Zebra
52	220 kV Mushahri-Darbhanga Ckt-II	Single	55	55	Single ACSR Zebra

53	220 kV Muzaffarpur (PG)-Hajipur	Double	52	104	Single ACSR Zebra
54	220 kV MTPS-Samastipur (New)/Ujiarpur	Double	85	170	Single ACSR Zebra
55	220 kV Muzaffarpur (PG)-Goraul	Double	20	40	Single ACSR Zebra
56	220 kV Raxaul (New)-Sitamarhi (New)	Double	88.341	176.682	Single ACSR Zebra
57	220 kV Goraul-Tajpur	Double	51	102	Single ACSR Zebra
58	220 kV Muzaffarpur (PG)-Amnour	Double	65.4	130.8	Single ACSR Zebra
59	220 kV DMTCL (Darbhanga)-Samastipur (New)/Ujiarpur	Single	48	48	Single ACSR Zebra
60	220 kV DMTCL (Darbhanga)-Darbhanga	Double	2.93	5.86	Single ACSR Zebra
61	220 kV DMTCL (Darbhanga)-Laukahi	Double	89	178	Single ACSR Zebra
62	220 kV Madhepura-Laukahi	Double	66	132	AL-59 AAAC
63	220 kV Raxaul (New)-Gopalganj	Double	64.898	129.796	Twin ACSR Moose
	Total	109 Circuits		5364.435	
	Total Length of 220 kV Transmission Lines under BSPTCL =	5364.435	km		
	Total Number of 220 kV Transmission Lines under BSPTCL =	63	lines		